

2014-2015 Archived Catalog Information

Undergraduate Catalog

This catalog is not an agreement or contract between the student and Suffolk University or any other party or parties and should not be regarded as such. The offerings and requirements contained herein are those in effect at the time of publication. The University reserves the right to change, discontinue, or add academic requirements, courses or programs of study at any time. Such changes may be made without notice, although every effort will be made to provide timely notice to students.

All students are expected to abide by all policies included in the Suffolk University Academic Catalog.

See Also

These links will take you outside the Academic Catalog:

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Students are awarded honors for outstanding academic achievement.

- **Dean's List**

A student shall be eligible for the Dean's List in any semester in which his or her grade point average is 3.50 or above, and provided he or she receives no grade of "D," "F," or "I," and has earned a minimum of 12 semester-hour credits.

- **Graduation Honors**

Latin Honors

To be eligible to graduate with Latin Honors, an undergraduate student must have completed at least 60 semester hours of work at Suffolk University. (Courses for which a student receives credit through CLEP examinations may not be counted toward this minimum of 60 semester hours.)

- Summa Cum Laude: You must have a cumulative GPA of 3.85, and have no grades of F or I.
- Magna Cum Laude: You must have a cumulative GPA of 3.7, and have no grades of F or I.
- Cum Laude: You must have a cumulative GPA of at least 3.3, and have no more than one grade of F or I.

- **Recognition Day Awards**

Highest Class Honors

In the spring of each year, both the College of Arts & Sciences and the Sawyer Business School present Outstanding Student Awards to the individuals (in their respective schools) with the highest cumulative grade point average in the sophomore, junior and senior classes. To be eligible for consideration, a student must have accrued the following minimum credit hours while in attendance at Suffolk University. A grade of "D," "F," or "I" disqualifies a student, regardless of GPA.

Class Minimum Earned Credit Hours at Suffolk University:

- Sophomore 42
- Junior 70
- Senior 106

Major Honors and Awards

In the spring of each year, both the College of Arts & Sciences and the Sawyer Business School present students awards of achievement in their major. Each award is defined and determined by the individual academic departments upon review of their junior and senior majors each spring semester.

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At the conclusion of each semester, students failing to make satisfactory progress are reviewed by the Academic Standing Committee of their respective school.

Suffolk University expects students to maintain an overall grade point average of 2.0 and a grade point average of 2.0 in the major field of study, as well as a 2.0 grade point average in the minor. Failure to maintain these degree requirements may result in academic probation or dismissal.

Students are notified by mail of any actions taken by the Academic Standing Committees.

As a part of our Academic Standing, the following review processes are completed after every semester.

Warning Status:

Students will receive a warning letter when their overall GPA is above 2.0, but fail to achieve a semester GPA of 2.0.

Students who earn a GPA below 2.0 in their major, even if only one course has been completed, are alerted to minimum GPA requirements and referred to their major for advising.

Students who earn excess grades of "I" and/or "W" are sent a warning letter and may have their records frozen for advising.

Students are sent a warning if any single grade of "F" is earned.

• Academic Probation

Students who fail to achieve a cumulative GPA of 2.0 are placed on probation and informed in writing of conditions (to be met in the next semester enrolled) for continued matriculation.

In the semester following the first probationary period:

- If conditions are met and the cumulative GPA is at least 2.0, then the student is removed from probationary status.
- If conditions are met and the cumulative GPA is less than 2.0, then the student is placed on a probation extension.
- If conditions are not met, the student may be dismissed from the University.

Typically, students placed on probation are put on a reduced course load and are instructed to improve their grade point average by the next committee review. Students who are demonstrating academic improvement may have their probation extended until they return to good academic standing. Those failing to demonstrate improvement are in imminent danger of dismissal.

Extracurricular: No student on academic probation shall be eligible to participate in athletics, hold elected or appointed office, or represent the University in extracurricular or intercollegiate activities. However, a student on academic probation may continue membership in extracurricular activities such as clubs or fraternities, and may write for, but not be a member of, the staff of campus publications. In the event a student's average does not improve, the Academic Standing Committee may require further curtailment of extracurricular activities as a condition of continued academic probation at Suffolk University.

Financial Aid: Academic standing review is an academic process independent of federal guidelines managing access to student aid. It is possible to be allowed to continue at the University academically but be denied financial aid eligibility. ALL students who have financial aid and find themselves in academic difficulty should meet with their financial aid advisor to understand their personal situation.

• Academic Dismissal

Continued failure to make satisfactory progress toward a degree will inevitably result in dismissal from the University. Low grade point average, unexplained semester absences, refusal to complete prescribed remedial coursework, unwillingness to honor the recommendations of the Academic Standing Committee and/or other specific conditions are but a few of the situations that can undermine satisfactory progress and constitute legitimate grounds for dismissal.

Once dismissed for scholastic failure, a student is ineligible to enroll in further courses at the University until s/he is readmitted by the Academic Standing Committee. Dismissal does not suspend a student's responsibility to meet prior course commitments. Consequently, all Incomplete "I" grades will convert to "F" grades unless attended to within one academic year.

• Applying to Return to the University

Returning from Academic Dismissal

Students who have been academically dismissed may apply for readmission after one semester by providing the appropriate committee with a written


letter of petition. The filing deadline for petitioning is August 1 for fall re-admission and December 1 for spring re-admission. Please address the letter to: "The Academic Standing Committee."

This letter should contain three main sections:

1. Address the difficulties you had while you were enrolled at Suffolk University.
2. Describe what steps you have taken while away from Suffolk University to improve your personal situation (such as academic performance, personal issues, medical conditions, financial hardship). Be sure to attach any supporting documentation (such as transcripts from other institutions, letters from a doctor or current faculty member).
3. Create an action plan for your return (if reinstated) and describe what you would do to succeed in the future.

Letters should include your personal contact information for mail, email and phone.

If dismissed from the College of Arts & Sciences, send letters to:

Sharon Lenzie, Assistant Dean
College of Arts & Sciences
41 Temple Street
Boston, MA 02114
Phone: 617-573-8268 
slenzie@suffolk.edu

If dismissed from the Sawyer Business School, send letters to:

Michele Rosenthal, Director
Undergraduate Programs
Sawyer Business School
73 Tremont Street
Boston, MA 02108-2770
Phone: 617-994-6429
mjrosenthal@suffolk.edu

Fresh Start

In the College of Arts & Sciences, a student dismissed for academic reasons, who is seeking readmission after an absence of five or more years from the University, may petition the Academic Standing Committee to grant him/her grade amnesty under the Fresh Start Program.

If approved, all Suffolk work completed prior to readmission will be reevaluated, and all students readmitted under this policy are subject to the academic requirements for graduation at the time of readmission. Only course work with a grade of "C" or better, earned prior to readmission, is listed on the new transcript and counted for credit toward the degree. The grade point average is computed solely on work attempted after reinstatement. The handling of grades and credits reflects the policy governing the awarding of credits to students transferring work to Suffolk from another institution.

Normally, a student readmitted through the Fresh Start Program is not eligible for scholastic honors. All prior grades are used to compute the student's academic progress for financial aid evaluation.

Returning after Being Administratively Withdrawn for Non-Attendance

Students who have been administratively withdrawn for non-attendance or are attempting to return after an unauthorized absence may apply for reentry to Suffolk through the Office of Undergraduate Admission. If approved, all students readmitted under this policy are subject to the academic requirements for graduation at the time of readmission.

Applicable courses taken eight or more years prior to readmission, whether taken at Suffolk or elsewhere, will be reviewed by the Dean's Office for relevance and currency. If a course is deemed ineligible, students may be required to complete the current course designed to satisfy that particular academic requirement.

• Satisfactory Progress

Federal regulations require students to [demonstrate satisfactory academic progress](#) (SAP) in their educational program in order to maintain eligibility for financial aid. SAP is established and reviewed by the Office of Student Financial Services for the College of Arts & Sciences and Sawyer Business School. While it is possible to continue at the University but be denied financial aid eligibility, all students who seek financial aid and find themselves in academic difficulty should meet with their financial aid advisor to understand their personal situation.

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• Credit Hour Definition

At Suffolk, a “credit hour” is defined as an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutional-established equivalence that reasonably approximates no less than:

- One hour of classroom or direct faculty instruction plus a minimum of two hours of student work out of the classroom each week for 15 weeks for one semester hour of credit or an equivalent amount of work over a different amount of time; or
- At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of a credit hour.”

• Class Hours

Classes typically meet during several standard course times: Monday, Wednesday, and Friday for 50 minutes, twice a week Monday and Wednesday or Tuesday and Thursday for 75 minutes, and for 2 hours, 40 minutes once a week. The period between 1pm and 2:15 pm on Tuesday and Thursday is reserved for student activities, faculty meetings, guest lectures, and cultural events. No undergraduate classes are held during this time period.

• CLEP

[CLEP](#) examinations provide undergraduate students the opportunity to gain college credit in specific areas of study. The Suffolk University [Center for Learning and Academic Success](#) administers the CLEP program.

- ## Class Standing

The classification of students is determined by the number of credit hours completed. Freshman standing is assigned to students with 1 through 23 completed credit hours; sophomore standing, to those with 24 through 53 completed credit hours; junior standing, to those with 54 through 83 completed credit hours; senior standing, to those with 84 completed credit hours or more.

- ## Course Loads

Federal financial aid regulations stipulate a student must be enrolled in at least 12 credits per semester to be considered full-time, between 9-11 credits per semester to be considered three-quarter time, and at least 6 credits per semester to be considered half-time. During the summer semester, which is subdivided into modules, full-time, three-quarter time, and half-time status is determined based on the number of credits enrolled throughout the entirety of the term. Graduating students in their last semester are considered full-time (except for financial aid purposes) if they are registered for all remaining degree requirements, even if they are registered for less than full-time status.

All international students are required to complete at least 12 credits each fall and spring semester.

Enrollment statuses for fall, spring, and summer terms are listed in the table below:

Full-Time	Three-Quarter Time	Half-Time	Less than Half-Time
12-17 credits	9-11 credits	6-8 credits	<6 credits

Restrictions: ELI students can only take 0 credit courses.

- ## Courses at Other Institutions

Once matriculated into a degree program at Suffolk, students are expected to complete all of their coursework at the University. Exceptions are made for international study or where academic hardship merits consideration. A student must be in good academic standing (2.0 GPA or better with no Incomplete grades) and have transferred fewer than 63 outside credit hours into Suffolk. If approved for a course at another institution, a student must attain a grade of "C" or higher in order to receive transfer credit. It is expected that students will complete their final 30 credit hours at Suffolk University. New students in their first semester without final grades may not be approved for outside courses. Courses taken at other institutions may affect student eligibility for graduation honors.

Students who feel their situation warrants an exception must apply through the Undergraduate Academic Advising Center.

• Excess Courses

Twelve to 17 credits constitutes a normal full-time schedule. Students who meet the following criteria can register for 18 credits (fall and spring term):

- Student has been in attendance at Suffolk University for two full semesters excluding summer sessions
- Student has a minimum GPA of 3.0 or higher

Students who do not meet the above criteria or who wish to enroll in more than 18 credits in either the fall or spring term or more than 8 credits per summer module must [petition](#) the Undergraduate Academic Advising Center.

Students registered for more than 17 credits will be charged an [excess credit rate](#) during the fall and spring terms. Students are charged per credit hour during the summer sessions. Students should NOT assume financial aid will cover excess course charges.

• Independent Study

College of Arts & Sciences Policy

The purpose of an independent study is to provide students with unique study opportunities with an individual faculty member. The guidelines with respect to independent studies are as follows:

- Students must gain authorization prior to registration through an approved [Independent Study form](#). A description of the independent study project must be approved by the individual faculty member, by the department chair, and the dean's office of the respective school.
- Adjunct faculty are not eligible to supervise an independent study.
- Independent studies may be taken for variable credit; a single independent study cannot be taken for more than 4 credits.

Sawyer Business School Policy

The purpose of an independent study is to provide students with unique research opportunities to supplement the curriculum. This student-initiated work is done in conjunction with an individual faculty member. Students are responsible for developing a robust and rigorous proposal, and for finding a full-time faculty member to supervise it. The faculty member may suggest readings/direction that helps further develop the research proposal. However, students must do preliminary work outlining their ideas (e.g., research questions, bibliography) before meeting the professor, so as to show their motivation and that they have foundational knowledge on the topic they are proposing to research. Independent studies may be proposed for 1 to 3 credits and are to be completed within one semester.

Proposals must detail the following: (1) a title for the project, which is unique to the student's research; (2) the academic goals of the project including a list of the research questions the student will explore; (3) an explanation and detailed description of the activities the student will engage in to research these questions; (4) a list of assignments/deliverables, a timeline of due dates, and a description of the anticipated direct contact hours between faculty/student; (5) an explanation of how the independent study grade will be calculated (e.g., what % of the grade is allocated to each deliverable); and (6) a preliminary bibliography of articles and books that will be read.

The policies with respect to independent study credits are as follows:

- Undergraduates must have junior and senior standing and a GPA of 3.0 or higher.
- Independent Study proposals cannot replace or duplicate an existing course. They allow students to research and study an area of interest not covered by Suffolk courses.
- The deadline to turn in a proposal to the Dean's Office is FIVE business days before the end of the add/drop period for the semester you plan to complete an Independent Study. This requires both the faculty and Department Chairperson signatures on the proposal **prior to** the deadline. If the Dean's Office denies the proposal and sufficient time remains within the deadline window, the student may submit a revised proposal with faculty approval.
- Only full-time faculty are allowed to supervise independent studies.

Please refer to the [SBS Independent Study Agreement and Proposal form](#).

• Transfer Credit

Transfer applicants are considered for admission based on work completed at a regionally accredited two- or four-year college or at international institutions approved by the Ministry of Education in the country where the institution resides. In some cases, transfer applicants with less than one year of college completion are also considered based on the results of the high school transcript and test scores. Credit is generally transferable provided that such coursework is successfully completed and equivalent to that offered at Suffolk University.

In the Sawyer Business School, transfer credit is awarded only for courses equivalent to freshman/sophomore years. Courses not required at Suffolk University until the junior/senior years may qualify for [validation credit](#). Students admitted to the Sawyer Business School are required to complete at least 50 percent of business credit hours at Suffolk University.

A minimum of 45 hours in any bachelor degree program must be earned at Suffolk University, including all major and general education requirements. Requirements for specific degrees are listed by major in the undergraduate degree section. In all cases, students must complete all major and University requirements to qualify for a bachelor degree. This may necessitate completing more than the required hours for graduation. In addition, the final 30 credits of any degree must be completed at Suffolk University.

Part-time degree applicants are expected to meet the same requirements as full-time degree students.

In the College of Arts & Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.

In the Sawyer Business School not more than two courses may be transferred in toward any major and no more than one course may be transferred in toward any minor. Capstone requirements may never be transferred into the Business School. All upper level business courses being considered for transfer must be approved by the Sawyer Business School Dean's Office.

• Transcripts

A transcript is an academic document or electronic image maintained by the Office of the Registrar reflecting the unabridged student academic history at Suffolk University. Transcripts include course work from other institutions whose credits are awarded at the time of entrance or approved transfer credit after the student enrolls at the University.

The University reserves the right to refuse to issue a transcript of any student who has not fulfilled all financial obligations due to the University. A financial hold will be placed on a student record if the student is either delinquent or has defaulted on loans and/or has not completed required financial exit interviews or counseling.

[Transcript requests](#) must be submitted online or in writing to the [Office of the Registrar](#).

• Validation Credit: Sawyer Business School

Selected business courses taken elsewhere at the freshman or sophomore level, but offered by Suffolk University at the junior or senior level, require validation in order to be eligible for transfer of credit. In order to validate a course, students must have:

- Earned a grade of “C” or better in the course to be validated; and
- Successfully completed, with a grade of “C” or better at Suffolk University, an advanced course in the subject field for which the transfer course is a foundation.

Upon completion of the advanced course, a student must complete a Validation of Transfer Credit Form in the Registrar’s Office. The course(s) which may be validated will be listed on the student’s Suffolk University transcript and Credit Evaluation. The Credit Evaluation is the student’s original document of transfer credit provided by the Undergraduate Admission Office when the student was first admitted to the University. If a student has taken a junior/senior level course that is not required at Suffolk University, it cannot be validated.

Students May Validate: By Successful Completion (minimum grade of "C") of:

ACCT 321	ACCT 322
FIN 315	FIN 413
ISOM 310	ISOM 313
ISOM 313	ISOM 423
ISOM 423	ISOM 424

When validating, no more than two transfer courses may be applied toward your major requirements.

Questions regarding transfer credit and validation procedures should be referred to the Undergraduate Academic Advising Center, 617-573-8345.

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- Grading System

The following grading system applies to all undergraduate students.

Letter Grade	Honor Point Equivalent per Credit
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	0.7
F	0.0

"A," "A – ," "B+," and "B" are honor grades.

"B – ," "C+," and "C" represent satisfactory work.

"C – ," "D+," "D," and "D – " represent passing but unsatisfactory work.

"F" is a failing grade. It indicates that the student has not completed all course requirements in a satisfactory manner. Students who stop attending a course without having complied with the official withdrawal procedure can anticipate receiving a grade of "F." The "F" grade becomes a permanent part of a student's record and cannot be expunged even if the course is successfully retaken. An undergraduate student who violates the academic honesty policy is subject to an automatic grade of "F".

"I" (Incomplete) indicates a student has done passing work in a course but has not yet submitted all the outstanding work required for a formal evaluation. The "I" is awarded at the instructor's discretion, only if the student has completed at least half of the course requirements satisfactorily at the end of the semester, and there is a reasonable expectation that all course requirements can be completed in one academic year. An "I" must be formally re-evaluated by the instructor within one academic year, resulting in an evaluation grade or an extension of the "I," or it automatically converts to an "F*."

Students must complete coursework with the original instructor. The change in the "I" grade must be made by the original instructor, and in his or her absence, by the department chair. If this is not possible, arrangements must be made through the department chair in concurrence with an assigned instructor.

"IP" (In Progress) can be issued where by nature of the course content the course may not be complete by the end of the term. IP grades automatically convert to an "F*" after one academic year.

"W" signifies official withdrawal from a course. A "W" is assigned administratively if a student:

1. Drops a course, following proper university procedure, between the end of the drop/add period and the withdrawal deadline of the semester, or
2. Drops a course or withdraws from school after the deadline of the semester with the written approval of the Students Affairs office. Permission is given only for valid cause such as debilitating illness, relocation, serious family crisis or other circumstances beyond the student's control.

"AU" (Audit): In an audited course, a student will not receive credit or honor points; however, a student must pay the same tuition as if taking the course for credit. Under no circumstances may a student change from the evaluative letter grade system to audit or vice versa after the first two weeks of classes.

A student who audits a course is responsible for attending classes and completing required coursework.

"P" (Pass): A Pass-Fail option is available to students in lieu of a traditional letter grade subject to the following limitations and regulations:

Eligibility is restricted to students in good academic standing who have completed a minimum of 15 semester hours of coursework at Suffolk University. This option is limited to 12 credits per student. The pass/fail option may not be used for courses that fulfill general college requirements or major or minor requirements. The pass/fail option is only applicable to elective courses.

Students will designate courses as Pass-Fail after registration, but before the end of the course change period, by completing a [Pass/Fail Declaration Request form](#). No changes from the designation of Pass-Fail to the letter grade system or vice versa are permitted after the course change period has elapsed at the opening of any semester or summer session. A Pass may be applied toward fulfilling degree credits, but may not be applied toward the quality point average.

Students planning to attend law school or other graduate schools should be aware that many professional and graduate schools prefer students to submit traditional letter grades.

"PC" (Pass/Credit) is awarded in courses successfully completed with a grade of "C" or better at an affiliated study abroad program or approved course work at a consortium institution after matriculation at Suffolk University. "PC" grades may be applied toward fulfilling degree credits, but they may not be applied toward the quality point average.

"NP" (No Pass) is awarded in courses unsuccessfully completed at an affiliated study abroad program or approved course work at a consortium institution after matriculation at Suffolk University. "NP" grades do not earn academic credit and are not applied toward the quality grade point average.

Courses officially dropped during the add/drop period will not appear on the student's record.

- ## Grievances - Grades and Academic Complaints

Grade Grievances and Academic Complaints regarding CAS* and SBS Courses

***Grade grievances and academic complaints regarding CAS courses will be handled as follows with the exception of medical sciences courses. See the policy below for medical sciences courses.**

A student who believes that an academic evaluation has no basis in fact or is arbitrary should bring this to the attention of the instructor for resolution, preferably within the semester the course is taken. If the complaint is not resolved with the instructor, the student may then bring the complaint to the department chairperson. If the complaint is not resolved equitably after meeting with the department chair, the student may raise the issue with the senior associate dean of students, or designee. Written requests for review by the associate dean of students, or designee, must be submitted no later than the end of the semester following the semester in which the course was taken. Requests for review by the senior associate dean of students, or designee, for courses taken during summer sessions must be submitted by the end of the following fall semester. Complaints from graduating students must be received by the senior associate dean of students, or designee, at least two weeks prior to graduation. The senior associate dean of students, or designee, will make a recommendation to the academic dean of the college, or designee, in which the course is offered, whose decision shall be final.

Grade Grievances and Academic Complaints Pertaining to Radiation Science Courses

A student who believes that an academic evaluation has no basis in fact or is arbitrary should bring this to the attention of the instructor for resolution, preferably within the semester the course is taken. If the complaint is not resolved with the instructor within 10 business days following the complaint, the student may then bring the complaint to the program director. If the complaint is not resolved equitably after meeting with the program director, or after 10 business days of the director receiving the complaint, the student may raise the issue with the dean of students, or designee. Resolution of

the issue, once brought to the dean of students will no longer include any person associated with the Radiation Science Programs, including the director, coordinators, or supervisors. Written requests for review by the dean of students, or designee, must be submitted no later than the end of the semester following the semester in which the course was taken. Requests for review by the dean of students, or designee, for courses taken during summer sessions must be submitted by the end of the following fall semester. Complaints from graduating students must be received by the dean of students, or designee, at least two weeks prior to graduation.

The dean of students, or designee, will make a recommendation to the academic dean of the college, or designee, within 15 business days of receiving the formal complaint. It is the responsibility of the academic dean, or designee, to come to a resolution of the complaint within 15 business days of receiving the recommendation from the dean of students, whose decision shall be final.

The above policy applies to students enrolled in any Radiation Science courses. These courses are offered by the Physics Department and are designated by PHYS-XXX, where XXX is the course number.

• Undergraduate Academic Honesty

Academic Honesty Policy for All Undergraduate Students

Suffolk University fosters engaged learning, rigorous scholarship and innovative thinking in our students, faculty, staff and programs. Academic honesty in one's work, words, ideas and actions are central to this vision. We are committed to academic freedom, the intellectual exchange of ideas and the development of knowledge which can only be achieved when academic integrity is present.

Overview

Students are expected to conduct themselves with integrity. In classrooms and laboratories, at internships, in libraries and in study groups and academic teams, cultivating and practicing honesty lays a foundation for lifelong integrity. Making honest, ethical choices is a necessary step in establishing communities of trust. Academic dishonesty includes four general types of inappropriate behavior: cheating, plagiarism, dishonest conduct and collusion/unauthorized collaboration. Academic dishonesty is not limited to the following examples:

Prohibited Conduct

Cheating on examinations, plagiarism, and/or improper acknowledgement of sources in essays or research papers, using unauthorized materials, prepared answers, teacher's manuals, study guides or written notes, unauthorized collaboration on homework or computer assignments and the use of a single essay, paper or any assignment or work presented in more than one course, without the permission of the instructor, constitute unacceptable academic conduct.

It is dishonest to buy, sell, download, borrow, or lend papers or to copy material from computer resources. It is unacceptable to make up or falsify data that are supposed to be collected from survey, experimentation, or other means. Work that is represented as yours should be your own; if not, the source should be properly identified. This applies to lab reports, computer projects, and group projects as well as to individual assignments. Copying and pasting material from the Internet or other sources without proper citation is prohibited. Lack of knowledge or ignorance of how to properly cite sources is not an acceptable excuse. Using cell phones, calculators or other electronic means when not approved is prohibited.

If the course expectations around academic integrity are not clear, students are encouraged to seek clarification from the instructor early in the course schedule.

Instructors who suspect academic dishonesty should report incidents to the Office of Student Affairs. Reports will be addressed through the Community Standards and the Student Discipline System. An undergraduate student who has been found to have violated this policy is subject to a range of sanctions as outlined in the Community Standards and Student Discipline System.

- ## Early Alert

The [Early Alert](#) process identifies students who may be academically at risk, before week five of the semester. The Faculty alert students who are at risk of failing a course if they are struggling with course content, not completing assignments, not attending classes regularly, or if they have second language issues or deficiencies. University staff outreach to all alerted students and connect them with the appropriate support services to help them achieve success.

- ## Final Examinations

Final exam dates are posted in the [academic calendar](#). Individual course final exams display in the [online course search](#).

- ## Grades

Grades are available [online](#) soon after the conclusion of each semester.

Students are solely responsible for their academic progress and should confer immediately with their academic advisor in the event their performance becomes substandard. Failure to maintain satisfactory progress can lead to loss of financial aid, academic probation, or dismissal, or other equally serious consequences.

- ## Honor Points

Scholastic averages are computed by multiplying the credit hours by the honor point equivalent. For example, a 4 credit course evaluated as "A" will be counted as 16 honor points (4 credits multiplied by 4.0 = 16). Grades of "I," "W," "P," "IP," "AU," "NC," and "PC" are not computed in determining Honor Points, and have no impact on a student's scholastic average.

A cumulative average of 2.0 (C) and an average of 2.0 (C) or better in one's major, minor, and/or certificate program are required for graduation. Students are required to monitor their average in their major and minor. The Academic Standing Committee forwards the names of majors at risk to the academic departments.

- **Repeating a Course**

Students may retake any course for credit by paying the appropriate tuition. When a student repeats a course, all grades will appear on a student's transcript; however, only the most recent evaluative course grade will be used to compute the cumulative grade point average. Grades of "P," "I," "W," "NC," and "PC" issued in repeat courses are excluded in calculating the new GPA. When repeating courses, only one course may be used for credit to fulfill degree requirements. A student may repeat a course a maximum of two times. Students receiving federal financial aid should refer to [Satisfactory Academic Progress](#) regulations for financial aid eligibility when repeating a course.

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Eligibility for Degree

In order to be eligible to receive a bachelor's degree from the University, a student must:

- Earn at least 126 semester hours in the College of Arts & Sciences; 124 semester hours in the Sawyer Business School; or 124 semester hours in the New England School of Art and Design
 - Achieve not less than a 2.0 cumulative grade point average and earn a minimum 2.0 grade point average or higher in the major
 - Achieve a minimum 2.0 grade point average or higher in the minor, if applicable
 - Meet all the academic requirements for his/her particular degree (eight years is the normal limit for completion of a part-time or an interrupted degree program)
 - Complete a minimum of 45 semester hours at Suffolk
 - Complete major residency requirement
 - Complete minor residency requirement, if applicable
 - Complete the final 30 semester hours at Suffolk
 - Complete at least 30 semester hours of business coursework at Suffolk (Sawyer Business School students only)
 - Complete at least 60 semester hours of coursework at Suffolk in order to be considered for scholastic honors
-
- Application for Degree

Students are required to submit an application for degree to the Registrar's Office by the published deadline. It is expected that all obligations to the University, both academic and financial, will be completed at the close of that semester. Failure to comply with this requirement will delay graduation and participation in commencement to some future time.

- ## Commencement Exercise Eligibility

In addition to those students who have completed in quality and quantity the requirements for their respective degrees, students may participate in commencement if they have officially applied as a September candidate, are enrolled in their remaining requirements in the subsequent summer sessions, have satisfied all other degree requirements, and have fulfilled all financial obligations to the University.

September degree candidates petitioning to participate in the May commencement ceremony must apply by February 1 and be enrolled in all outstanding requirements in the subsequent summer sessions by May 1. Approval of the petition is contingent upon satisfying the conditions listed above.

- ## Graduating with Honors

See [Academic Honors](#).

- ## Substitutions & Waivers

Major & Minor:

Students may file a petition for a major or minor requirement substitution with their academic advisor and major department chair. The academic department chair and appropriate Dean's Office must approve major and minor requirement substitutions.

Core & Degree Requirement:

Students may file a petition for core and/or Degree requirement substitutions and waivers only with the appropriate Dean's Office for their degree.

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

[Undergraduate Advising](#)

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

[Student Handbook](#)

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Policies

- [Academic Honors](#)
- [Academic Standing](#)
- [Credits](#)
- [Grading](#)
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Registration

Registration materials (program evaluations, transcripts, course schedules, etc.) are available to all students [online](#) prior to faculty advising at the beginning of each term's pre-registration.

Newly accepted and re-entry students will receive information regarding orientation and/or registration from the [Office of Undergraduate Admission](#).

Late Registration

Registration is closed after the first full week of classes in any semester. [Late registration fees](#) apply to any registration submitted once the term begins.

Add/Drop or Change of Course

Students may add, drop, or change courses online based upon availability and eligibility during the first week of the term. Refer to the [academic calendar](#) for add and drop dates.

Pass/Fail

See [grading](#) page.

Auditing a Course

In an audited course, a student will not receive credit or honor points; however, a student must pay the same tuition as if taking the course for credit. Under no circumstances may a student change from the evaluative letter grade system to audit or vice versa after the first two weeks of classes.

A student who audits a course is responsible for attending classes and completing required coursework.

- **Attendance**

Federal regulations require universities receiving federal funding to implement a policy monitoring student attendance in class.

Instructors are responsible for establishing the requirements for attendance and participation in each of their classes and for informing students of these requirements at the beginning of each course.

The Office of Health & Wellness Services does not excuse student absences. The student, when absent from class, has the responsibility of obtaining knowledge of materials covered in classes missed, including information about announced tests, papers, or other assignments.

- **Leave of Absence and Withdrawal from the University**

There may be times due to personal, medical or other reasons when a student may need to take a leave of absence or withdraw from the university. A leave of absence is taken when a student is away from the university for a portion of a term, a term or longer but intends to return to Suffolk to take classes in the future. A student may withdraw from the University when he/she no longer wishes to take courses for the current term or at any time in the future. Before a student decides to take a leave of absence or withdraw from the University, he/she is encouraged to speak with the Student Affairs Office to discuss options. Students should contact the Student Affairs Office at 617.573.8239 to schedule an in person or telephone appointment or email the office at studentaffairs@suffolk.edu.

Leave of Absence

Students who are temporarily unable to continue their education at Suffolk University may [apply for a leave of absence](#) by submitting a leave of absence form to the Student Affairs Office. A leave of absence may be granted for two consecutive or two non-consecutive semesters (excluding summers). A student applying for a leave of absence must provide an expected date for return. Students on leave will be required to meet the degree requirements under which they were admitted. A leave of absence may not be used for the purpose of taking academic courses at another institution with the intent of transferring the credits to Suffolk University. Students requesting a leave of absence for military duty are permitted to extend their leaves of absence beyond two non-consecutive terms.

A matriculated student who does not return for reregistering at the specified semester will be classified as an official withdrawal and must apply for readmission through the Office of Undergraduate Admission.

Current/Returning Students Wishing to Withdraw from the University

Students who are transferring to another institution or students who do not plan to return to Suffolk University in the future must submit a Withdrawal Form to the Student Affairs Office. The University's refund policy will determine refunds. Withdrawal Form are available online at www.suffolk.edu/withdrawal.

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

[Undergraduate Advising](#)

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

[Student Handbook](#)

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Change of Address/Name

Students are required to notify the Registrar of any change of home or local address within 48 hours of the effective change date, parent or guardian, or any change of legal name. Suffolk University requires a student's legal name be used on academic records and other official University documents.

All Suffolk University students are required to submit (or confirm) current [emergency contact information](#) each semester and when such information changes.

Academic Record Status

Student academic records are sealed at the time the degree is conferred. After this date, changes cannot be made to majors and minors, academic honors, removal of incompletes, grade changes, or other changes to an academic record.

Transcripts

See [Transcripts](#).

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

[Undergraduate Advising](#)

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College of Arts & Sciences

College of Arts & Sciences Undergraduate Programs

Mission Statement

The College of Arts & Sciences has as its credo that liberal learning prepares students of all ages and backgrounds to live more fulfilling lives, to appreciate and contribute to the communities of which they are members and to reach their ethical, personal, intellectual and financial goals. To help its students maximize their potential, the College emphasizes critical and analytical thinking through a rigorous “success skills” undergraduate core program in written and oral communication, computing, analyzing and integrating. Faculty scholarship supports diversified liberal arts concentrations available in the humanities, the natural sciences and the social sciences, along with graduate programs in several fields, most offering career-related professional program tracks and practical experience on or off campus.

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Degrees

The College of Arts & Sciences offers the following undergraduate degrees:

- [Bachelor of Arts \(BA\)](#)
- [Bachelor of Fine Arts \(BFA\)](#)
- [Bachelor of Science \(BS\)](#)
- [Bachelor of Science in Engineering \(BSE\)](#)
- [Bachelor of Science in Journalism \(BSJ\)](#)
- [Bachelor of General Studies \(BGS\)](#)
- [Associate of Arts \(AA\)](#)
- [Associate of Science \(AS\)](#)
- [Associate of Science in Paralegal Studies \(ASPS\)](#)

Each academic department specifies whether students majoring in that department may earn the BA, the BS, or have a choice of the BA or BS. All degree programs provide a broad liberal arts background and specialization within a single major field or divisional concentration.

A minimum of 126 semester hours is required for the bachelor's degree (124-hour requirement for the BFA) and 64 for the associate's degree.

See all [Majors and Minors](#) offered by the College of Arts & Sciences (CAS).

• Degree Requirements

Within the semester-hour requirements for bachelor's and associate's degrees, certain courses and options must be taken as requisites to the degrees. Core Requirements provide the basic knowledge and skills necessary for successful academic work at higher levels, and the breadth of knowledge in many fields that is fundamental to liberal education. Major Requirements provide the specialized knowledge, training, and experience necessary in preparing for a career or vocation.

To complete any major in CAS, students are required to take a minimum of 12 semester hours of courses in the major department at Suffolk University. Students must achieve a minimum 2.0 grade point average in their major. Courses that are taken as part of a student's Major or Complementary Major Requirements, which are also listed under the College Requirements, can be used to satisfy both Major and Core

Requirements. These courses count only once toward the 126-hour requirement for bachelor's degrees (124-hour requirement for the BFA) and the 64-hour requirement for associate's degrees. Individual exemptions from Core Requirements, based on examination and recommendation of the appropriate departments, may be granted by the dean of the College of Arts & Sciences. Semester-hour credit is not granted for such exemptions.

Students should have finished WRI-101 and WRI-102 or authorized equivalents by the time they have reached 64 credits. Delaying the first-year writing requirement may impair performance in upper-division courses and make it difficult to graduate on schedule. Upper-division students who have not completed all writing requirements should do so before they achieve senior status.

• Declaring a Major

An academic major program enables a student to concentrate a portion of his or her studies in a specific subject area. Choosing a major is a serious decision, since it will have a significant impact on a student's future. Although many students come to the University with a specific major in mind, many other students decide to postpone the declaration of a major until they find out more about certain fields and concentrations of study. These latter students leave open their choice of a major, and are thus referred to as "open" majors. In general, students do not have to select their major until the second semester of their sophomore year.

Students wishing to change majors need to obtain a "[Change of Major Form](#)" at either the [Office of the Registrar](#) or the [Undergraduate Academic Advising Center](#) (or their respective websites). This form should be brought to the new major department for advisor assignment. The form is then submitted either by the new department or by the student to the Office of the Registrar.

• Double Majors

Double majors are permitted, provided:

1. The two majors are in two different departments in the College of Arts & Sciences. (The departments of World Languages & Cultural Studies, Mathematics & Computer Science, and Physics & Engineering are joint departments but should be considered to be two separate departments when interpreting this requirement. Similarly, the Graphic Design/Fine Arts and Graphic Design/Interior Design programs should be considered as separate departments for the purposes of double majors.);
2. The student has completed the major requirements and the complementary major requirements for each major field. Advisors for each of the two proposed major departments advise the candidate concerning the proposed double major and help the candidate to plan, coordinate, and implement a program which interrelates (where possible) the two proposed major disciplines. At some point after the first year, but not later than the end of the junior year, the student should declare the double major. The double major approval form, signed by both advisors, must be submitted to the CAS Dean's Office for approval. A student declaring a double major must have a GPA of 2.0 or higher and must maintain a minimum 2.0 GPA in both majors.

To qualify for a double major, a student may use no more than 4 courses from a given major toward the second major.

These restrictions on the number of courses that may be counted toward two majors do not apply to prerequisite, co-requisite, or complementary major requirements of the majors.

CAS students wishing to double major with the Sawyer Business School must consult with the SBS double major coordinator during the initial application process and must adhere to the CAS Double Major criteria.

- ## Dual Degrees

A student may earn two different degrees (e.g., BFA/BA) when the requirements of both degrees, plus a minimum of an additional 30 credit hours of academic work, have been completed. A student seeking a dual degree must have a GPA of 2.0 or higher and must maintain a minimum 2.0 GPA in both majors and degrees. The dual degree approval form, signed by both advisors, must be submitted to the CAS Dean's Office for approval.

- ## Minor Programs

Any department within the College of Arts & Sciences may establish a formal minor program. A department's minor program shall be available to any student not majoring in that department.

A minor program is optional for any student and is not required for graduation. A student should consult as early as possible with his or her advisor, and with a member of the department in which he or she intends to minor, regarding minor requirements. Students must achieve a minimum GPA of 2.0 in their minor.

A student declaring a minor may use no more than 2 courses from a major to fulfill the requirements for the minor. No more than 1 course from one minor may count toward the fulfillment of a second minor. Students may not minor in a subject in which they are also completing a major.

The departments of Communication & Journalism, Mathematics & Computer Science, Physics & Engineering, and World Languages & Cultural Studies should each be considered to be two separate departments when considering major/minor combinations. Similarly, the Fine Arts, Foundation, Graphic Design, Illustration, and Interior Design programs should be considered as separate departments for the purposes of minors. Please note that, while Interior Design BFA candidates may minor in another NESAD major program, there is no Interior Design minor. Students majoring in Sociology may complete the minor in Education Studies (administered by the Department of Sociology), and students majoring in Government may complete the minor or the certificate in Applied Legal Studies (administered by the Department of Government).

These restrictions on the number of courses that may be counted toward the minor do not apply to prerequisite, co-requisite, or complementary requirements of other declared majors or minors.

Students must complete a minimum of 8 credits within their minor department at Suffolk University.

- ## Business Minors for CAS Students

A College of Arts & Sciences student seeking a Business Minor should consult with the [Undergraduate Academic Advising Center](#). Additionally, students may be advised to meet with specific faculty specialists in their area of interest. Please refer to the [Sawyer Business School section](#) of this catalog for program details.

The Sawyer Business School offers two types of business minors to College of Arts & Sciences students:

The **General Business Minor** appeals to students who choose to develop a basic understanding and appreciation of business administration.

The **Functional Business Minor** is for CAS students who would like to minor in a specific business discipline.

• Second Baccalaureate Degree

Students with an earned baccalaureate degree from an accredited four-year institution may apply for admission to an accelerated second bachelor's degree program in the College of Arts & Sciences. By transferring prior coursework to satisfy the all-college requirements and by completing all departmental requirements for the new major, a student could earn a second baccalaureate in as little as one academic year.

All applications must be initiated in the [Office of Undergraduate Admission](#). A candidate will be referred to the appropriate department chair for advising. The Office of Undergraduate Admission will then accept and evaluate all outstanding college requirements.

If accepted, a candidate would be required to successfully complete a minimum of 45 credit hours of new coursework and satisfy any outstanding general all-college requirements. Candidates deemed under-prepared to begin a second baccalaureate degree by the department chair could be required to complete prerequisite studies as a condition of admission to the program.

• Associate Degrees

An associate degree is designed as a two-year program. Credits earned toward the associate degree may be transferred to a four-year program at another institution; may be used to allow the student to re-enter college after an absence; or may be converted to a four-year degree program at Suffolk University if the student's educational objectives change. The College of Arts & Sciences offers an Associate of Arts (AA) degree, an Associate of Science (AS) degree, and an Associate of Science in Paralegal Studies (ASPS) degree.

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Associate of Arts Degree

Requirements for the Associate of Arts Degree

The AA degree program requires the successful completion of the following courses:

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. First-Year Writing (8 HRS)

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- WRI-102 First Year Writing II

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

(A student may be assigned to other writing courses or may be invited to take WRI-103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.)

c. Literature (4 HRS)

Choose 1 course from those listed below:

English:

- ENG-213 English Literature I

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

World Languages & Cultural Studies:

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-310 Masterpieces of German Literature**

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement, BA FOREIGN

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

d. Math (4 HRS)

Choose any Math course at level 128 or higher.

e. Ethical and Philosophical Inquiry (4 HRS)

Choose 1 course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

f. Humanities/History (4 HRS)

Choose 1 course from those listed below:

American Studies:

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Humanities & History, Humanities Literature Requirement

Black Studies:

- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Communication:

- CJN-114 Great Works of Journalism

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Humanities & History

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

• CJN-366 Great Film Directors

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

• CJN-485 Rhetoric of Protest & Reform

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

English:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia) , One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

History: Choose any History course

NESAD:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

- **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroo

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

Humanities Literature Requirement,Humanities & History

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

- **ADI-221 History of Furniture & Architecture I**

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History,Humanities Literature Requirement

- **ADI-222 History of Furniture & Architecture II**

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Philosophy:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-223 Philosophy in Literature**

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-253 The Philosophy of America

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-255 Science, Myth, and Society

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-260 Philosophy of Religion

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

Theatre:

- **THETR-225 Intro to Theatre Arts**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• THETR-226 Intro to Theatre Arts II

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-227 Introduction to Theatre Arts III

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern

theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-310 Broadway Musicals

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-331 Set Design

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-489 Performance Studies**

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

World Languages & Cultural Studies:

• FR-320 French & Francophone Cinema

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-301 German Civilization I**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• SPAN-301 Spanish Culture and Civilization

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-302 Indigenous and Colonial Latin America

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

Or choose any course with a HUM, ARH, or MUH designator, with the exception of HUM-120 and HUM-121.

g. Language (8 HRS)

Choose any 2 courses taught in one language other than English offered by the World Languages & Cultural Studies Department.

h. Social Science (4 HRS)

Choose 1 course from those listed below:

Applied Legal Studies:

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

Type:

Social Science

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

Cultural Diversity Opt A

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

Social Science

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness and change processes. Normally offered yearly.

Type:

Social Science

- CJNI-400 Media Effects & Audiences

Prerequisites:

Prerequisite: CJNI-255

Credits:

4.00

Description:

This course will explore the social influence of the media on American society. Attention will be given to the theoretical perspectives that inform media research. By the end of the semester, students should have developed a critical understanding of the role and influence of the media in American society.

Term:

Offered Fall Term

Type:

Social Science

Economics: Choose any Economics course except EC-431 and EC-460

Education Studies: Choose any Education Studies course

German:

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

Government: Choose any Government course except GVT-201

Psychology: Choose any Psychology course except PSYCH-215

Sociology:

- SOC-113 Introduction to Sociology

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-217 Sociology of Urban Life**

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

Type:

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

Type:

Social Science

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-264 Social Media and Society**

Credits:

4.00

Description:

An examination of the ways in which social structures and processes influence and are affected by modern ideas, needs and social practice techniques in technologically advanced societies is considered in conjunction with changes in the way in which we understand the world, the nature of work and leisure, the processing of information and the character of social institutions. Normally offered alternate years. Fulfills the Social Science Option. Fulfills the Sociology Department's Social Policy requirement.

Type:

Social Science

Women's & Gender Studies:

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will include the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A, Social Science, Diverse Perspectives

i. Sciences (8 HRS)

Choose 2 STE (Science, Technology, and Engineering) science courses (and corresponding laboratory if applicable) from the list below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Computer Science:

Electrical Engineering:

- ECE-288 Measuring the World

Credits:

4.00

Type:

SCI TECH ENGNR

Engineering Science:

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **ENS-L103 Intro to Engineering Lab**

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

Environmental Science:

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• ENVS-L111 Majors' Environmental Science Lab

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error

propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-151 University Physics I

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-L151 University Physics Lab I

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

Science:

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be

accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

• SCI-112 Astronomy II

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• SCI-L112 Astronomy Lab II

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR

• SCI-184 Contemporary Science and Innovation

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

• SCI-201 Physics for Future Presidents

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

Some Science Division courses may have math or computer science prerequisites; many have other science prerequisites.

II. Free Electives (16 HRS)

III. Cultural Diversity Requirement (4 HRS)

Choose 1 course from Group A or 1 course from Group B

Cultural Diversity Group A (4 HRS)

or

Cultural Diversity Group B (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking a course bearing the Cultural Diversity Designation. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings), or may be used as electives. Courses that satisfy this requirement are identified on the [Cultural Diversity Requirement Course Lists](#) page.

Minimum Total Credits Required for Graduation: 64 HRS

2014-2015 Archived Catalog Information

Associate of Science Degree

Requirements for the Associate of Science Degree

The AS degree program requires the successful completion of the following courses:

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university works are exempt.)

b. First-Year Writing (8 HRS)

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- WRI-102 First Year Writing II

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

(A student may be assigned to other writing courses or may be invited to take WRI-103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.)

c. Literature (4 HRS)

Choose 1 course from those listed below:

English:

- **ENG-213 English Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

• ENG-217 American Literature I

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

• ENG-218 American Literature II

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

World Languages & Cultural Studies:

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

- GER-218 Grimms' Fairy Tales

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

- GER-310 Masterpieces of German Literature

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• SPAN-402 Social Literature of Latin America

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• SPAN-405 Women's Voices in Latin America

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-416 Border Crossings the Latino Experience in the USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

- **SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film**

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

d. Math (4 HRS)

Choose any Math course at level 128 or higher.

e. Quantitative Reasoning (4 HRS)

Choose 1 course from those listed below:

Biology:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

Communication:

- CYN-210 Communication Research Statistics

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Computer Science: Choose any CMPSC Course

Economics:

- EC-431 History of Economic Thought

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists,

and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-460 Game Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

Type:

Quantitative Reasoning

Government:

- **GVT-201 Statistics for Political Science**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

This course is an introduction to statistics and empirical research methods generally used in political science. The course will emphasize the use of statistics and its value in substantive political science research. Statistics is a tool for drawing conclusions and making inferences from observable evidence. As well, the specification of conditions under which evidence is observed affects the conclusions and arguments that political scientists draw about how social and political processes work. The purpose of this course is to equip students with tools to interpret and conduct original data analysis, critique and make an argument based on data, and provide a view into the process of political science research and how political scientists use statistical methods and research design to answer substantive questions about politics. Since most applied data analysis utilizes data management software, students will learn how to use SPSS as a tool for conducting data analysis. Prerequisites: Sophomore Standing, GVT 110 and 120 and Math 130 or instructor's consent. 1 term - 4 credits.

Type:

Quantitative Reasoning

Philosophy:

- PHIL-212 Formal Logic

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Reasoning

Psychology:

- **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Sociology:

- **SOC-212 Statistics for Sociology**

Prerequisites:

SOC-113 OR SOC-116 and MATH-128 or higher

Credits:

4.00

Description:

In this course, students will be introduced to descriptive and basic inferential statistical techniques. The course will provide information on the following topics: Description - measures of central tendency (mean, median, mode) and measures of dispersion (range, standard deviation); logic of statistical inference, including normal curve and sampling distribution; hypothesis testing with one sample and two samples; measures of association between two variables (bivariate analysis), including chi-square, regression, and correlation; and introduction to multivariate regression. Students will utilize

SPSS (Statistical Package for the Social Sciences) software to input and analyze data. The goals of the course are for students to appreciate the need for statistical methods in the broad field of sociology and to gain basic statistical literacy.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Statistics:

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

f. Ethical and Philosophical Inquiry (4 HRS)

Choose 1 course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1

term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

g. Humanities/History (8 HRS)

Choose 2 courses from those listed below:

American Studies:

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Humanities & History, Humanities Literature Requirement

Black Studies:

- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Humanities & History

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

English:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including *Don Quixote* (Spain), *Faust* (Germany), *Madame Bovary* (France), *War and Peace* (Russia), *One Hundred Years of Solitude* (Colombia), *The Rouge of the North* (China), *The Secret Life of Saeed the Pessoptomist* (Israel), and *So Long a Letter* (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

History: Choose any History course

NESAD:

- ADF-181 Ideas of Western Art I

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- ADF-182 Ideas of Western Art II

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Asian Studies, Humanities & History, Expanded Classroom

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

- **ADI-221 History of Furniture & Architecture I**

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ADI-222 History of Furniture & Architecture II

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

Philosophy:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-211 History of Modern Philosophy

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-219 Philosophy of Art

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-223 Philosophy in Literature

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-253 The Philosophy of America**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-255 Science, Myth, and Society

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-260 Philosophy of Religion**

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

Theatre:

• THETR-225 Intro to Theatre Arts

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• THETR-226 Intro to Theatre Arts II

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

- **THETR-227 Introduction to Theatre Arts III**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

- **THETR-310 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-331 Set Design

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History,Humanities Literature Requirement

• THETR-489 Performance Studies

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by

ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

World Languages & Cultural Studies:

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-301 German Civilization I**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-302 German Civilization II

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and it's legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• SPAN-301 Spanish Culture and Civilization

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-302 Indigenous and Colonial Latin America

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

Or choose any course with a HUM, ARH, or MUH designator, with the exception of HUM-120 and HUM-121.

h. Social Sciences (4 HRS)

Choose 1 course from those listed below:

Applied Legal Studies:

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

Type:

Social Science

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

Social Science

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

• **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

• **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness and change processes. Normally offered yearly.

Type:

Social Science

- **CJN-400 Media Effects & Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

This course will explore the social influence of the media on American society. Attention will be given to the theoretical perspectives that inform media research. By the end of the semester, students should have developed a critical understanding of the role and influence of the media in American society.

Term:

Offered Fall Term

Type:

Social Science

Economics: Choose any Economics course except EC-431 and EC-460

Education Studies: Choose any Education Studies course

Government: Choose any Government course except GVT-201

German:

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

Psychology: Choose any Psychology course except PSYCH-215

Sociology:

- SOC-113 Introduction to Sociology

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-217 Sociology of Urban Life**

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

Type:

Social Science,Cultural Diversity Opt A,Expanded Classroom Requirement

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

Type:

Social Science

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

Type:

- **SOC-264 Social Media and Society**

Credits:

4.00

Description:

An examination of the ways in which social structures and processes influence and are affected by modern ideas, needs and social practice techniques in technologically advanced societies is considered in conjunction with changes in the way in which we understand the world, the nature of work and leisure, the processing of information and the character of social institutions. Normally offered alternate years. Fulfills the Social Science Option. Fulfills the Sociology Department's Social Policy requirement.

Type:

Social Science

Women's & Gender Studies:

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will include the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

i. Sciences (8 HRS)

Choose at least 1 science course with a laboratory (L). (Some courses may both be designated STE and have a laboratory.)

Choose 1 STE (Science, Technology, and Engineering) science course (and corresponding laboratory if applicable) from the list below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGNR

Chemistry:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Computer Science:

Electrical Engineering:

- ECE-288 Measuring the World

Credits:

4.00

Type:

SCI TECH ENGNR

Engineering Science:

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **ENS-L103 Intro to Engineering Lab**

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

Environmental Science:

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• ENVS-L111 Majors' Environmental Science Lab

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error

propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

Science:

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-112 Astronomy II**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-L112 Astronomy Lab II**

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-201 Physics for Future Presidents**

Credits:

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

Some Science Division courses may have math or computer science prerequisites; many have other science prerequisites.

II. Free Electives (16 HRS)**III. Cultural Diversity Requirement (4 HRS)**

Choose 1 course from Group A or 1 course from Group B.

Cultural Diversity Group A (4 HRS)

or

Cultural Diversity Group B (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking a course bearing the Cultural Diversity Designation. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings), or may be used as electives. Courses that satisfy this requirement are identified on the [Cultural Diversity Requirement Course Lists](#) page.

Minimum Total Credits Required for Graduation: 64 HRS

2014-2015 Archived Catalog Information

Associate of Science in Paralegal Studies

Requirements for the Associate of Science in Paralegal Studies Degree

The ASPS degree program requires the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. First-Year Writing (8 HRS)

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- WRI-102 First Year Writing II

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

(A student may be assigned to other writing courses or may be invited to take WRI-103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.)

d. Math (4 HRS)

Choose any Math course at level 128 or higher.

e. Ethical and Philosophical Inquiry (4 HRS)

Choose 1 course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

e. Humanities/History (4 HRS)

Choose one course from those listed below:

American Studies:

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Humanities & History, Humanities Literature Requirement

Black Studies:

- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Communication:

- CJN-114 Great Works of Journalism

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Humanities & History

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

• CJN-366 Great Film Directors

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

• CJN-485 Rhetoric of Protest & Reform

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

English:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia) , One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

History: Choose any History course

NESAD:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

- **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroo

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

Humanities Literature Requirement,Humanities & History

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

- **ADI-221 History of Furniture & Architecture I**

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History,Humanities Literature Requirement

- **ADI-222 History of Furniture & Architecture II**

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Philosophy:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-223 Philosophy in Literature**

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-253 The Philosophy of America

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-255 Science, Myth, and Society

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-260 Philosophy of Religion

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

Theatre:

- **THETR-225 Intro to Theatre Arts**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• THETR-226 Intro to Theatre Arts II

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-227 Introduction to Theatre Arts III

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern

theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-310 Broadway Musicals

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-331 Set Design

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-489 Performance Studies**

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

World Languages & Cultural Studies:

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-301 German Civilization I**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• SPAN-301 Spanish Culture and Civilization

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-302 Indigenous and Colonial Latin America

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

Or choose any course with a HUM, ARH, or MUH designator, with the exception of HUM-120 and HUM-121

f. Social Science (4 HRS)

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each

semester.

Type:

Social Science

g. Science (8 HRS)

Choose at least 1 science course with a laboratory (L). (Some courses may both be designated STE and have a laboratory.)

Choose 1 STE (Science, Technology, and Engineering) science course (and corresponding laboratory if applicable) from the list below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGNR

Chemistry:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Computer Science:

Electrical Engineering:

- ECE-288 Measuring the World

Credits:

4.00

Type:

SCI TECH ENGNR

Engineering Science:

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic

kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions,

particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

Science:

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be

described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-112 Astronomy II**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-L112 Astronomy Lab II**

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR

• SCI-184 Contemporary Science and Innovation

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

Some Science Division courses may have math or computer science prerequisites; many have other science prerequisites.

II. Major Requirements (8 HRS)

III. Cultural Diversity Requirement (4 HRS)

Choose 1 course from Group A or 1 course from Group B.

Cultural Diversity Group A (4 HRS)

or

Cultural Diversity Group B (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking a course bearing the Cultural Diversity Designation. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings), or may be used as electives. Courses that satisfy this requirement are identified on the [Cultural Diversity Requirement Course Lists](#) page.

Minimum Total Credits Required for Graduation: 64 HRS

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Bachelor in General Studies

Bachelor in General Studies (BGS)

The Bachelor in General Studies degree is an alternative to the traditional department-centered baccalaureate program. A student follows the core requirements of the Bachelor of Science degree and then takes 44 hours within one of the five interdepartmental clusters -- Humanities, Social Sciences, Life Sciences, Physical Sciences, or Visual Arts -- in place of a single departmental concentration.

The degree is designed principally to meet the needs of transfer students and adult learners returning to the college after an absence of several years. The degree allows the student with an eclectic set of transfer credits to earn a bachelor's degree. The BGS is not appropriate for most students planning to go on to graduate or professional study. A student seeking a BGS should consult with the [Office of Undergraduate Admission](#) and a department chair in the proposed Interdepartmental Cluster prior to enrolling in this degree program.

Composition of the Interdepartmental Clusters:

Humanities:

- Communication & Journalism (courses as designated by the department)
- Theatre Arts
- English
- History
- World Languages & Cultural Studies
- Philosophy
- Women's & Gender Studies (courses with a humanities focus)

Social Sciences:

- Communication & Journalism (courses as designated by the department)
- Economics
- Education Studies

- Government
- History
- Psychology
- Sociology
- Women's & Gender Studies (courses with a social science focus)

Life Sciences:

- Biology
- Chemistry
- Radiation Science

Physical Sciences:

- Chemistry
- Computer Science
- Electrical Engineering
- Environmental Science
- Environmental Studies
- Mathematics
- Physics

Visual Arts:

- Art Foundation Studies
- Art History
- Fine Arts
- Graphic Design
- Illustration
- Interior Design

2014-2015 Archived Catalog Information

Bachelor of Arts

Requirements for the Bachelor of Arts Degree

All BA degree programs require the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. First-Year Writing (8 HRS)

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- WRI-102 First Year Writing II

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

(A student may be assigned to other writing courses or may be invited to take WRI-103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.)

c. Literature (4 HRS)

Choose 1 course from those listed below:

English

- **ENG-213 English Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

World Languages & Cultural Studies:

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-310 Masterpieces of German Literature**

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement, BA FOREIGN

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

d. Math (4 HRS)

Choose any Math course at level 128 or higher.

e. Ethical and Philosophical Inquiry (4 HRS)

Choose 1 course from those listed below:

- PHIL-119 Ethics

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- PHIL-123 Social Ethics: The Good Life

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics

may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

f. Humanities/History (4 HRS)

Choose 1 course from those listed below:

American Studies:

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Humanities & History, Humanities Literature Requirement

Black Studies:

- **BLKST-100 Introduction to Black Studies I: Survey of the Discipline**

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Humanities & History

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-291 Film Studies: the Modern Era Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-325 World Cinema**

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

Type:

Humanities & History

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

English:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including *Don Quixote* (Spain), *Faust* (Germany), *Madame Bovary* (France), *War and Peace* (Russia), *One Hundred Years of Solitude* (Colombia), *The Rouge of the North* (China), *The Secret Life of Saeed the Pessoptomist* (Israel), and So

Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

History: Choose any History course

NESAD:

- ADF-181 Ideas of Western Art I

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- ADF-182 Ideas of Western Art II

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Asian Studies, Humanities & History, Expanded Classroo

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

Humanities Literature Requirement, Humanities & History

• ADFA-345 Art of India

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

• ADFA-346 Art of the Silk Road

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China,

India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

• **ADI-221 History of Furniture & Architecture I**

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History,Humanities Literature Requirement

• **ADI-222 History of Furniture & Architecture II**

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

Philosophy:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-211 History of Modern Philosophy

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-219 Philosophy of Art

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-223 Philosophy in Literature**

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-253 The Philosophy of America**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-255 Science, Myth, and Society**

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-260 Philosophy of Religion

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

Theatre:

• **THETR-225 Intro to Theatre Arts**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

• **THETR-226 Intro to Theatre Arts II**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-227 Introduction to Theatre Arts III

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- **THETR-310 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-331 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

World Languages & Cultural Studies:

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso,

Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-301 German Civilization I**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-306 German Cinema**

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-412 Contemporary Germany**

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-420 The Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

Or choose any course with a HUM, ARH, or MUH designator, with the exception of HUM-120 and HUM-121.

g. Language (8 HRS)

Choose any 2 courses taught in one language other than English offered by the World Languages and Cultural Studies Department.

h. Social Science (4 HRS)

Choose 1 course from those listed below:

Applied Legal Studies:

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

Type:

Social Science

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and

crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

Cultural Diversity Opt A

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

Social Science

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness and change processes. Normally offered yearly.

Type:

Social Science

- **CJN-400 Media Effects & Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

This course will explore the social influence of the media on American society. Attention will be given to the theoretical perspectives that inform media research. By the end of the semester, students should have developed a critical understanding of the role and influence of the media in American society.

Term:

Offered Fall Term

Type:

Social Science

Economics: Choose any Economics course except EC-431 and EC-460

Education Studies: Choose any Education Studies course

German:

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

Government: Choose any Government course except GVT-201

Psychology: Choose any Psychology course except PSYCH-215

Sociology:

- SOC-113 Introduction to Sociology

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-217 Sociology of Urban Life**

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

Type:

Social Science,Cultural Diversity Opt A,Expanded Classroom Requirement

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

Type:

Social Science

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Social Science

• SOC-236 Deviance and Social Control

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

Type:

Social Science

• SOC-264 Social Media and Society

Credits:

4.00

Description:

An examination of the ways in which social structures and processes influence and are affected by modern ideas, needs and social practice techniques in technologically advanced societies is considered in conjunction with changes in the way in which we understand the world, the nature of work and leisure, the processing of information and the character of social institutions. Normally offered alternate years. Fulfills the Social Science Option. Fulfills the Sociology Department's Social Policy requirement.

Type:

Social Science

Women's & Gender Studies:

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will include the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A, Social Science, Diverse Perspectives

i. Sciences (8 HRS)

Choose 2 STE (Science, Technology, and Engineering) science courses (and corresponding laboratory if applicable) from the list below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE

requirement.

Biology:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Computer Science:

Electrical Engineering:

- ECE-288 Measuring the World

Credits:

4.00

Type:

SCI TECH ENGNR

Engineering Science:

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

- **ENS-L103 Intro to Engineering Lab**

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and

integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

• **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

Science:

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-112 Astronomy II**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• SCI-L112 Astronomy Lab II

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

• SCI-165 Inner Workings of Physics Universe

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, SCI TECH ENGNR, NATURAL SCIENCE FOR BS

Some Science division courses may have math or computer science prerequisites; many have other science prerequisites.

II. Major Requirements Minimum (32 HRS)

III. Complementary Major Requirements, Minor Requirements, and Free Electives (varies)

IV. Cultural Diversity Requirement (8 HRS)

Choose 1 course from Group A and 1 course from Group B. (Students with 30+ transfer credits choose one course from Group A or Group B.)

Cultural Diversity Group A (4 HRS)

and

Cultural Diversity Group B (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings) or may be used as electives. Courses that satisfy this requirement are identified on the [Cultural Diversity Requirements Course Lists](#) page.

V. Expanded Classroom Requirement

Credit varies. Students with 45+ transfer credits are exempt. Courses that satisfy this requirement are identified on the [Expanded Classroom Requirement Course List](#) page.

Minimum Total Credits Required for Graduation: 126 HRS

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 HRS.

2014-2015 Archived Catalog Information

Bachelor of Fine Arts Degree

Requirements for the Bachelor of Fine Arts Degree

All BFA degree programs require the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. First-Year Writing (8 HRS)

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- WRI-102 First Year Writing II

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

(A student may be assigned to other writing courses or may be invited to take WRI-103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.)

c. Literature (4 HRS)

Choose 1 course from those listed below:

English:

- **ENG-213 English Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for

individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

World Languages & Cultural Studies:

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-310 Masterpieces of German Literature**

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

d. Math (4 HRS)

Choose any Math course at level 128 or higher.

e. Ethical and Philosophical Inquiry (4 HRS)

Choose 1 course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

f. Humanities/History (4 HRS)

Choose 1 course from those listed below:

American Studies:

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Humanities & History, Humanities Literature Requirement

Black Studies:

- **BLKST-100 Introduction to Black Studies I: Survey of the Discipline**

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Humanities & History

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-291 Film Studies: the Modern Era Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-325 World Cinema**

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

Type:

Humanities & History

- CJNI-366 Great Film Directors

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- CJNI-485 Rhetoric of Protest & Reform

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

English:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia) , One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

History: Choose any History course

NESAD:

- ADF-181 Ideas of Western Art I

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- ADF-182 Ideas of Western Art II

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- ADFA-306 Art & Culture of Asia, Africa, South America and Oceania

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Asian Studies, Humanities & History, Expanded Classroo

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

Humanities Literature Requirement, Humanities & History

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

• **ADI-221 History of Furniture & Architecture I**

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History,Humanities Literature Requirement

• **ADI-222 History of Furniture & Architecture II**

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

Philosophy:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-115 Introduction to Philosophy

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-210 History of Ancient & Medieval Philosophy

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-211 History of Modern Philosophy

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-219 Philosophy of Art

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-223 Philosophy in Literature

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-250 Social & Political Philosophy

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The

class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-253 The Philosophy of America**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-255 Science, Myth, and Society**

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-260 Philosophy of Religion

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

Theatre:

- **THETR-225 Intro to Theatre Arts**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

• THETR-226 Intro to Theatre Arts II

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-227 Introduction to Theatre Arts III

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

- **THETR-310 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

- **THETR-331 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-489 Performance Studies**

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and

identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

World Languages & Cultural Studies:

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-301 German Civilization I

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-302 German Civilization II

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and it's legacy, high culture, entertainment for the masses, environmental

movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-420 The Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-302 Indigenous and Colonial Latin America

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

Or choose any course with a HUM, ARH, or MUH designator, with the exception of HUM-120 and HUM-121

g. Social Science (4 HRS)

Choose 1 course from those listed below:

Applied Legal Studies:

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief

writing. Normally offered each semester.

Type:

Social Science

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

Cultural Diversity Opt A

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

Social Science

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness and change processes. Normally offered yearly.

Type:

Social Science

- **CJN-400 Media Effects & Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

This course will explore the social influence of the media on American society. Attention will be given to the theoretical perspectives that inform media research. By the end of the semester, students should have developed a critical understanding of the role and influence of the media in American society.

Term:

Offered Fall Term

Type:

Social Science

Economics: Choose any Economics course except EC-431 and EC-460

Education Studies: Choose any Education Studies course

German:

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

Government: Choose any Government course except GVT-201

Psychology: Choose any Psychology course except PSYCH-215

Sociology:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-217 Sociology of Urban Life**

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

Type:

Social Science,Cultural Diversity Opt A,Expanded Classroom Requirement

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

Type:

Social Science

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Social Science

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability,

prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-264 Social Media and Society**

Credits:

4.00

Description:

An examination of the ways in which social structures and processes influence and are affected by modern ideas, needs and social practice techniques in technologically advanced societies is considered in conjunction with changes in the way in which we understand the world, the nature of work and leisure, the processing of information and the character of social institutions. Normally offered alternate years. Fulfills the Social Science Option. Fulfills the Sociology Department's Social Policy requirement.

Type:

Social Science

Women's & Gender Studies:

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will include the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the

female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A, Social Science, Diverse Perspectives

h. Sciences (8 HRS)

Choose 2 STE (Science, Technology, and Engineering) science courses (and corresponding laboratory if applicable) from the list below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Computer Science:

Electrical Engineering:

- ECE-288 Measuring the World

Credits:

4.00

Type:

SCI TECH ENGNR

Engineering Science:

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-151 University Physics I

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-153 University Physics III

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

Science:

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

• SCI-112 Astronomy II

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **SCI-L112 Astronomy Lab II**

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

• SCI-201 Physics for Future Presidents

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

Some Science Division courses may have math or computer science prerequisites; many have other science prerequisites.

II. Studio Course Requirements (72 HRS)

Foundation studio courses and major department studio courses as described for each art and design major.

III. Art History Requirements (16 HRS)

a. All BFA candidates are required to take 8 credit hours in the history of the art of western civilization. This requirement may be fulfilled in one of the following ways: Ideas of Western Art I and II (ADF-181, ADF-182) or Art History I and II (ARH-101, ARH-102).

• ADF-181 Ideas of Western Art I

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• ADF-182 Ideas of Western Art II

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

b. Interior Design Majors only are required to take an 8-credit hour sequence in the History of Furniture and Architecture (ADI-221, ADI-222).

- **ADI-221 History of Furniture & Architecture I**

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ADI-222 History of Furniture & Architecture II

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

c. Graphic Design Majors only are required to take a 4-credit hour course on the History of Graphic Design (ADG-224).

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

d. Art History Electives. The art history electives requirement varies according to the student's major, as follows:

Graphic Design Majors (4 HRS)

Fine Arts Majors (8 HRS)

The student must choose among the following Art History electives:

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-306 Art of the Middle Ages

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-307 Art of the Italian Renaissance

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich , Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-311 American Art**

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-316 Contemporary Art

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-321 Women, Art & Society

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,BFA Humanities Requirement,Cultural Diversity BFA,

IV. Cultural Diversity Requirement (4 HRS)

Choose 1 course from Group A or 1 course from Group B.

Cultural Diversity Group A (4 HRS)

or

Cultural Diversity Group B (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings), or may be used as electives. Courses that satisfy this requirement are identified on the [Cultural Diversity Requirements Course Lists](#) page.

V. Expanded Classroom Requirement

Credit varies. Students with 45+ transfer credits are exempt. Courses that satisfy this requirement are identified on the [Expanded Classroom Requirement Course List](#) page.

Total Credit Hours Required for BFA

Studio Coursework: 72 HRS

Art History: 16 HRS

Liberal Arts/Academic Studies: 36 HRS

Minimum Total Credits Required for Graduation: 124 HRS

2014-2015 Archived Catalog Information

Bachelor of Science in Engineering Degree

Requirements for the Bachelor of Science in Engineering Degree

The BSE degree program requires the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. First-Year Writing (8 HRS)

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- WRI-102 First Year Writing II

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

(A student may be assigned to other writing courses or may be invited to take WRI-103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.)

c. Literature (4 HRS)

Choose 1 course from those listed below:

English:

- **ENG-213 English Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

World Languages & Cultural Studies:

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

• GER-310 Masterpieces of German Literature

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-407 Latin American Short Narrative**

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

d. Math (4 HRS)

Choose any Math course at level 128 or higher.

e. Ethical and Philosophical Inquiry (4 HRS)

Choose 1 course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Choose 2 courses from those listed below. In order to count toward the General Education requirement, at least 1 of the courses in Humanities/History must consist of a Cultural Diversity course.

American Studies:

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Humanities & History, Humanities Literature Requirement

Black Studies:

- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Humanities & History

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- CJK-290 Women in Struggle on Film

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- CJK-291 Film Studies: the Modern Era Modern Era

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- CJK-325 World Cinema

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

Type:

Humanities & History

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

English:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia) , One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

History: Choose any History course

NESAD:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroo

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

Humanities Literature Requirement,Humanities & History

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

• ADFA-346 Art of the Silk Road

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

• ADI-221 History of Furniture & Architecture I

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ADI-222 History of Furniture & Architecture II**

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the

period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

Philosophy:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes

central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-219 Philosophy of Art

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-223 Philosophy in Literature

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-253 The Philosophy of America**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-255 Science, Myth, and Society**

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-260 Philosophy of Religion**

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include:

whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

Theatre:

• THETR-225 Intro to Theatre Arts

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• THETR-226 Intro to Theatre Arts II

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-227 Introduction to Theatre Arts III

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-260 Broadway Musicals

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-265 Introduction to Theatre: Prehistory to Melodrama

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• THETR-310 Broadway Musicals

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

• THETR-331 Set Design

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-489 Performance Studies

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

World Languages & Cultural Studies:

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-301 German Civilization I**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

- **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-306 German Cinema**

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

Or choose any course with a HUM, ARH, or MUH designator, with the exception of HUM-120 and HUM-121.

g. Social Science (4 HRS)

- **EC-101 Applied Microeconomics**

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

h. Sciences (8 HRS)

Choose at least 1 science course with a laboratory (L). (Some courses may both be designated STE and have a laboratory.)

Choose 1 STE (Science, Technology, and Engineering) science course (and corresponding laboratory if applicable) from the list below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

• **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGNR

Chemistry:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Computer Science:

Electrical Engineering:

- ECE-288 Measuring the World

Credits:

4.00

Type:

SCI TECH ENGNR

Engineering Science:

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It

is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L151 University Physics Lab I

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

Science:

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-112 Astronomy II**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• SCI-L112 Astronomy Lab II

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

• SCI-165 Inner Workings of Physics Universe

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

• SCI-201 Physics for Future Presidents

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGR

Some Science Division courses have math or computer science prerequisites; many have other science prerequisites.

II. Program Requirements (Credit varies)

The specific requirements are determined by each engineering program. These include basic math and science courses, as well as engineering topics.

III. Electives (Credit varies)

IV. Cultural Diversity Requirement (4 HRS)

Choose 1 course from Group A or 1 course from Group B.

Cultural Diversity Group A (4 HRS)

or

Cultural Diversity Group B (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings), or may be used as electives. Courses that satisfy this requirement are identified on the [Cultural Diversity Requirement Course Lists](#) page.

V. Expanded Classroom Requirement

Credit varies. Students with 45+ transfer credits are exempt. Courses that satisfy this requirement are identified on the [Expanded Classroom Requirement Course List](#) page.

Minimum Total Credits Required for Graduation: 126 HRS

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 HRS.

2014-2015 Archived Catalog Information

Bachelor of Science in Journalism

The Bachelor of Science in Journalism is available to Communication & Journalism students pursuing concentrations in journalism, broadcast journalism, public relations, advertising, and media.

Requirements for the Bachelor of Science in Journalism Degree

The BSJ degree requires the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. First-Year Writing (8 HRS)

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

(A student may be assigned to other writing courses or may be invited to take WRI-103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.)

- c. Math (4 HRS)

Choose any Math course at level 128 or higher.

- d. Ethical and Philosophical Inquiry (4 HRS)

Choose 1 course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

e. Humanities/History (8 HRS)

Choose any contemporary History course including AMST-111 and BLKST-100 (consult with advisor for appropriate course), and choose 1 course from the following list:

English:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History,Humanities Literature Requirement,Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia), One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-213 English Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for

individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

NESAD:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Asian Studies, Humanities & History, Expanded Classroo

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

Humanities Literature Requirement, Humanities & History

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

• ADI-221 History of Furniture & Architecture I

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History,Humanities Literature Requirement

• ADI-222 History of Furniture & Architecture II

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

Philosophy:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-211 History of Modern Philosophy

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-219 Philosophy of Art

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-223 Philosophy in Literature**

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-253 The Philosophy of America**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-255 Science, Myth, and Society**

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-260 Philosophy of Religion

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

Theatre:

- **THETR-225 Intro to Theatre Arts**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- **THETR-226 Intro to Theatre Arts II**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-227 Introduction to Theatre Arts III

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- **THETR-310 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-331 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class

and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

World Languages & Cultural Studies:

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities Literature Requirement

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

• GER-218 Grimms' Fairy Tales

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

• GER-301 German Civilization I

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-302 German Civilization II

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-310 Masterpieces of German Literature

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement, BA FOREIGN

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-420 The Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement,BA FOREIGN

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

• **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, House on Mango Street, Junot Diaz, The Brief Wondrous Life of Oscar Wao, Julia Alvarez, How the Garcia Girls Lost Their Accents, Tato Laviera, American.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

Or choose any course with a HUM, ARH, or MUH designator with the exception of HUM-120 and HUM-121.

f. Social Science (8 HRS)

Choose 1 course from each:

Economics: Choose any Economics course except EC-431 and EC-460

Government: Choose any U.S. Government course

g. Sciences (8 HRS)

Choose 2 STE (Science, Technology, and Engineering) science courses (and corresponding laboratory if applicable) from the list below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- BIO-114 Organismal Biology

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Computer Science:

Electrical Engineering:

- ECE-288 Measuring the World

Credits:

4.00

Type:

SCI TECH ENGNR

Engineering Science:

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-153 University Physics III

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGNR

Science:

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

- **SCI-112 Astronomy II**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-L112 Astronomy Lab II**

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics

and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The

current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

• SCI-201 Physics for Future Presidents

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

Some Science Division courses may have math or computer science prerequisites; many have other science prerequisites.

II. Major Requirements Minimum (32 HRS)

III. Complementary Major Requirements, Minor Requirements, and Free Electives (Credit varies)

IV. Cultural Diversity Requirement (8 HRS)

Choose 1 course from Group A and 1 course from Group B. (Students with 30+ transfer credits choose one course from Group A or Group B.)

Cultural Diversity Group A (4 HRS)

Cultural Diversity Group B (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings), or may be used as electives. Courses that satisfy this requirement are identified on the [Cultural Diversity Course Lists](#) page.

V. Expanded Classroom Requirement

Credit varies. Students with 45+ transfer credits are exempt. Courses that satisfy this requirement are identified on the [Expanded Classroom Requirement Course List](#) page.

Minimum Total Credits Required for Graduation: 126 HRS

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 HRS.

2014-2015 Archived Catalog Information

Bachelor of Science Degree

Requirements for the Bachelor of Science Degree

All BS degree programs require the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. First-Year Writing (8 HRS)

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- WRI-102 First Year Writing II

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

(A student may be assigned to other writing courses or may be invited to take WRI-103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.)

c. Literature (4 HRS)

Choose 1 course from those listed below:

English:

- **ENG-213 English Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for

individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

World Languages & Cultural Studies:

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-310 Masterpieces of German Literature**

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

d. Math (4 HRS)

Choose any Math course at level 128 or higher.

e. Quantitative Reasoning (4 HRS)

Choose 1 course from those listed below:

Biology:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

Communication:

- **CJN-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Computer Science: Any CMPSC course

Economics:

- **EC-431 History of Economic Thought**

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism

and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-460 Game Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

Type:

Quantitative Reasoning

Government:

- **GVT-201 Statistics for Political Science**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

This course is an introduction to statistics and empirical research methods generally used in political science. The course will emphasize the use of statistics and its value in substantive political science research. Statistics is a tool for drawing conclusions and making inferences from observable evidence. As well, the specification of conditions under which evidence is observed affects the conclusions and arguments that political scientists draw about how social and political processes work. The purpose of this course is to equip students with tools to interpret and conduct original data analysis, critique and make an argument based on data, and provide a view into the process of political science research and how political scientists use statistical methods and research design to answer substantive questions about politics. Since most applied data analysis utilizes data management software, students will learn how to use SPSS as a tool for conducting data analysis. Prerequisites: Sophomore Standing, GVT 110 and 120 and Math 130 or instructor's consent. 1 term - 4 credits.

Type:

Quantitative Reasoning

Philosophy:

- PHIL-212 Formal Logic

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Reasoning

Psychology:

- PSYCH-215 Behavioral Statistics

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Sociology:

- **SOC-212 Statistics for Sociology**

Prerequisites:

SOC-113 OR SOC-116 and MATH-128 or higher

Credits:

4.00

Description:

In this course, students will be introduced to descriptive and basic inferential statistical techniques. The course will provide information on the following topics: Description - measures of central tendency (mean, median, mode) and measures of dispersion (range, standard deviation); logic of statistical inference, including normal curve and sampling distribution; hypothesis testing with one sample and two samples; measures of association between two variables (bivariate analysis), including chi-square, regression, and correlation; and introduction to multivariate regression. Students will utilize SPSS (Statistical Package for the Social Sciences) software to input and analyze data. The goals of the course are for students to appreciate the need for statistical methods in the broad field of sociology and to gain basic statistical literacy.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Statistics:

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

f. Ethical and Philosophical Inquiry (4 HRS)

Choose 1 course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

g. Humanities/History (8 HRS.)

Choose 2 courses from those listed below:

American Studies:

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Humanities & History, Humanities Literature Requirement

Black Studies:

- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Humanities & History

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-291 Film Studies: the Modern Era Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-325 World Cinema**

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

Type:

Humanities & History

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

English:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- ENG-123 Great Books of World Lit. I

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- ENG-124 Great Books of World Lit II

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia), One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

History: Choose any History course

NESAD:

- ADF-181 Ideas of Western Art I

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- ADF-182 Ideas of Western Art II

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Asian Studies, Humanities & History, Expanded Classroo

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

Humanities Literature Requirement, Humanities & History

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

- **ADI-221 History of Furniture & Architecture I**

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ADI-222 History of Furniture & Architecture II

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

Philosophy:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-223 Philosophy in Literature**

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-253 The Philosophy of America**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-255 Science, Myth, and Society

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

- **PHIL-260 Philosophy of Religion**

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Theatre:

- THETR-225 Intro to Theatre Arts

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- THETR-226 Intro to Theatre Arts II

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-227 Introduction to Theatre Arts III**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-310 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

- **THETR-331 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-489 Performance Studies**

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

World Languages & Cultural Studies:

• FR-320 French & Francophone Cinema

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-301 German Civilization I**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• SPAN-301 Spanish Culture and Civilization

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-302 Indigenous and Colonial Latin America

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

Or choose any course with a HUM, ARH, or MUH designator, with the exception of HUM-120 and HUM-121.

h. Social Science (4 HRS)

Choose 1 course from those listed below:

Applied Legal Studies:

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

Type:

Social Science

• ALS-266 Criminal Law

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

Cultural Diversity Opt A

• ALS-362 Litigation

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each

semester.

Type:

Social Science

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- CJNI-287 Media Criticism

Prerequisites:

CJNI-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

- CJNI-375 Organizational Communication

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness and change processes. Normally offered yearly.

Type:

Social Science

- CJNI-400 Media Effects & Audiences

Prerequisites:

Prerequisite: CJNI-255

Credits:

4.00

Description:

This course will explore the social influence of the media on American society. Attention will be given to the theoretical perspectives that inform media research. By the end of the semester, students should have developed a critical understanding of the role and influence of the media in American society.

Term:

Offered Fall Term

Type:

Social Science

Economics: Choose any Economics course except EC-431 and EC-460

Education Studies: Choose any Education Studies course

German:

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

Government: Choose any Government course except GVT-201

Psychology: Choose any Psychology course except PSYCH-215

Sociology:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-217 Sociology of Urban Life**

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

Type:

Social Science,Cultural Diversity Opt A,Expanded Classroom Requirement

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

Type:

Social Science

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Social Science

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-264 Social Media and Society**

Credits:

4.00

Description:

An examination of the ways in which social structures and processes influence and are affected by modern ideas, needs and social practice techniques in technologically advanced societies is considered in conjunction with changes in the way in which we understand the world, the nature of work and leisure, the processing of information and the character of social institutions. Normally offered alternate years. Fulfills the Social Science Option. Fulfills the Sociology Department's Social Policy requirement.

Type:

Social Science

Women's & Gender Studies:

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will include the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A, Social Science, Diverse Perspectives

i. Sciences (8 HRS)

Choose at least 1 science course with a laboratory (L). (Some courses may both be designated STE and have a laboratory.)

Choose 1 STE (Science, Technology, and Engineering) science course (and corresponding laboratory if applicable) from the list below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Computer Science:

Electrical Engineering:

- ECE-288 Measuring the World

Credits:

4.00

Type:

SCI TECH ENGNR

Engineering Science:

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

Environmental Science:

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-153 University Physics III

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGNR

Science:

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

- **SCI-112 Astronomy II**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-L112 Astronomy Lab II**

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics

and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The

current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

• SCI-201 Physics for Future Presidents

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGR

Some Science Division courses may have math or computer science prerequisites; many have other science prerequisites.

II. Major Requirements Minimum (32 HRS)

III. Complementary Major Requirements, Minor Requirements, and Free Electives (varies)

IV. Cultural Diversity Requirement (8 HRS)

Choose 1 course from Group A and 1 course from Group B. (Students with 30+ transfer credits choose 1 course from Group A or Group B.)

Cultural Diversity Group A (4 HRS)

and

Cultural Diversity Group B (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings) or may be used as electives. Courses that satisfy this requirement are identified on the [Cultural Diversity Requirements Course Lists](#) page.

V. Expanded Classroom Requirement

Credit varies. Students with 45+ transfer credits are exempt. Courses that satisfy this requirement are identified on the [Expanded Classroom Requirement Course List](#) page.

Minimum Total Credits Required for Graduation: 126 HRS

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 HRS.

2014-2015 Archived Catalog Information

Cultural Diversity Requirement Course Lists

The Cultural Diversity Requirement aims to broaden and deepen students' understanding, experience, and critical thinking skills with regard to cultural differences and cross-cultural interactions, for effective participation in a world of diverse cultures and viewpoints.

The Cultural Diversity Requirement, as specified by each degree, is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course descriptions located by department in the catalog. Cultural Diversity Courses may simultaneously fulfill Divisional Requirements, Major Requirements, Complementary Major Requirements, or Minor Requirements (see Department Listings), or may be used as electives. ONLY courses listed here can be used to satisfy the Cultural Diversity Requirement.

Cultural Diversity Group A

- ALS-266 Criminal Law

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

Cultural Diversity Opt A

- ALS-391 Domestic Violence, Abuse & Neglect

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

Type:

Cultural Diversity Opt A

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,BFA Humanities Requirement,Cultural Diversity BFA,

- **ASL-101 Elementary American Sign Language I**

Credits:

4.00

Description:

Introductory course for nonnative signers. Emphasis on receptive skills, vocabulary, and grammar. Introduction to issues important to the Deaf community. One language laboratory session per week.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A,BA FOREIGN

- ASL-102 Elementary American Sign Language II

Prerequisites:

ASL 101

Credits:

4.00

Description:

Continuation of ASL 101. Patterns of lexical and grammatical structure reviewed and extended. Additional materials on the Deaf community and its culture. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,BA FOREIGN

- CJN-217 Gay and Lesbian Studies

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions and social movements. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- CJNI-485 Rhetoric of Protest & Reform

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A,Humanities & History,BSBA SOCIAL CHANGE,Diverse Perspectives

- EC-122 Poverty and Inequality

Credits:

4.00

Description:

This course looks at economic inequality, with a particular focus on those in the United States who have low or no incomes - the poor. Measures inequality, identifies the poor, and considers a variety of explanations for poverty. Evaluates the purposes and effects of a range of public policies that might help alleviate poverty. Since race and gender play prominent roles in discussions of poverty, this course also considers issues pertaining to race and gender discrimination, and so examines the economics of both poverty and of discrimination. Cultural Diversity A.

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Social Science

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-357 African-American Lit I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **ENG-359 Selected African-American Writers**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course focuses upon the literary contributions of a selected number of major African-American authors. Normally offered every other year.

Type:

Cultural Diversity Opt A

- **ENG-362 Asian American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Asian Studies

- **ENG-379 Children's Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The history and artistry of those works intended for the child reader: picture books, poetry, fairy tales, fantasies, realistic novels and biography, the international heritage. This extensive range covers Mother Goose to the contemporary novel, reflected by the works of Jean George, Robert Cormier

and Katherine Paterson. Normally offered alternate years. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B

• ENG-387 Writing Women

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia Yezierska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

• GVT-208 Politics / Religion

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **GVT-279 Minority Politics in the United States**

Prerequisites:

Sophomore Status Required

Credits:

4.00

Description:

This course is designed to provide an intensive survey of minority politics in the political development of the United States. We will focus on the historical and contemporary experiences of several groups in American politics. In particular, the course will look at four groups that, for reasons of race, have been subjected to systematic discrimination and political subordination in U.S. history: American Indians, African Americans, Latino Americans, and Asian/Pacific Americans. In this course we will work toward an understanding of American politics from the point of view of politically active and engaged persons of color. This course will also take a close look at the future of race and ethnicity in American politics. It is a fundamental premise of this course that an understanding of race and minority politics is necessary to comprehensively understand American political development and many important issues in contemporary American politics. Cultural Diversity A

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This hybrid course will examine the political leadership and influence of women within political institutions and on public policy. The course is divided into two parts: Part 1 will examine women in politics, with particular attention given to the intersectional realities of race, class, gender identity, and ideological orientation. Specific policy areas, including reproductive choice, housing, pay equity, and domestic relations, will be discussed in Part 2. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

• GVT-435 Race and Public Policy

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

• HST-224 Civil Rights in the 20th Century

Credits:

4.00

Description:

What is meant by the term civil rights? How do civil rights affect notions of what it means to be an American? In Civil Rights in the Twentieth Century, students will explore the history of civil rights movements- from the Reconstruction era through the Conservative revolution of the 1970s and 1980s- to answer these questions, and to try to understand the contested definition of civil rights in modern America. We will begin with the emancipation of four million African-Americans during the 1860s; we will continue through the first wave feminist movement of the late nineteenth and early twentieth

century, and the labor movement from the Gilded Age through the New Deal; and we will conclude with the Black, women's, and gay rights movements of the 1960s and 1970s, and their relationship to the rise of the New Right during the 1970s and 1980s. Special attention will be paid to primary documents written by civil rights leaders and their followers, as well as analysis of secondary material on how civil rights has evolved over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement, Humanities & History, BSBA SOCIAL CHANGE

• HST-271 African-American History 1619-1860

Credits:

4.00

Description:

This course will examine the history of Africans in the United States from their arrival in the colonies to the Civil War and the end of legal slavery. Topics include: the slave trade, the development of the slave system, African-Americans and the Declaration of Independence, and the abolition movement. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-272 African-American History From 1860

Credits:

4.00

Description:

This course will examine African American history from the end of slavery to the present. Topics include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Exodusters, the Harlem Renaissance, Pan Africanism, the Civil Rights Movement, the Black Power Movement, African-Americans at the turn of the twenty-first century. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-307 U.S. Race Relations 1877-1945

Credits:

4.00

Description:

This course focuses on the African-American freedom struggle. It describes the consolidation of segregation and disfranchisement laws, the rise of Booker T. Washington, the NAACP's fight for civil rights, black nationalism, African American participation in both world wars, the Harlem Renaissance, and Depression Era struggles. We will also consider the history of non-white groups including Hispanics, Asian-Americans, and Native Americans.

Type:

Humanities & History, Cultural Diversity Opt A, BSBA SOCIAL CHANGE

• HST-319 The History of Black Music in America

Credits:

4.00

Description:

Black music has been one of the primary cultural factors in the United States. From the African roots to hip hop in the 21st century Black music has served as an expression of African American consciousness, providing commentary on many aspects of black life. This art form provides commentary on many aspects of black life including social and political. It has also been a major force in shaping the culture of the United States as a whole. As

such it provides an excellent window for exploring the history of Black America as well as the history of all America. With the use of texts, videos, and recordings this class will examine the music of Black America in the context and communities in which it was created and performed, and also in relationship to the wider world. Cultural Diversity A

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• HST-360 Native America: From Pre-History to the Trail of Tears

Credits:

4.00

Description:

This course will examine the native people of North America before and after the European conquest. Topics will include Native Americans' relations with one another; their reactions to the Europeans; European and Native American perceptions of one another; white Indians and noble savages; resistance and assimilation; the United States and Indian removal. Cultural Diversity A Cultural, Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,Humanities & History

• HST-370 Workers in America

Credits:

4.00

Description:

How have ordinary American working people shaped and been shaped by the experience of work in a capitalist economic order? This course surveys the world of work and workers, free and unfree, from 1800 to the present. Topics include changing conceptions of work, formation of workers' consciousness and communities, working-class cultures, movements for labor reform, and the impact of race, ethnicity, and gender on labor markets, workplace dynamics, and working-class families and communities. The course also explores workers' experiences of industrialization and technological innovation, immigration and migration, consumerism and globalization. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History

• HST-371 U.S. Women's History Colonial to 1865

Credits:

4.00

Description:

This course traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women. Cultural Diversity A

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-372 U.S. Women's History: 1865-present

Credits:

4.00

Description:

This course examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture. Course materials include novels and films. Cultural Diversity A

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• HST-395 US History: Race and Ethnicity

Prerequisites:

Permission of Instructor Required

Credits:

4.00

Description:

An overview of American history from the perspective of its racial and ethnic minorities. Topics include: Native American efforts to retain cultural independence and to shape relations with the majority; Asian Americans and the model minority myth; African Americans and the Constitution; recent refugees and current immigration legislation. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-396 The African Diaspora

Credits:

4.00

Description:

An examination of the dispersion of Africans to the Americas during the era of the slave trade and the establishment of New World communities of Africans and people of mixed descent. Topics include: the Slave Trade, comparative Slave Systems, Religion, Resistance and Revolutionary Movements, Return and Redemption Movements, Pan Africanism, Race and Class. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Cultural Diversity Opt A

• HST-H483 Death, Disease, Healing- U.S. History

Prerequisites:

Permission of the instructor required.

Credits:

4.00

Description:

This course investigates how Americans have understood and responded to health, illness, and death from the eighteenth century to the present. The course will examine interactions among patients, healers (orthodox and heterodox), the medical and scientific professions, business, and government. We will explore the effects of scientific and technological advancements, industrialization, urbanization, immigration, war, and social movements on the nation's moral and political economies of health, and on evolving ideas about bodily integrity and autonomy, linked to historical relations of gender, race, class, and sexuality. Cultural Diversity A. This is an honors-level course.

Term:

Occasional

Type:

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Do we all feel the same emotions across cultures and throughout history, or do we learn to feel according to the rules of our own time and place, or does the truth about human emotion lie somewhere in between? This course will first explore ideas about emotional life from the fields of history, anthropology, sociology, and psychology. We will then turn to our own examination of the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other. How have ideas about these subjects changed over time - and do our feelings change with them?

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **P.S-506 Leadership Skills in Diverse Society**

Credits:

4.00

Description:

An opportunity to learn about and practice leadership skills applicable to small groups and organizations which are diverse and complex. Primary goal is personal effectiveness regarding: communication skills, motivation, problem-solving, and conflict resolution. Attention is paid to racist, sexist, and discriminatory playing, video-feedback, and program design. Instructor's consent required. 4 credits. Normally offered every year. Cultural Diversity A

Type:

Cultural Diversity Opt A

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

Type:

- **PHIL-251 Philosophy of Race & Gender**

Credits:

4.00

Description:

Prejudice of many kinds, such as racism and sexism, is so embedded in our social institutions, and is so traditional and pervasive that we often fail to notice it. In this course, we will deal with the history and nature of racism and sexism, as well as with possible solutions to these problems, including affirmative action and busing. Also to be discussed will be homosexuality, pornography and sex roles. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

Type:

Cultural Diversity Opt A

- **PHIL-263 Native American Religion**

Credits:

4.00

Description:

This course is an examination of Native American (Indian) religious experience, both the similarities and differences among the myths and rituals of the major tribes which comprise the background of our nation's history of Western migration and settlement. The emphasis will be on understanding how life was experienced by these peoples through a close look at the philosophical meanings of their mythology and ethics. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

Type:

- PHIL-265 Women in Spirituality

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity BFA,Cultural Diversity Opt A

- PSYCH-243 Organizational Psychology

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

Type:

Cultural Diversity Opt A,Social Science

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Social Science, Asian Studies, Cultural Diversity Opt A

- **PSYCH-341 Sociocultural Perspectives on Behavior and Experience**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Exposes students, particularly those interested in helping and service careers, to the terminology and approaches used in the study and critical discussion of culture and diversity. This course will be useful for students seeking to develop sensitivity, respect, and understanding of the meaning that individuals attach to their own definitions of culture. While topics relevant to specific, ethnic, racial, gendered and differently abled groups will be covered to varying degrees in each semester, attention is also given to culture as a personal and societal construction. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Social Science

- **PSYCH-345 Teambuilding in Global and Diverse Workplaces**

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines effective approaches to building and maintaining successful teams in today's global and diverse workplace. Relevant theories and research concerning the cultural, organizational and individual factors that impact the structure, function and interpersonal dynamics of teams across settings are discussed. Topics include team characteristics, communication, leadership style, emotional and social intelligence, conflict and negotiation strategies, and challenges of working with multicultural, diverse and global team members and effectiveness of virtual teams. Students will explore essential components of functional versus dysfunctional teams, role of individual and cultural diversity, interpersonal relationship dynamics, globalization, and effective team work strategies across business, community and social organizational settings. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Fall Term

Type:

Social Science, Cultural Diversity Opt A

- **SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Cultural Diversity Opt A

• SF-190 Asia in America Fiction and Fact

Credits:

4.00

Description:

Through selected readings, movies, and a field trip to Chinatown, we will study important socio-cultural events related to Asian immigrants throughout American history. This seminar will help students gain a better understanding of racial and cultural relations and appreciate the dynamics of cultural interactions in the twenty-first century.

Type:

Cultural Diversity Opt A

• SOC-217 Sociology of Urban Life

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological

ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

Type:

Social Science,Cultural Diversity Opt A,Expanded Classroom Requirement

- **SOC-218 Crime and Law in Indian Country**

Credits:

4.00

Description:

What happens if you commit a crime on an Indian reservation? Who will prosecute you and how will they punish you? This course will explore the roots of tribal legal systems and criminal law, both the Native and American influences. You will gain an understanding of tribal government, legal systems, criminal law, and the role of tradition in contemporary tribal law. The course will also examine the conflict between Native and Non-Native perspectives on several cases: sovereignty, rights to cultural practices, women, freedom of religion, and land.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-H218 Honors Crime and Law in Indian Country**

Credits:

4.00

Description:

What happens if you commit a crime on an Indian reservation? Who will prosecute you and how will they punish you? This course will explore the roots of tribal legal systems and criminal law, both the Native and American influences. You will gain an understanding of tribal government, legal

systems, criminal law, and the role of tradition in contemporary tribal law. The course will also examine the conflict between Native and Non-Native perspectives on several cases: sovereignty, rights to cultural practices, women, freedom of religion, and land.

Type:

Cultural Diversity Opt A

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives,Cultural Diversity Opt B

- **SOC-228 Social, Cultural and Global Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships

and improves the operation of human services systems.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives

- **SOC-230 Bad Girls**

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

Type:

Cultural Diversity Opt A

- **SOC-239 Men and Violence**

Credits:

4.00

Description:

An exploration of the nature of masculinity and its connection to interpersonal and collective violence in American society. The course focuses on the emotional, spiritual, social and cultural roots of the crisis of boyhood and masculinity as a context for and consequence of violence.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-286 Women and Work**

Credits:

4.00

Description:

An exploration of the relationship between gender roles, work environments, and careers in American society. The problems and prospects faced by women in the world of work are considered with special attention to power and sexism in the workplace, domestic vs. organizational work, role conflicts for working women, and the relationship between changing images of women and changing patterns of female employment. Policy requirement.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-322 Tough Guise**

Credits:

4.00

Description:

Representations of masculinity in contemporary societies are examined in terms of their social sources and consequences. Images and scripts for doing masculinity are explored through case studies of film, television, sports, advertising, comic books, video games, music and other media that define what it means to be a man.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-326 Protest and Social Change**

Credits:

4.00

Description:

An exploration of recent and contemporary protest movements. Cases studied may include Civil Rights women's movement, environmental, militia, and new right, gay and lesbian, labor, etc. Movement issues such as goals, tactics, use of violence, use of media cultural politics, social control and repression will be considered. Under what conditions do protest movements succeed or fail in bringing desired social change?

Term:

Occasional

Type:

Cultural Diversity Opt A,BSBA SOCIAL CHANGE

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-374 Diversity Among Women**

Credits:

4.00

Description:

An exploration of the diverse experiences of womanhood as shaped by race, ethnicity, class, sexuality, age and physical ability. The course examines the commonalities women share and considers what women's differences suggest about an agenda for change. Issues such as workplace equality, family, policy, violence against women, sexuality are studied. How do diverse women, along with men allies, build alliances and work together for social transformation? Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-406 The Immigrant Experience**

Prerequisites:

SOC-113 or SOC-116 and 4 credits of a SOC course at the 200 level or above

Credits:

4.00

Description:

The United States of America: A land of immigrants; The Great Melting Pot. This country has indeed attracted immigrants from all over the world. However, not all have been welcomed or treated equally. This course will investigate the reasons various immigrant groups (past and present) have come to the United States. We will also examine their experiences and the impact race, ethnicity, gender, class and social structures have had on them. During Spring Break the class will visit Ellis Island and the Tenement Museum in New York and the Lowell National Historical Park in Lowell. The class will also visit various sites in Boston throughout the semester.

Type:

Cultural Diversity Opt A, Expanded Classroom Requirement

- **SPAN-416 Border Crossings the Latino Experience in the USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• THETR-260 Broadway Musicals

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-325 Women on Stage**

Credits:

4.00

Description:

How do playwrights of different backgrounds and genders interpret female-ness? This class explores some of the great heroines of dramatic literature, as well as female playwrights and performers. Students will be encouraged to indulge their taste for drama, as well as ask deeper questions about how women on stage are presented, perceived, and constructed. Students will read, write and discuss plays in terms of their structure, plot, theme, and characterizations. Class activities may include watching videos and attending live theatrical productions.

Term:

Occasional

Type:

- WGS-111 Women, History, & Culture

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

- WGS-113 Women, Science, & Society

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will include the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A, Social Science, Diverse Perspectives

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

This interdisciplinary course provides an introduction to the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, we will examine the pervasive influence of gender on the structure of society and our everyday experiences. What role does gender play in our understanding of love, friendship, sexuality, and even violence? Topics will include biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Cultural Diversity Opt A, Diverse Perspectives

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

What can we learn from the books that teenage girls read? Our fondest memories of reading are often also memories of our earliest encounters with books - particularly those so mesmerizing that we would read them under our desks or by flashlight long after bedtime. This class will introduce students to some of the most interesting and complex Young Adult books targeted to young female readers. In addition to a wide array of novels,

students will be exposed to theories of adolescent development, literary criticism, and social theory. We will consider how the dilemmas of girlhood have changed or stay constant. We'll also investigate the urge, so common in books for children and teens, to teach kids how to think and behave - what do we want teenage girls to know, and when would we rather keep them childlike and unaware?

Term:

Occasional

Type:

Cultural Diversity Opt A

• WGS-311 Engendering Entertainment: Feminism and Popular Culture

Credits:

4.00

Description:

This course will investigate the complex intersections between feminism and popular culture through several different lenses. We will start by exploring some of the ways that feminists make arguments about popular culture. We will continue by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like *The Bachelor* and *Grey's Anatomy*. We will also look at a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's *Female Chauvinist Pigs*, and Caitlin Moran's *How to Be a Woman*, among others. Along the way will be asking questions such as: what makes a work of art feminist? How does modern media contribute to or distract us from a variety of political debates in the realm of female equality? How can we, as individuals, use modern media to create and advance smart, feminist arguments? How can we create media that reflects a broader array of women's experiences and perspectives?

Type:

Cultural Diversity Opt A

• WGS-315 Feminist Thought

Credits:

4.00

Description:

What is feminist thought? How have feminists - both today and in history - understood inequality and difference, and what have they seen as the best ways to address these issues and bring about social justice? How do feminist theories help us to understand how gender and other social categories, such as race, class, sexuality, disability, age, and nationality, are constructed within and through each other? Students will read classic critical texts by authors including Mary Wollstonecraft, Anna Julia Cooper, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler. The course will analyze feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory. It will also consider anti-feminist arguments.

Type:

Cultural Diversity Opt A

- WGS-320 Writing Autobiography

Credits:

4.00

Description:

This interdisciplinary course explores autobiographies by African American, Hispanic, and Afro-Caribbean writers such as June Jordan, Edwidge Danticat, and Cornelius Eady. Other writers include David Sedaris and Lucy Grealy. Students will analyze these texts in terms of language, writing craft and story line. Students will also write their own autobiographies during the course of the semester by focusing on childhood memories, high school, and family life. Critical attention will be paid to the role race, class, ethnicity, gender and sexuality play in narrative identity. Students will learn creative writing techniques such as linear and nonlinear storytelling, dialogue, fantasy, showing verses telling, and monologue.

Term:

Occasional

Type:

Cultural Diversity Opt A

Cultural Diversity Group B

- ADFA-306 Art & Culture of Asia, Africa, South America and Oceania

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroo

• ADFA-345 Art of India

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

• ARH-321 Women, Art & Society

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,BFA Humanities Requirement,Cultural Diversity BFA,

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

Type:

Asian Studies,Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement,Divers

- **BLKST-263 Sabar: Music and Dance**

Credits:

4.00

Description:

Participants will be introduced to sabar music and dance of Senegal through a study of music, dance, language and history. Each area will be taught by professional practitioners of the sabar tradition to develop a sense of how music and dance are used in both traditional and popular contexts. This course will be directed by Prof. Robert A. Bellinger. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Social Science

• CJN-216 Intercultural Communication

Credits:

4.00

Description:

An examination of the communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Diverse Perspectives

• CJN-293 Hong Kong Cinema

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such as colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern

aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

This course will focus on some of the divisions and conflicts within Israeli society. Students will analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis will also cover media representation of the Israeli-Palestinian conflict.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,BSBA SOCIAL CHANGE,Expanded Classroom Requirement

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,Asian Studies,BSJ SOCIAL SCIENCE

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE,Asian Studies

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

- **ENG-379 Children's Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The history and artistry of those works intended for the child reader: picture books, poetry, fairy tales, fantasies, realistic novels and biography, the international heritage. This extensive range covers Mother Goose to the contemporary novel, reflected by the works of Jean George, Robert Cormier and Katherine Paterson. Normally offered alternate years. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B

- **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An Exploration of Post-colonial literature and how the empire writes back following the collapse of European colonialism. Special emphasis will be placed on the legacy of British Colonial rule and the contemporary use of literature and the English Language to both resist and problematize Eurocentric cultural assumptions. Authors studied will include E.M. Foster, Salman Rushdie, J.M. Coetzee, Anita Desai, Hanif Kureishi, and Zadie Smith, among others. Students will be introduced to Post-colonial critical theory and view film adaptations of literary texts.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **ENG-395 Rhetoric and Memoir**

Prerequisites:

ENG 102 or 103

Credits:

4.00

Description:

This course examines the rhetoric of memoirs written primarily by international figures who seek to use personal stories to shape readers' perspectives on political issues. After a brief introduction to rhetorical theory and to the genre of memoir, this course will examine contemporary memoirs that address such issues as racism, sexism, religious extremism, war, and genocide.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities Literature Requirement

- **GVT-203 Women in World Politics**

Credits:

4.00

Description:

The relationship of women to their political culture and structures. The role of women seen in theory (e.g., Marxism, American feminism, existentialism) and in global comparative analysis. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

• GVT-283 Challenges to Development in the Global South

Credits:

4.00

Description:

Theories dealing with the process of political change in countries of the Third World: the impact of the military, traditional culture and institutions, economic problems, strong personalities and other factors on political life and institutions. Prerequisite: Not open to freshmen. 1 term - 4 credits. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

• GVT-383 African Politics

Prerequisites:

GVT 110 and GVT 120

Credits:

4.00

Description:

The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social and personal factors; political forces at work in present day Africa. Not open to freshmen. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

- **GVT-387 Conflict & Reconciliation: Community Service Abroad**

Prerequisites:

GVT 281 or instructor's consent. Junior status or above

Credits:

4.00

Description:

current political trends in the Caribbean and in selected Central American nations. Emphasis will be placed on comparative analysis of public policies in the region, as well as on external factors which impact on politics in the Caribbean and Central America. Students will use academic sources in their analysis, as well as novels and other literary sources for the background of their analysis. Not open to freshmen. Normally offered every third year.

Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Expanded Classroom Requirement

- **GVT-389 Politics of China**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies

• GVT-391 Canada: Multicultural Politics

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE

• GVT-393 Latin American Politics Today

Prerequisites:

GVT 281 or instructor consent

Credits:

4.00

Description:

This course examines the evolution of Latin America in the context of globalization. The first part analyzes the main political and economic trends of Latin America as a region, while the second presents the main challenges Mexico is facing today in the area of security. The third part moves forward into the detailed explanation of the transformations of the largest South American countries such as Colombia, Argentina, Chile and Venezuela, among others. The final section looks at the relationship between Latin America and the United States.

Type:

Cultural Diversity Opt B, Social Science

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

This class examines the political ramifications of social movements primarily but not exclusively within the United States. It looks at ideology, beliefs and mechanisms of mobilization. Another important focus is an analysis of non-white social movements in this country and their impact on domestic politics. Among the movements to be examined are: the Pan-African movement 1919-1939 which will, to some extent, take us outside this country; the U.S. Civil Rights Movement 1955 to 1969 which covers the rise of the Black Power movement; and the U.S. Labor Movement 1900 to 1955 in terms of non-white influence on its programmatic goals. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

- **GVT-485 Politics of the Middle East**

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and Arab rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. Normally offered alternate years. Cultural Diversity B

Type:

- **GVT-H485 Honors Politics and International Relations of the Middle East**

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and Arab rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B, Diverse Perspectives

• HST-121 World History I

Credits:

4.00

Description:

A survey of the civilizations of the ancient fertile Crescent, China, India, Greece, Rome, Byzantium, the rise of Islam, Africa, the Americas, the Chinese borderlands and medieval Europe from the beginning of history to 1500. We study the uniqueness and similarities of each civilization, how they interacted with each other, and how they changed over time. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• HST-122 World History II

Credits:

4.00

Description:

A survey of human civilizations from 1500 to the present. Course explores themes such as the development of new trading networks, including the slave trade, religious and intellectual innovation, the rise of nationalism and creation of nation-states, the democratic revolutions, imperialism and world war. We study social change such as gender and race relations; technological and scientific revolutions; and cultural achievements of all civilizations. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

- HST-H149 Honors Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

- **HST-244 History of the Iranian Islamic Revolution**

Credits:

4.00

Description:

The course reviews modern Iranian politics with a special attention on the history of the Islamic Revolution of 1979. It evaluates the factors which caused the revolution and its impacts on Iranian society, the Middle East, and the world. Among the important topics of discussion will be the role of the United States in Iranian politics (1953-1979); the policies of Mohammad Reza Shah Pahlavi (1941-1979); the hostage crisis (1979-1981); the Iran-Iraq War (1980-1988); the Reform Movement (1997-2005); and the re-emergence of radical policies under Ahmadinejad since 2005.

Term:

Occasional

Type:

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

This course seeks to provide students with an understanding of the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. The course begins with the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries. It deals with forces which attempt to meet the European challenge; the age of colonialism; the rise of nationalism; socialism, capitalism, the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements, U.S. policy, and Saddam Hussein's Iraq.

Term:

Offered Fall Term

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-255 Films and Contemporary China**

Credits:

4.00

Description:

This class uses a series of films to demonstrate the changes in people's lives in contemporary China. It focuses on the Reform Era between 1980 and present. The topics include Chinese politics, economic growth, social change, and popular cultures. Cultural Diversity B.

Term:

Occasional

Type:

- **HST-261 African History to 1800**

Credits:

4.00

Description:

This course will explore the history of Africa from prehistoric times to the nineteenth century to give students an introduction to African Studies and a sense of Africa's place in world history. Topics include: the Nile Valley civilizations, West African empires, the trans-Saharan trade, the slave trade, the spread and impact of Islam. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-262 Modern African History Since 1800**

Credits:

4.00

Description:

This course will cover the history of Africa from 1800 to the present and enable students to develop an understanding of issues that affect the relationship between modern Africa and the world. Topics include: the African tradition; the impact of Islam and Christianity, abolition of the slave trade, European imperialism and colonialism, African independence movements, African nationalism, Pan Africanism. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE, D

- **HST-274 Women in 19th Century Europe**

Credits:

4.00

Description:

An exploration of the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society. Cultural Diversity B

Term:

Occasional

Type:

- **HST-275 Women in 20th Century Europe**

Credits:

4.00

Description:

An examination of the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-276 History of Modern Latin America**

Credits:

4.00

Description:

The development of Latin American states: society, economy and culture, from colonial origins to the present. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-321 History of Islam**

Credits:

4.00

Description:

This course presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined. Cultural Diversity B

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt B

- **HST-326 The Russian Revolution**

Credits:

4.00

Description:

The long Russian Revolution (1900-1930) is one of the most important events of the 20th century. It brought 19th-century Russia in conflict with the political and socio-economic forces of the 20th century. We will examine the long-term trends and challenges and address the what ifs of history - that helped unleash the crises of 1917-1919. What were the reasons for and extent of Rasputin's influence at the imperial court? Was the Revolution brought about by the West? Then how and why did Russia become less westernized due to the revolution? Was the new Bolshevik regime confronted by the same challenges that crippled the Czarist regime? Could and should the revolution have been avoided? Was it a necessary step and stage towards progress and modernization? What similarities did the new USSR begin to have with the capitalist democracies of the West? How did the revolution affect the status and role of workers, women, and peasants in USSR? How were Lenin, Trotsky, and Stalin different as leaders and individuals? When did the revolution end? (Formerly HST 433)

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

- **HST-327 World History: Selected Topics**

Credits:

4.00

Description:

Emphasizes the continuities and changes that take place within civilizations; the similarities, differences, and relationships that exist among contemporary civilizations around the world. Special attention given to the evolving conflict between traditionalism and modernity. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **HST-330 History & Culture of Senegal**

Prerequisites:

Requires instructor's consent to register

Credits:

4.00

Description:

This class will introduce students to the richness of Senegalese culture and history, from the eleventh century to the modern era. Along with history, students will examine Senegal's culture and customs through lectures, readings, music and film. In some years there will be a travel component connected with the class. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• HST-342 Modern Japanese History

Credits:

4.00

Description:

The class examines Japanese history from the beginning of the seventeenth century to the end of the twentieth century. The topics include early modern Japan during the Tokugawa era, Meiji Restoration, Japanese imperialism and World War II, Japan's emergence as the second largest economy in the world. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

• HST-345 Chinese Civilization

Credits:

4.00

Description:

A survey of pre-modern Chinese history from antiquity to the sixteenth century. Topics include: Confucianism; the making of an imperial bureaucratic system; conflicts and interactions among different ethnic groups; the Mongolian Empire; early modern Chinese society. (Formerly HST 131) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-346 Modern Chinese History**

Credits:

4.00

Description:

A survey of modern Chinese history from the sixteenth century to the present. The class focuses on two major themes. First, we will study the conflict between the modern state and traditional society. We will discuss China's turbulent transition from an old empire to the Communist regime, the dynamics behind this transition, and the price that ordinary Chinese people have paid. Second, we will study China's interactions with the outside world from the first Opium War to China's entrance to the World Trade Organization. (Formerly HST 132) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-348 Samurai: History, Literature & Film**

Credits:

4.00

Description:

This course explores the history of samurai and its cultural meaning for Japanese society. It examines not only how the samurai class developed into a major political force, but also how it has been represented by literatures and films in different eras. Cultural Diversity B

Term:

Occasional

Type:

- **HST-396 The African Diaspora**

Credits:

4.00

Description:

An examination of the dispersion of Africans to the Americas during the era of the slave trade and the establishment of New World communities of Africans and people of mixed descent. Topics include: the Slave Trade, comparative Slave Systems, Religion, Resistance and Revolutionary Movements, Return and Redemption Movements, Pan Africanism, Race and Class. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Cultural Diversity Opt A

- **HST-508 Study Trip to El Salvador**

Credits:

4.00

Description:

This course will examine the history of El Salvador through readings, discussion, film, and most importantly, a fortnight in the Central American nation. Our goal is to explore how events ranging from the Spanish conquest of the sixteenth-century, the nineteenth century indigenous uprisings against land concentration, and the bloody and divisive civil war of the 1980s shaped today's El Salvadorans. ECR

Type:

Expanded Classroom Requirement, Humanities & History, Cultural Diversity Opt B, Humanities Literature R

- **HUM-103 Introduction to Asian Studies: Scope of The Discipline**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, and culture of Asia. Sample topics include international relations, political economy, religious and cultural exchanges, Asian experience in America, and the role of Asia in the 21st century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum. Cross-list with AS100/HST100

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Expanded Classroom Requirement

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **PHIL-319 Topics in Applied Ethics**

Prerequisites:

PHIL 119, or 123 or 127

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

Type:

Cultural Diversity Opt B

• PHIL-330 African Philosophy and Religion

Prerequisites:

One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

This course explores indigenous African systems of thought, modern academic African philosophy, African social and political theory, and contemporary debates centered on questions of identity, modernity, essentialism and historicity within the African context. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

Type:

Cultural Diversity Opt B

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Cultural Diversity Opt B, Asian Studies, Diverse Perspectives

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

Type:

Cultural Diversity Opt B

- **SF-1101 Hearts of Whiteness/Hearts of Darkness**

Credits:

4.00

Description:

There is a long tradition in the Western world of viewing Africa as a place of savagery, primitiveness, and violence, and yet Europeans and descendants of Europeans have historically committed numerous acts of violence against African peoples. This class will examine two such instances: the crimes against humanity that took place in what are now the Democratic Republic of the Congo and South Africa. The course will begin with an examination of the brutal Belgian colonization of the Congo in the 1880's, depicted famously in Joseph Conrad's *Heart of Darkness*. The second unit of this course will examine South African apartheid, a system of racial segregation that began in 1948 and which was imposed and enforced with massive levels of violence. The course will also examine the resistance to these abuses. Adam Hochschild describes the campaign against Belgian colonialism in the Congo as the first great international human rights movement of the twentieth century. In terms of resistance to apartheid, we will examine the roles played by Nelson Mandela, Steve Biko, the African National Congress, and the international apartheid movement, which successfully mobilized governments around the world to exert pressure on the South African regime.

Type:

Cultural Diversity Opt B

• SOC-329 Sociology of Globalization

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• SPAN-405 Women's Voices in Latin America

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement, Cultural Diversity Opt B, BA FOREIGN

- **THETR-243 Sabar: Music and Dance of Senegal**

Credits:

4.00

Description:

This course explores the history and practice of music and dance in Senegal, West Africa taught through lectures, readings, and studio classes which are accompanied by live African drumming. Proper dance attire is required.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- **THETR-319 Study Abroad: Flamenco in Madrid**

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This is a three week, four credit, faculty led intensive course in Flamenco dance. The study of Flamenco immerses students in the rich cultural heritage of Spain's most popular and passionate art form. This unique program blends studio classes in the heart of Madrid with a study of the vibrant history and culture of Spain. Students interested in study abroad are encouraged to take language courses in the Humanities Department.

Term:

Occasional

Type:

- WGS-325 Global Women's Fiction

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

2014-2015 Archived Catalog Information

Expanded Classroom Requirement Course List

The Expanded Classroom Requirement (ECR) asks students to combine theory with practice by merging experiences inside and outside the classroom. All students entering the College of Arts & Sciences with 45 or fewer credits as of fall 2007 must complete one Expanded Classroom course or program. Courses listed here may be used to satisfy the ECR requirement.

ECR courses and programs are credit-bearing experiences that contain one of the following elements:

Study Away

Study abroad opportunities include a range of programs approved by the ECR Oversight Committee.

Study Tours

On study tours, a Suffolk University professor leads students in the study of a subject matter that involves substantial travel away from the campus in the context of a course.

Field Work

Fieldwork involves the practical application of methods and theories being studied in a course.

Internships and Cooperative Learning

Internships and cooperative learning include a wide variety of educational experiences in the context of a course in which the student works in a professional, educational, or service context.

Service Learning

Service learning involves working with a community service provider in the context of a course.

Linked Learning

This category includes all activities that satisfy the Expanded Classroom learning goals of the ECR but which do not fall into any of the other categories listed above. The ECR can be fulfilled by a linked learning activity for which the student finds a faculty sponsor for an Independent Study course or similar faculty-mentored course. Once the student finds a faculty mentor, the mentor must submit the proposal for approval to the ECR Oversight Committee during the semester prior to completing the requirement.

Expanded Classroom Requirement Course List:

- **ADFA-304 Art and Architecture of the Italian Renaissance**

Prerequisites:

ADF-182 and the Fine Art Program Director's consent.

Credits:

4.00

Description:

This course introduces the students to Italian Renaissance art, artists and culture from the first evidence in the Italian Gothic (around the 1260's) to the Early and High Renaissance, predominantly in Florence and Venice, up to the 1600's. The course will survey the history of painting, sculpture and architecture as we study the works individually, for their formal elements and visual importance, but also within their aesthetic, historic, political and cultural context. Class discussion and a visual analysis of works of art will encourage personal interpretation and critical thinking. A list of terms related to the Renaissances introduces the language of art. Normally offered during the summer. Offered in Italy only.

Type:

Expanded Classroom Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will

be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroom

• ADFA-400 Fine Arts Internship

Prerequisites:

Restricted to Juniors and Seniors

Credits:

3.00- 6.00

Description:

An elective course for those who wish to pursue issues of artistic development to a further degree, this internship may involve assisting an established member of the local art community (in his or her own studio) in the preparation, marketing and exhibition of his work. Internships in area galleries or museums are also an option. The purpose of the internship will be to give students experience in real world aspects of the artistic life for which he or she has so far prepared only in the classroom setting. Participating students will earn credit based on the number of hours devoted to the internship. One credit will be given for every 45 hours of internship time, and all hours must be verified in writing for credit given.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• ADG-S302 Italian Journal: Painting and Drawing On Paper

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

Expanded Classroom Requirement

- **ADG-400 Graphic Design Internship**

Prerequisites:

Senior BFA status.

Credits:

3.00- 4.00

Description:

Seniors are required to pursue an internship with a local graphic design firm, whose work is directly related to that students intended area of professional concentration. Interns will observe and participate in all office procedures permitted by their place of internship and will be required to maintain a notebook of their observations. Required classroom seminars will reinforce new skills, share learning experiences and answer questions or concerns.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **ADI-400 Interior Design Internship**

Prerequisites:

ADI S202 and ADI S303; senior BFA standing required. This course fulfills the Expanded Classroom Requirement

Credits:

3.00

Description:

With the assistance of the faculty advisor, each student will identify an appropriate internship site with a local interior design firm. All interns are required to complete 120 hours of work/study within the semester, working a minimum of 8 hours per week under the direction of a qualified Interior Designer. Interns are expected to contribute to the host firm at a high level of design interaction. All interns will meet bi-weekly with the faculty advisor. The classroom seminars will reinforce new skills, share learning experiences, and answer questions or concerns. A firm site visit, production of firm profile, and participation in a professional organization are required within the seminar.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **ALS-381 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor. 1 term - 4 credits. Normally offered spring and summer. ECR

Type:

Expanded Classroom Requirement

• ARH-318 Art and Museums Today

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

• AS-500 Asian American Community Experience

Credits:

4.00

Description:

This course facilitates students' exposure to Asian American communities and enhances their knowledge of diverse Asian cultures through research projects and service activities or an internship. Students will study under the guidance of the Director of the Major program and/or a faculty member as well as work with a community organization or service agency for a semester. They will engage in specific projects or an internship in collaboration with the assigned organization or agency to understand the cultural values and current issues relating to Asian populations. They will complete required hours as per the arrangement with the site and submit a comprehensive service/research report on their learning process and critical reflection of their experience at the end of the semester.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• BIO-222 Field Botany

Prerequisites:

BIO 111. This course will fulfill the Expanded Classroom Requirement.

Credits:

4.00

Description:

A three-week camping excursion, during which common tracheotypes, bryophytes, algae, and other photosynthetic organisms characteristic of various habits in Maine will be identified. Emphasis will be on plant ecology including species interactions and habitat requirements. Vertical zonation in mountains, lakes and intertidal areas will be a point of focus. Participants will camp for one week at each of three sites: Baxter State Park, Central Maine (near Augusta), and the Friedman Field Station. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and tents required. Additional fees: Camping and food est. \$475.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught alternate years.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **BIO-254 Marine Biology**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea; fisheries, mariculture, pollution, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-333 Ecology

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-428 Research & Seminar I

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **CHEM-429 Research & Seminar II**

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Laboratory course where students apply the use of biochemical techniques acquired in Biochemical Techniques I (CHEM L331) to conduct novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and characterization of DNA and proteins, and bioinformatics. Emphasis on experimental design, data interpretation, analysis of the scientific literature, and writing. Includes field trip to local research university or biotechnology/pharmaceutical laboratory.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

- **CJN-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program. ECR

Term:

Occasional

Type:

Expanded Classroom Requirement

- **CJN-355 Media Production**

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,BSBA SOCIAL CHANGE,Expanded Classroom Requirement

- **CJN-477 Public Relations IV: Campaigns**

Prerequisites:

CJN-277 and CJN-377 and Senior Standing.

Credits:

4.00

Description:

Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• CJN-483 Suffolk TV News

Prerequisites:

Take CJN 253 CJN 355 and either CJN 353 or CJN 361 or instructor's consent.

Credits:

4.00

Description:

Students write, direct, crew, edit and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN Advisor consent

Credits:

1.00-12.00

Description:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-505 Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and Internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CMPSC-501 Software Development Internship**

Prerequisites:

CMPSC-F131, CMPSC-F132, and 1 CMPSC course at 200, 300 or 400 level. Prior to registration, student must submit credit approval form and gain faculty approval.

Credits:

2.00- 4.00

Description:

Student works in a qualified software development setting to gain practical experience in modern industrial software development. Student will apply lessons learned in the classroom within a supervised, professional development while developing a greater understanding of the job expectations and organizational culture. Internship may be taken for 2-4 academic credit hours, at 4 hours of company work per week per each credit. Additional academic reports will be required. Students may take more than one internship, but the total number of credits applied toward graduation cannot exceed 12.

Type:

Expanded Classroom Requirement

- **EC-504 Economic Competitiveness: Theory and Practice**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

This course examines the concept of economic competitiveness among nations and states and its usefulness to policymakers seeking to improve economic conditions. The emphasis will be on state-based economic competitiveness. We will read the current literature on economic growth and competitiveness and explore the current controversy surrounding the shortcomings of business climate indices. Special attention will be given to Beacon Hill Institute's index which attempts to identify the states with the sets of policies that sustain long-term economic growth and sustainable high incomes for citizens. The student will apply a stress test to the BHI index identifying its strengths and weaknesses. To learn how the index is used by professionals, the student will also compare the index against similar measures and interview at least two practitioners on how their states apply the index. The student will meet regularly with her advisor and submit a research paper and a professional memorandum advising BHI on how best to improve the index.

Type:

Expanded Classroom Requirement

• ECE-411 Senior Project I

Prerequisites:

ECE 205, ECE 306, ECE 225, MATH 265; permission of the instructor may be required.

Credits:

4.00

Description:

The Senior Project provides a significant opportunity for students to direct all of their previous training and learning towards one major endeavor. It has been modified from previous years to extend over two semesters (instead of one) to facilitate a more comprehensive effort in both the planning and execution of the project. Although resources and guidance are provided for each student, this course still requires them to take full responsibility to plan their time, manage, and implement their project. In Part I the student creates their project proposal. Over a fourteen-week period the student is subjected to the practical stress of completing and delivering in professional fashion a project of their own choosing (with endorsement from an appropriate faculty advisor or industrial mentor). This period includes the following objectives: selection and careful definition of a project; a review of background information; a selection of the desired approach with justification; identification of resources needed; an outline of the project implementation timetable with desired milestones; a delineation of how the completed project performance might be evaluated. Weekly progress reports and meeting with their advisor are required. A formal proposal document is reviewed by department members (and possibly Industrial constituents) and may go through numerous iterations to be deemed 'acceptable'. Along the way informal oral presentations of both the 'general' and 'technical' aspects of their project will be presented to the rest of their peer group. A formal presentation of the project proposal is made to an audience of peers, faculty, and outside advisors. Prerequisites: ECE 205, ECE 306, ECE 225, MA265; permission of the instructor may be required. ECR

Type:

- **ECE-412 Senior Project II**

Prerequisites:

ECE 411

Credits:

4.00

Description:

In Part II the student implements, documents, and presents their completed project. Having defined their project, students gather the resources necessary and proceed to execute their designs. This period will include the construction, testing, troubleshooting, refinement, and evaluation of their project. A formal presentation of the project is made. A professional caliber documentation of the project is also required, and may go through numerous iterations of review. The final project report must consider most of the following: environmental impact, sustainability, manufacturability, ethics, health and safety issues, and political concerns. Time management, prioritization of process, formal communication, overcoming obstacles and meeting deadlines are monitored by the project advisor. Weekly reports and meetings are expected. The advisor also serves as a resource for the student. However, full responsibility for the success of the project rests on the student. Cross-disciplinary projects are encouraged. ECR

Type:

Expanded Classroom Requirement

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-312 Curriculum and Pedagogy: Middle and Secondary School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts,

and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Social Science

- **ENG-320 Writing and Tutoring: Theory and Practice I**

Prerequisites:

By invitation only.

Credits:

1.00

Description:

This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

Type:

Expanded Classroom Requirement

- **ENG-321 Writing and Tutoring: Theory and Practice II**

Prerequisites:

ENG-320. By invitation only. Students must be hired as tutors for CLAS.

Credits:

1.00

Description:

This course is a continuation of ENG 320. This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

Type:

Expanded Classroom Requirement

• ENG-391 Research and Writing

Prerequisites:

WRI 102 or WRI 103

Credits:

4.00

Description:

This course explores research and writing in the context of qualitative research, field work and bibliography. This course requires a lengthy report and project based on extended field work of at least 25 hours at an off-campus research site chosen by the student, approved by the instructor, and validated by a field site representative. This course fulfills the Expanded Classroom Requirement for CAS students. Normally offered alternate years.

Term:

Occasional

Type:

Expanded Classroom Requirement

• ENG-514 Internship in English

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Individualized guidance in a career-related activity. Upper-class English majors may gain academic credit for work preparing them for an English-related career, provided that the work is monitored by a member of the English faculty. Department approval is required.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **ENST-403 Environmental Studies Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement. Junior standing or above required or consent of the instructor.

Credits:

4.00

Description:

One course to be taken as a practicum or internship. The choice of internship or practicum is to be determined in consultation with the program director.

Type:

Expanded Classroom Requirement

- **ENVS-436 Environmental Science Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Application for the principles and techniques of environmental science to a specific environmental problem in a faculty directed independent study. Typically, this experience will include literature research and field work in an off-campus environmental agency. 1 term- 4 credits Requires instructor's consent. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **FR-421 Sejour Linguistique en France**

Prerequisites:

FR 201-202 or permission of instructor

Credits:

4.00- 8.00

Description:

This course is an immersion program in Vichy, France through our partnership with CAVILAM. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Summer

Type:

Expanded Classroom Requirement,BA FOREIGN

- **FR-422 Sejour Linguistique au CCFS-Sorbonne**

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

This course is an immersion program in Paris, France through our partnership with CCFS-Sorbonne. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement,BA FOREIGN

• **GVT-503 Washington Academic Seminar I**

Prerequisites:

This course fulfills the Expanded Classroom Requirement. Instructor's consent is required.

Credits:

4.00

Description:

An intensive off-campus experience, normally of two-weeks duration, arranged through a qualified agency in Washington, D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. Students are normally required to keep a journal of the off-campus experience and to write a significant research paper based on the topic of the academic seminar upon their return.

Type:

Social Science,Expanded Classroom Requirement

• GVT-509 United Nations Seminar

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This course provides an introduction to the study of the role of the United Nations System in the globalization era. The course is divided in two main sections. The first is based on a series of readings, lectures and discussion on the rules, principles and norms which govern the relationship among states and the UN system; it also covers traditional topics such as the sources and subjects of international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors, human rights, humanitarian intervention, global environment, used of armed forces, as well as economic relations. The second part of the course is based on a required study trip to the UN headquarters in order to experience a direct contact with policy-makers within the UN system in a diversity of areas such as security, aid and peacekeeping areas.

Type:

Social Science,Expanded Classroom Requirement

• GVT-521 Internship in Government

Prerequisites:

Junior standing

Credits:

4.00

Description:

Approximately 12 hours a week working in a position that offers the student significant opportunity to learn about politics and/or government. Interested students should consult instructor in advance. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-523 Washington Internship**

Prerequisites:

Sophomore standing and instructor's permission required

Credits:

12.00

Description:

A full-time, one-semester internship in Washington, D.C. Consult the Department office for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-524 Washington Internship**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524; Sophomore standing;

Credits:

4.00

Description:

ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-526 International Internship-London**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science,Expanded Classroom Requirement

- **GVT-527 International Internship-Brussels**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science,Expanded Classroom Requirement

• GVT-528 International Seminar I

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 529

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation. ECR

Type:

Social Science,Expanded Classroom Requirement

• GVT-529 International Seminar II

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 528

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation ECR

Type:

Social Science,Expanded Classroom Requirement

- GVT-533 International Internship-Edinburgh

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science,Expanded Classroom Requirement

- HST-365 Presenting History: Media & Methods of Public History

Credits:

4.00

Description:

Considers the history, theory, and techniques of public history presentation. Learn what visitors want for themselves and their families when they choose to spend their time at a historic site, historic house or history museum. Modes of presentation covered include film documentary, Web site exhibition, popular historical writing, and reenactment. Students produce a project using survey data and information learned throughout the course about preserving history through media and method to demonstrate what the future of historic preservation might resemble. Note: There will be travel involved to visit various historic sites. Please allow time before and after scheduled class time.

Term:

Offered Fall Term

Type:

Humanities & History,Humanities Literature Requirement,Expanded Classroom Requirement

- **HST-368 Boston's Historic Houses**

Credits:

4.00

Description:

Working with historic houses in Boston, students will learn that art of interpreting history. Using collections, archives, and other repositories, students will research the houses and the people who lived in them. Many of these houses have existed from colonial times and had various uses. Formerly:HST 368 Introduction to Historical Interpretation.

Term:

Occasional

Type:

Humanities & History,Expanded Classroom Requirement,Humanities Literature Requirement

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

The development and influence of Boston from its foundation in 1630: the Massachusetts Bay Colony, cradle of the American Revolution; Boston as a Yankee merchant capital, Brahmin cultural center, immigrant melting pot, and modern metropolis. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend. ECR

Term:

Offered Fall Term

Type:

- **HST-508 Study Trip to El Salvador**

Credits:

4.00

Description:

This course will examine the history of El Salvador through readings, discussion, film, and most importantly, a fortnight in the Central American nation. Our goal is to explore how events ranging from the Spanish conquest of the sixteenth-century, the nineteenth century indigenous uprisings against land concentration, and the bloody and divisive civil war of the 1980s shaped today's El Salvadorans. ECR

Type:

Expanded Classroom Requirement,Humanities & History,Cultural Diversity Opt B,Humanities Literature R

- **HST-522 History Internship**

Prerequisites:

Permission of instructor required.

Credits:

4.00

Description:

History Internships require approximately 12 hours of work per week in a history-related position, for instance, at a museum, historical society, or archive, and are designed to introduce the student to the professional opportunities and responsibilities in the field of public history or historic preservation. Interested students should consult the instructor in advance. Prerequisite: Permission of instructor is required.

Term:

Offered Both Fall and Spring

Type:

Humanities & History,Humanities Literature Requirement,Expanded Classroom Requirement

- **MATH-290 Financial Mathematics I**

Prerequisites:

MATH-166 with a grade of C or better

Credits:

4.00

Description:

This course is mainly designed for students who are interested in financial mathematics and/or actuarial sciences, especially if they plan to take the second actuarial exam, and/or if they plan to study more in financial mathematics. The materials covered include time value of money, annuities, loans, bonds, cash flows and portfolios, general derivatives, options, hedging and investment strategies, forwards and futures, and swaps.

Type:

Expanded Classroom Requirement

- **MATH-503 Internship in Mathematics**

Prerequisites:

MATH 165 MATH 166 MATH 265 and at least one MATH courses 200 or above. Student must submit credit approval form and gain faculty approval.

Credits:

2.00- 4.00

Description:

Student works in a qualified mathematical corporation, industrial or educational setting gain practical experience in math related areas such as actuarial sciences, finance, math education. Student will apply lessons learned in the classroom within a supervised, professional development while developing a greater understanding of the job expectations and organizational culture. Internship may be taken for 2-4 academic credit hours, at 4 hours of company work per week per each credit. Additional academic reports will be required. Students may take more than one internship, but the total number of credits applied toward graduation cannot exceed 12.

Type:

- **MS-310 Clinical Practicum I**

Prerequisites:

MS 301 and MS L301

Credits:

1.00

Description:

Student radiation therapists and student dosimetrists will spend fourteen weeks (full-time, 40 hrs/wk) gaining hands-on patient care experience in the Department of Radiation Oncology at our clinical affiliates. Under constant supervision by licensed therapists and certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment and planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **MS-L304 Clinical Practicum for Radiation Therapy**

Prerequisites:

Take MS-301 MS-L301;

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

Type:

Expanded Classroom Requirement

- **MS-L314 Clinical Practicum for Dosimetry**

Prerequisites:

Take MS-301 and MS-L311;

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Expanded Classroom Requirement

• PHIL-513 Internship in Applied Ethics

Prerequisites:

Prerequisite: PHIL 119 or 123 or 127 and consent of instructor

Credits:

4.00

Description:

Students in this course will serve as interns in a department-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to issues in applied ethics. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a journal and a research project. PHIL 119 or 123 or 127 and consent of instructor. 1 term -4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• PHYS-L304 Radiation Therapy Practicum

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

Type:

Expanded Classroom Requirement

• PHYS-L314 Medical Dosimetry Practicum

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **PSYCH-346 Community Psychology**

Prerequisites:

ECR

Credits:

4.00

Description:

Explores the efforts of psychologists to enhance the well-being of groups and communities. Complementing clinical approaches, community approaches have implications for both theory (e.g., environmental and/or person-environment theories) and practice (e.g., prevention-oriented

paradigms targeted to groups and social systems). Students will be expected to attend weekly two-hour lectures to examine key concepts within the field (e.g., competence building, empowerment) as well as to engage in weekly community service activity. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Social Science,Expanded Classroom Requirement

• PSYCH-350 Psychology Internship

Prerequisites:

Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Provides majors the opportunity to gain a meaningful field experience in a professional setting that is consistent with their academic background and career goals. Students are on site a minimum of 6 hours a week and must accrue at least 60 hours of field experience. Seminar discussions focus on career exploration, the integration of academic knowledge with the demands of the workplace, and professional issues, including ethics, self-reflection, and cultural sensitivity. Students are required to secure an internship before the course begins. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science,Expanded Classroom Requirement

• SF-105 Voices in Conflict

Credits:

4.00

Description:

Why are conflicts so hard to resolve? How do myths about conflict affect communication? What is the role of power in conflicts? How can we use language and listening skills to engage in healthy conflict resolution? Course examines conflict within and across issues of gender, sexuality, race, class, religion, and ethnicity. Explores attempts to negotiate meaning and power within and across socio-cultural conflicts and how this is revealed through language.

Type:

Expanded Classroom Requirement

• SF-1107 Vertebrate Fossils and Evolution

Credits:

4.00

Description:

An introduction to vertebrate history using the fossil record. The pattern of vertebrate evolution shows great changes in anatomical structure that reflect natural selection toward new ecological opportunities. After an introduction to paleontological methods, the course develops a foundation of anatomical knowledge and phylogenetic relationships among the groups of living and extinct vertebrates. This foundational knowledge is then applied to the discussion of changes in locomotion, defense, and feeding adaptations in vertebrates, as well as an understanding of the way of life of the various groups, especially early tetrapods, dinosaurs, and mammals. The class will also be able to critique scientific arguments about areas of active debate in vertebrate paleontology. Early in the semester, the group makes a required weekend trip to study the evidence of prehistoric life and geologic change in Western Massachusetts.

Type:

Expanded Classroom Requirement

• SF-116 Enlightened Insanity

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Expanded Classroom Requirement

- **SF-168 Women in Art: Eastern and Western Perspectives and Issues of Identity**

Credits:

4.00

Description:

This course will survey issues of female identities and how they were 'shaped' or informed as functions of social, political and religious dynamics in the Eastern and Western hemispheres and within various historical periods. The students will 'objectify' their study with the rich and highly representative collection at the Museum of Fine Arts as they critically interpret female portrayals 'under the brush' of the male artists and the purse of the male patron. The evolution of female identities and shifting perceptions of women will also serve as a key objective in weaving a more comprehensive understanding of this phenomenon

Type:

Expanded Classroom Requirement

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

Through selected readings, movies, and a field trip to Chinatown, we will study important socio-cultural events related to Asian immigrants throughout American history. This seminar will help students gain a better understanding of racial and cultural relations and appreciate the dynamics of cultural interactions in the twenty-first century.

Type:

Cultural Diversity Opt A

- **SOC-226 Religion in Contemporary Society**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

An examination of the fundamental purpose and functions of religion in society. Major religious systems in America are analyzed in terms of basic values and structure. The impact of changes in religious organizations upon clergy, laity and society are discussed. This class fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **SOC-254 U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **SOC-380 Special Topics in Sociology: Peer Tutoring**

Prerequisites:

Instructor's consent; ECR

Credits:

4.00

Description:

Specialized topics based on peer tutoring research and development. Content, prerequisites and hours to be announced.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **SOC-406 The Immigrant Experience**

Prerequisites:

SOC-113 or SOC-116 and 4 credits of a SOC course at the 200 level or above

Credits:

4.00

Description:

The United States of America: A land of immigrants; The Great Melting Pot. This country has indeed attracted immigrants from all over the world. However, not all have been welcomed or treated equally. This course will investigate the reasons various immigrant groups (past and present) have come to the United States. We will also examine their experiences and the impact race, ethnicity, gender, class and social structures have had on them. During Spring Break the class will visit Ellis Island and the Tenement Museum in New York and the Lowell National Historical Park in Lowell. The class will also visit various sites in Boston throughout the semester.

Type:

Cultural Diversity Opt A, Expanded Classroom Requirement

• SOC-483 Internship in Sociology I

Prerequisites:

Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided with the opportunity to apply academic learning in a supervised internship consistent with their personal career goals or academic interest. The course covers such topics as career exploration and development, resume and cover letter writing, job fairs, and networking, and graduate school applications. In addition to the course assignments, students are required to complete a minimum full day internship each per week during the entire semester.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **SOC-484 Internship in Sociology II**

Prerequisites:

SOC 483. Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided an opportunity to intensify or extend their internship experience. The course covers such topics as mock interviewing, informational interviewing, and job fairs.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **SPAN-416 Border Crossings the Latino Experience in the USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• THETR-200 Theatre Practicum: Performance

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• THETR-202 Theatre Practicum: Production

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• THETR-220 Theatre Practicum

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Written work includes a production log signed by the supervisor and a narrative journal. Credits may be used to satisfy the Theatre practicum requirement for Theatre majors and minors. Students should register for section A for performance activities such as acting, directing, and writing, and section B for production related activities such as tech crew, design, and running shows. Stage management may fulfill either category. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **THETR-319 Study Abroad: Flamenco in Madrid**

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This is a three week, four credit, faculty led intensive course in Flamenco dance. The study of Flamenco immerses students in the rich cultural heritage of Spain's most popular and passionate art form. This unique program blends studio classes in the heart of Madrid with a study of the vibrant history and culture of Spain. Students interested in study abroad are encouraged to take language courses in the Humanities Department.

Term:

Occasional

Type:

Expanded Classroom Requirement,Cultural Diversity Opt B

- **THETR-509 Study Abroad: Flamenco in Madrid**

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This is a three week, four credit, faculty led intensive course in Flamenco dance. The study of Flamenco immerses students in the rich cultural heritage of Spain's most popular and passionate art form. This unique program blends studio classes in the heart of Madrid with a study of the vibrant history and culture of Spain. Students interested in study abroad are encouraged to take language courses in the Humanities Department.

Term:

Occasional

Type:

Expanded Classroom Requirement,Cultural Diversity Opt B

2014-2015 Archived Catalog Information

American Studies

The American Studies minor engages students in the study of historical and contemporary U.S. identities, cultures, and societies. This program allows students to create an individualized course of study that draws on insights and methods from the arts, history, literature, and the social sciences. Each student must complete an introductory course, AMST-111 Defining America and Americans, and then may select four elective courses that relate in some coherent way. With his/her American Studies minor advisor, a student will identify a particular focus (e.g., an era, a topic, a theme, a region, a population, or a problem in American culture) that he or she wishes to explore closely.

American Studies courses count as elective credit and satisfy requirements for humanities and the minor. There is no major available in American Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [American Studies Courses](#)

Minor Requirements (5 courses, 20 credits)

Required Core Component (1 course, 4 credits)

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Elective Course Component (4 courses, 16 credits)

Choose four courses from the following list, with no more than 8 credits in any one department.

Black Studies

- **BLKST-169 African-American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to HST 169. Normally offered by request.

Term:

Occasional

Type:

Humanities & History

- **BLKST-299 Busing in Boston- Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using material on Boston's school desegregation in the Moakley archives. Research will be augmented by discussions with local figures who were involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the

documents. Students will be responsible for a final project based on their work in the archives. This course is identical to HST 299. Normally offered by request.

Term:

Occasional

Type:

Social Science, Humanities & History

- **BLKST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to HST 469. Normally offered as requested.

Term:

Occasional

Type:

Social Science

Art History

- **ARH-311 American Art**

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-321 Women, Art & Society

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Cultural Diversity Opt B, BFA Humanities Requirement, Cultural Diversity BFA,

Communication and Journalism

• CJN-217 Gay and Lesbian Studies

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions and social movements. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

• **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

• **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

• CJA-290 Women in Struggle on Film

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

• CJA-291 Film Studies: the Modern Era Modern Era

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- CJNI-358 Family Communication

Credits:

4.00

Description:

This course will look at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues will include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and then glance at challenges to the family unit. Students will need to understand their own family issues so that they can glance across the street to neighbors' differing viewpoints, so that we can broaden to begin to understand families from different cultures. We will accomplish this by examining both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects will be a paper and presentation about a specific family communication concept applied to a specific family unit.

Term:

Occasional

- CJNI-365 American Cinema

Credits:

4.00

Description:

Trends in Hollywood and American independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- CJNI-389 Social Media

Prerequisites:

CJN-257;

Credits:

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building and social activism are considered. The roles of advertising, public relations and branding are examined.

Term:

Occasional

- **CJN-465 Film and Society**

Credits:

4.00

Description:

The study of the relationship between film and society. The course features filmmakers who emphasize political, historical, racial, gender, and other important social issues. Normally offered yearly. Revised Description A study of how cinema reflects, and reflects on, the values of the society in which it is produced. The course features films and filmmakers who emphasize political and social issues dealing with race, gender, sexuality, and other important concerns.

Term:

Occasional

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

Education and Human Services

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Social Science

- **EDUC-424 Global Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

Type:

Social Science

English

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

• ENG-352 Global American Literature

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Study of antebellum American and African American literature in the context of cosmopolitan modes of thought and revolutionary action. This course considers how writers balanced their interest in building a national culture with their concern for matters of race, gender, politics and civil rights that transcended their time and place. Readings include nineteenth-century works by Longfellow, Irving, Emerson, Fuller, Whitman, Thoreau, Melville, and Douglass, as well as twentieth-century responses from Hemingway, Gandhi, King and Johnson.

Term:

Occasional

• ENG-353 American Realism

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-354 Hawthorne, Melville and Stowe**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An extended study of three major novels by Hawthorne, Melville and Stowe as prototypes of the Great American Novel: an elusive achievement that seeks to capture the essence of American experience. This course confronts issues of sin and redemption, ambition and failure, racial and national identity, and aesthetic and cultural value, and it assesses the imaginative influence of these foundational narratives in two contemporary rewritings by Mukherjee and Reed. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-355 American Prose 1870 - 1920**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The revolution in American literary consciousness between the Civil War and the First World War, and the transition from the traditional to the modern, in the work of Mark Twain, Henry James, Stephen Crane, Theodore Dreiser, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-356 Whitman and Dickinson**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

- **ENG-357 African-American Lit I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **ENG-359 Selected African-American Writers**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course focuses upon the literary contributions of a selected number of major African-American authors. Normally offered every other year.

Type:

Cultural Diversity Opt A

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between World War II and the end of the American war in Vietnam. The course will consider fiction from the Beat Generation, New Journalism, the Black Arts Movement, and postmodernism as well as major writers who aren't easily classified. Possible authors include Ellison, Kerouac, O'Connor, McCarthy, Cheever, Roth, Updike, Didion, Mailer, Bellow, Bambara, Barth, and Pynchon.

Term:

Occasional

- **ENG-361 Contemporary American Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between the end of the American war in Vietnam and the present. The course will emphasize fiction reflecting America's cultural diversity and current trends in fiction.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Asian Studies

- **ENG-364 Modern American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry written between 1900 and the Second World War, to include writers such as Robert Frost, Ezra Pound, Wallace Stevens, T.S. Elliot, William Carlos Williams, Gertrude Stein, Amy Lowell, Hilda Doolittle, Marianne Moore, Claude McKay, Langston Hughes, and Jean Toomer, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-365 Contemporary American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry since 1950, to include writers such as Robert Lowell, Theodore Roethke, John Berryman, Sylvia Plath, Anne Sexton, William Stafford, Elizabeth Bishop, Lucille Clifton, Adrienne Rich, Philip Levine, Galway Kinnell, James Wright, Robert Bly, Charles Olson, Allen Ginsberg, Rita Dove, Robert Hass, and Yusef Komunyakaa, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-367 American Fiction 1920-1950**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR ENG 218

Credits:

4.00

Description:

A sampling of major American fiction from the Jazz Age, the Great Depression, and the years surrounding World War II. Possible authors include Gertrude Stein, Ernest Hemingway, Jean Toomer, F. Scott Fitzgerald, William Faulkner, Zora Neale Hurston, Nella Larsen, John Steinbeck, Richard Wright, and Mary McCarthy.

Term:

Occasional

- **ENG-380 Wharton and James**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A study of the work of two of America's greatest Realist writers, considering the achievement of each and their extraordinary friendship.

Term:

Occasional

- **ENG-387 Writing Women**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia Yeziarska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **ENG-407 Literary Theory**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A seminar on current approaches to the interpretation of literature, including psychoanalysis, deconstruction and feminist criticism. Students will experiment with making use of theory in analyzing selected literary texts.

Term:

Occasional

- **ENG-481 Boston in History, Lit & Film**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An interdisciplinary examination of the history of Boston. Special focus will be on Boston in fiction, poetry, and film, as well as on the analysis of historical documents and accounts. This course is recommended for History and Literature Honors Majors. Jointly taught by professors from the History and English Departments. Normally offered every third year.

Term:

Occasional

Government

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-224 Introduction to Public Policy

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-243 American Constitutional Law

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-244 Civil Liberties

Prerequisites:

Not open to Freshmen

Credits:

4.00

Description:

Analysis of Supreme Court decisions in regard to political and civil rights including freedom of speech, press, assembly and religion, obscenity, race and sex discrimination, and criminal procedure. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-253 State and Local Government

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

The development, structure and functions of state governments with emphasis on the government of Massachusetts; the various forms of local government in cities and towns; analysis of the relationships between local, state and federal governments. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-279 Minority Politics in the United States

Prerequisites:

Sophomore Status Required

Credits:

4.00

Description:

This course is designed to provide an intensive survey of minority politics in the political development of the United States. We will focus on the historical and contemporary experiences of several groups in American politics. In particular, the course will look at four groups that, for reasons of race, have been subjected to systematic discrimination and political subordination in U.S. history: American Indians, African Americans, Latino Americans, and Asian/Pacific Americans. In this course we will work toward an understanding of American politics from the point of view of politically active and engaged persons of color. This course will also take a close look at the future of race and ethnicity in American politics. It is a fundamental premise of this course that an understanding of race and minority politics is necessary to comprehensively understand American political development and many important issues in contemporary American politics. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE

• GVT-328 American Law, Government and Policy

Prerequisites:

Prerequisites: Not open to freshmen

Credits:

4.00

Description:

This course provides an overview of the legal system in the United States of America, in connection with the role of the Federal and State government and their policy. This course is designed for undergraduate and graduate students. During the semester, we will explore a variety of issues involving the legal system of the United States and how it affects local and federal government.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-335 Law, Politics and Public Health**

Credits:

4.00

Description:

Law is one of the primary tools used to protect public health in the United States. This course will use various case studies (tobacco industry, food industry, health care policy, etc.) to explore innovative uses of the law in diverse areas related to public health. Students will learn about the ways in which attorneys, public officials, politicians, and public health practitioners work together to make public health policy. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-337 Public Policy & Business**

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

Public policy-makers' interests in formulating and implementing policy in the areas of environmental protection, consumer protection, equal employment opportunity, health care, taxation and competition with a focus on business responsibility will be critically analyzed. Costs and benefits to the public and business will be evaluated. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-346 The American Presidency

Prerequisites:

GVT 110 AND GVT 120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Perspectives on the role and problems of the presidency in American political life; the nature and difficulties of presidential influence and effectiveness, presidential authority within our system of government, and the impact of presidential character. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-347 Legislative Politics

Prerequisites:

GVT 110 and GVT 120 or instructor's consent

Credits:

4.00

Description:

The structure and functioning of legislatures. Particular emphasis on the U.S. Congress, how it works and how it compares with other legislatures. The role of legislatures in a democracy. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-352 Constitutional Reform

Prerequisites:

GVT 110, 120, 243, and 244 or instructor's permission

Credits:

4.00

Description:

A critical analysis of whether our constitutional system is adequate to effectively resolve the new and complex problems of governance in this century. The strengths and weaknesses of governmental structure created by the U.S. Constitution will be examined. Past and current amendment proposals will receive special attention. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-355 American Parties & Politics

Prerequisites:

GVT 110 AND GVT 120, or instructor's consent

Credits:

4.00

Description:

Historical overview of party development in the U.S. and of ideological and political trends as reflected in voting behavior. Recent developments in party structure, electoral strategies and political style. The party crisis vs. the art of political campaigning. Normally offered alternate years.

Type:

- **GVT-360 Elections and Voting**

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

Type:

Humanities & History,Social Science,BSJ SOCIAL SCIENCE

- **GVT-363 American Foreign Policy**

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

A decision-making approach to understanding the domestic and institutional context of U.S. foreign policy. Includes analysis of continuity and change since WWII using case studies of critical decisions, e.g., Korea, Cuba, Vietnam, etc. Not open to freshmen. Prerequisites: GVT 110, GVT 120, GVT 261 or instructor's consent. 1 term - 4 credits. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-366 Massachusetts Legislative Process**

Prerequisites:

GVT 110 OR GVT347; SOPH STANDING

Credits:

4.00

Description:

This course examines fundamental framework, legislative oversight of the Executive Branch and basic functions of the Massachusetts Legislative. Special emphasis will be placed on gaining a practical understanding of the Massachusetts legislative process. Students are encouraged to explore the methods by which the major legislative measures are undertaken, various roles of legislative leaders, committee hearings and the procedures that are used under the Massachusetts General Laws. Open to non-majors. Offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-431 Congress: the Broken Branch**

Prerequisites:

TAKE GVT 110

Credits:

4.00

Description:

This course will examine the changes in the US Congress in recent years, as both party unity and party polarization have grown, with particular attention to the evolution of Senate rules as the need for a 60-vote majority has become a given.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-432 Legal Issues in Campaign and Elections**

Credits:

4.00

Description:

This course will explore legal issues affecting campaigns and elections. Among the topics covered will be the legal requirements to qualify for the ballot, campaign finance laws, challenges to candidates and ballot questions, and election recounts. Special emphasis will be given to the 2000 Presidential Recount in Florida.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-434 Immigration Policy and Politics**

Credits:

4.00

Description:

This course examines how American governmental institutions, political actors, and processes have both shaped and responded to one of the most significant and complex issues of public policy facing the nation: immigration to the United States. This class will explore a number of intriguing and difficult policy topics related to the almost unprecedented level of immigration that the U.S. has been experiencing. The focus of the class will include the following: admissions, citizenship, deportation and detention (including that of suspected terrorists), refugee/asylum law, and highly contested issues of today, such as definitions of citizenship, immigrant rights, and border enforcement. A major objective of this course is to provide students with the opportunity to conduct their own original research in American politics by delving into some aspect of immigration as a public policy issue.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-435 Race and Public Policy**

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- GVT-438 Environmental Policy & Politic

Prerequisites:

This course will have a service learning component Sophomore Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

Type:

Social Science,BSJ SOCIAL SCIENCE

History

- HST-169 African-American Genealogy

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to BLKST 169.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-221 William Lloyd Garrison in Boston's Abolition Movement

Credits:

4.00

Description:

A focus on the life of William Lloyd Garrison, whom Frederick Douglass called, the chief apostle of the unconditional emancipation of all the slaves. We will focus on the words of Garrison, on his support from the Boston colored community, and his role in the national Abolition movement. Garrison's confidence in the power of moral agitation to overcome institutional inertia will be a theme. The views of a spectrum of historians, writing from the context of many years, will raise questions about movement strategies relevant also today.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-224 Civil Rights in the 20th Century

Credits:

4.00

Description:

What is meant by the term civil rights? How do civil rights affect notions of what it means to be an American? In Civil Rights in the Twentieth Century, students will explore the history of civil rights movements- from the Reconstruction era through the Conservative revolution of the 1970s and 1980s- to answer these questions, and to try to understand the contested definition of civil rights in modern America. We will begin with the emancipation of four million African-Americans during the 1860s; we will continue through the first wave feminist movement of the late nineteenth and early twentieth century, and the labor movement from the Gilded Age through the New Deal; and we will conclude with the Black, women's, and gay rights movements of the 1960s and 1970s, and their relationship to the rise of the New Right during the 1970s and 1980s. Special attention will be paid to primary documents written by civil rights leaders and their followers, as well as analysis of secondary material on how civil rights has evolved over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement, Humanities & History, BSBA SOCIAL CHANGE

• HST-271 African-American History 1619-1860

Credits:

4.00

Description:

This course will examine the history of Africans in the United States from their arrival in the colonies to the Civil War and the end of legal slavery. Topics include: the slave trade, the development of the slave system, African-Americans and the Declaration of Independence, and the abolition movement. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-272 African-American History From 1860

Credits:

4.00

Description:

This course will examine African American history from the end of slavery to the present. Topics include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Exodusters, the Harlem Renaissance, Pan Africanism, the Civil Rights Movement, the Black Power Movement, African-Americans at the turn of the twenty-first century. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-290 19th Century America**

Credits:

4.00

Description:

This course explores the history of the United States from 1810 to 1910. Students will study the growth of American institutions, the rise and effects of a market society, westward expansion and Indian affairs, the enlivening of U.S. civic ideals, debates over free labor and slavery, the causes and effects of the Civil War, post-Civil War redefinitions of citizenship, immigration, Progressivism, and the nation's entry on to the world stage.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-292 American Foreign Relations Since 1898**

Credits:

4.00

Description:

The history of modern U.S. foreign relations. Key topics include the emergence of the U.S. as a world power, America's involvement in the two world wars, the Cold War, Vietnam, and globalization. U.S. relations with Latin America, Asia, the Middle East, Europe, and Africa are explored.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-299 Busing in Boston: the Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using the material on Boston's school desegregation in the Moakley archives. This will be augmented by discussions with local figures who were also involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to BLKST 299.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-307 U.S. Race Relations 1877-1945**

Credits:

4.00

Description:

This course focuses on the African-American freedom struggle. It describes the consolidation of segregation and disfranchisement laws, the rise of Booker T. Washington, the NAACP's fight for civil rights, black nationalism, African American participation in both world wars, the Harlem Renaissance, and Depression Era struggles. We will also consider the history of non-white groups including Hispanics, Asian-Americans, and Native Americans.

Type:

Humanities & History,Cultural Diversity Opt A,BSBA SOCIAL CHANGE

• HST-318 History of Sports in America

Credits:

4.00

Description:

This class will look at the history of sports in America from the era of American independence to the present. This course will examine the various roles which sports has played in American society including entertainment, cultural, social, political, and business.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

• HST-319 The History of Black Music in America

Credits:

4.00

Description:

Black music has been one of the primary cultural factors in the United States. From the African roots to hip hop in the 21st century Black music has served as an expression of African American consciousness, providing commentary on many aspects of black life. This art form provides commentary on many aspects of black life including social and political. It has also been a major force in shaping the culture of the United States as a whole. As such it provides an excellent window for exploring the history of Black America as well as the history of all America. With the use of texts, videos, and

recordings this class will examine the music of Black America in the context and communities in which it was created and performed, and also in relationship to the wider world. Cultural Diversity A

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **HST-333 The United States: 1898-1945**

Credits:

4.00

Description:

Topics include the Progressive Era, U.S. intervention in World War I and its domestic consequences, the cultural clashes of the 1920s, the Great Depression of the 1930s, the New Deal, and World War II. Note: formerly history 495.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- **HST-334 The United States: 1945-1970**

Credits:

4.00

Description:

American history in the decades immediately following World War II. Topics include the origins of the Cold War, McCarthyism, the emergence of a consumer society, the growth of the suburbs, the Civil Rights movement, the new women's movement, Vietnam, and the political upheavals of the 1960s.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• HST-335 The United States Since 1970

Credits:

4.00

Description:

American history in the period since Vietnam and Watergate. Topics include the end of the post-World War II economic boom, the late-20th century culture wars, the rise of the New Right and decline of the New Deal domestic order, the end of the Cold War, growing involvement in the Middle East, the emergence of new technologies, globalization, and the impact and aftermath of September 11.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-H359 The Age of Franklin

Prerequisites:

Permission of the Instructor required.

Credits:

4.00

Description:

Benjamin Franklin (1706-1790) rose from relative poverty and obscurity to become one of the most powerful and successful men of his century. This course will examine the political, scientific, and literary, and diplomatic cultures of the eighteenth century by focusing on Franklin's life, reading Franklin's Autobiography, and selections from his political, scientific, and satirical writings. This is an Honors-level course.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-362 History of Piracy

Credits:

4.00

Description:

Why did men (and some women) turn pirate? Why is there a continuing fascination with pirates? This course will explore the reality and fiction of pirates and piracy, focusing on the Golden Age of Piracy from 1690 to 1730, with particular attention to the pirates of New England. We will examine primary sources, historical accounts, and fictional presentations - both books and films - to better understand piracy, why it happened, and why it continues to fascinate us.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-365 Presenting History: Media & Methods of Public History

Credits:

4.00

Description:

Considers the history, theory, and techniques of public history presentation. Learn what visitors want for themselves and their families when they choose to spend their time at a historic site, historic house or history museum. Modes of presentation covered include film documentary, Web site exhibition, popular historical writing, and reenactment. Students produce a project using survey data and information learned throughout the course about preserving history through media and method to demonstrate what the future of historic preservation might resemble. Note: There will be travel involved to visit various historic sites. Please allow time before and after scheduled class time.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Expanded Classroom Requirement

• HST-368 Boston's Historic Houses

Credits:

4.00

Description:

Working with historic houses in Boston, students will learn that art of interpreting history. Using collections, archives, and other repositories, students will research the houses and the people who lived in them. Many of these houses have existed from colonial times and had various uses.

Formerly: HST 368 Introduction to Historical Interpretation.

Term:

Occasional

Type:

Humanities & History, Expanded Classroom Requirement, Humanities Literature Requirement

• HST-370 Workers in America

Credits:

4.00

Description:

How have ordinary American working people shaped and been shaped by the experience of work in a capitalist economic order? This course surveys the world of work and workers, free and unfree, from 1800 to the present. Topics include changing conceptions of work, formation of workers' consciousness and communities, working-class cultures, movements for labor reform, and the impact of race, ethnicity, and gender on labor markets, workplace dynamics, and working-class families and communities. The course also explores workers' experiences of industrialization and technological innovation, immigration and migration, consumerism and globalization. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History

• HST-371 U.S. Women's History Colonial to 1865

Credits:

4.00

Description:

This course traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women. Cultural Diversity A

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-372 U.S. Women's History: 1865-present

Credits:

4.00

Description:

This course examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture. Course materials include novels and films. Cultural Diversity A

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• HST-380 History of Plymouth

Credits:

4.00

Description:

Plymouth beyond the Mayflower Pilgrims, Thanksgiving and Plymouth Rock; this course will examine the history of Plymouth Colony from its origins in Reformation England to its absorption into Massachusetts in 1692. Particular attention will be paid to Native Wampanoag culture before, during and after King Philip's War. Students will read primary and secondary sources; investigate Plymouth Colony's material culture through architecture, food, and artifacts; field trips to sites in the Old Colony area will be arranged; and the lasting cultural significance of the Pilgrims and Plymouth will be examined.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-381 American Colonial History

Credits:

4.00

Description:

This course emphasizes the founding and settlement of English colonies in America; their social, economic, and political development; the Great Awakening; the British-French struggle for control of the North American continent; the background and causes of the American Revolution.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-382 The American Revolution**

Credits:

4.00

Description:

This course provides an analysis of the background, progress and results of the American Revolution. Emphasis is placed upon military aspects of the War for Independence, and on post-war efforts to establish a permanent workable American government culminating in the Federal Constitution.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

The development and influence of Boston from its foundation in 1630: the Massachusetts Bay Colony, cradle of the American Revolution; Boston as a Yankee merchant capital, Brahmin cultural center, immigrant melting pot, and modern metropolis. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend. ECR

Term:

Offered Fall Term

Type:

Humanities & History,Expanded Classroom Requirement,Humanities Literature Requirement

• HST-389 American Constitutional History I

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

The development of American constitutional government. Topics will include the drafting and ratifying of the state and federal constitutions in the 1770s and 1780s; the problems of individual liberty versus government power; state rights; race and slavery; war powers; pluralism.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

• HST-390 American Constitutional History II

Credits:

4.00

Description:

This course will explore changes in the American constitutional system since the Civil War. Topics will include due process and national citizenship; the growth and expansion of federal power; the evolution of segregation; the New Deal; the return of civil rights; the expansion of individual rights; the role of courts and states in the federal system.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-392 American Civil War and Reconstruction**

Credits:

4.00

Description:

Topics include the antebellum reform and expansion movements, especially as they affected slavery, and the deepening sectional crisis of the 1850s. An in-depth analysis of the violent war which followed, and Southern Reconstruction to 1877.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-395 US History: Race and Ethnicity**

Prerequisites:

Permission of Instructor Required

Credits:

4.00

Description:

An overview of American history from the perspective of its racial and ethnic minorities. Topics include: Native American efforts to retain cultural independence and to shape relations with the majority; Asian Americans and the model minority myth; African Americans and the Constitution; recent refugees and current immigration legislation. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the Reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the Reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to BLKST 469.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-471 Self, Body, & Sexuality- U.S. History**

Credits:

4.00

Description:

This course examines American debates over the natures, capacities, and responsibilities of men and women from settlement of the New World through the present. Emphasis is given to three elements of the self: social and civic personhood, the body, and sexuality. We will focus on representations of womanhood and masculinity - across racial, ethnic, and class lines - and their effects on men and women in society, politics, and at law. Course readings will also examine concepts of human nature and the interplay among mind, body, and sexuality.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-481 Boston History, Literature & Film**

Credits:

4.00

Description:

An interdisciplinary examination of the history of Boston. Special focus will be on Boston in fiction, poetry, and film, as well as on the analysis of historical documents and accounts. This course is recommended for History and Literature Honors majors. Jointly taught by professors from the History and English Departments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Do we all feel the same emotions across cultures and throughout history, or do we learn to feel according to the rules of our own time and place, or does the truth about human emotion lie somewhere in between? This course will first explore ideas about emotional life from the fields of history, anthropology, sociology, and psychology. We will then turn to our own examination of the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other. How have ideas about these subjects changed over time - and do our feelings change with them?

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **HST-494 Politics and Protest**

Credits:

4.00

Description:

This course will examine the impact of organized reform movements on American History from 1800s to the 1960s. Themes include utopianism, assaults on injustice, and attempts to control the behavior of the undesirable groups. Topics include anti-slavery agitation and religious revivalism before the Civil War, problems of industrialism and the working class, progressive political and social reform, temperance and prohibition, women's suffrage and women's rights, civil rights and the counter culture.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement,BSBA SOCIAL CHANGE

Music History

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

Humanities & History,Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Philosophy

- **PHIL-253 The Philosophy of America**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville,

Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-263 Native American Religion**

Credits:

4.00

Description:

This course is an examination of Native American (Indian) religious experience, both the similarities and differences among the myths and rituals of the major tribes which comprise the background of our nation's history of Western migration and settlement. The emphasis will be on understanding how life was experienced by these peoples through a close look at the philosophical meanings of their mythology and ethics. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

Type:

Cultural Diversity Opt A

Psychology

- **PSYCH-241 Social Psychology**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Studies the social determinants of the behavior of individuals in relation to groups and surveys current research findings in such major content areas as attribution, prejudice, conformity, obedience, social cognition, interpersonal attraction, altruism, and aggression. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- PSYCH-333 Adult Development & Aging

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

Type:

Social Science

- PSYCH-334 Adolescent Development

Prerequisites:

PSYCH-114 and sophomore standing

Credits:

4.00

Description:

Examines the physical, cognitive, emotional and social aspects of adolescence. Attention is given to identity, parent-adolescent relationships, values, sexuality, and career development as well as psychopathology, drug use and abuse, delinquency, and alienation. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-341 Sociocultural Perspectives on Behavior and Experience**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Exposes students, particularly those interested in helping and service careers, to the terminology and approaches used in the study and critical discussion of culture and diversity. This course will be useful for students seeking to develop sensitivity, respect, and understanding of the meaning that individuals attach to their own definitions of culture. While topics relevant to specific, ethnic, racial, gendered and differently abled groups will be covered to varying degrees in each semester, attention is also given to culture as a personal and societal construction. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Social Science

- **PSYCH-346 Community Psychology**

Prerequisites:

ECR

Credits:

4.00

Description:

Explores the efforts of psychologists to enhance the well-being of groups and communities. Complementing clinical approaches, community approaches have implications for both theory (e.g., environmental and/or person-environment theories) and practice (e.g., prevention-oriented paradigms targeted to groups and social systems). Students will be expected to attend weekly two-hour lectures to examine key concepts within the field (e.g., competence building, empowerment) as well as to engage in weekly community service activity. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Social Science, Expanded Classroom Requirement

Sociology

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

Type:

Social Science

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives,Cultural Diversity Opt B

- **SOC-228 Social, Cultural and Global Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives

• SOC-238 Cops & Robbers: Crime on Film

Credits:

4.00

Description:

An examination of images of crime and justice portrayed in the American cinema. Special attention is paid to the social and historical forces that have shaped popular representations of good and evil during the modern era.

Term:

Occasional

• SOC-275 Women and Crime

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

Type:

Cultural Diversity Opt A

• SOC-325 Popular Culture in America

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

An investigation of the images of life provided by mass communications, the educational system and official culture. Topics include: the growth of the youth culture since the 1950s; images of working people; women, minorities and advertising; changing ideas of success; consciousness-raising and contra-cultures.

Term:

Occasional

• SOC-326 Protest and Social Change

Credits:

4.00

Description:

An exploration of recent and contemporary protest movements. Cases studied may include Civil Rights women's movement, environmental, militia, and new right, gay and lesbian, labor, etc. Movement issues such as goals, tactics, use of violence, use of media cultural politics, social control and repression will be considered. Under what conditions do protest movements succeed or fail in bringing desired social change?

Term:

Occasional

Type:

Cultural Diversity Opt A,BSBA SOCIAL CHANGE

- **SOC-345 Get a Job: Welfare and Welfare Reform**

Prerequisites:

SOC 113 or SOC 116

Credits:

4.00

Description:

In 1996, Congress passed the Personal Responsibility and Work Opportunity Act (PRWORA), which requires states to reduce welfare caseloads by requiring recipients to work and limiting the number of years a family can receive benefits. This course will explore the history of welfare in the United States and the various efforts to reform it. Students will examine social, economic, and political forces that have driven recent reforms as well as exploring the interaction between race, gender, and poverty as they relate to welfare dependency and reform.

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

Type:

Cultural Diversity Opt A

Theatre

- **THETR-225 Intro to Theatre Arts**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-226 Intro to Theatre Arts II**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-227 Introduction to Theatre Arts III

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

• THETR-240 Dance Essentials I

Credits:

4.00

Description:

This is a course for the student who always wanted to learn the basics of dance as well as the student returning to dance. Class work includes centering, attention to placement, and the development of strength, flexibility, and musicality. Students will learn to think and write critically about the

form. Dance attire is required.

Term:

Occasional

• THETR-325 Women on Stage

Credits:

4.00

Description:

How do playwrights of different backgrounds and genders interpret female-ness? This class explores some of the great heroines of dramatic literature, as well as female playwrights and performers. Students will be encouraged to indulge their taste for drama, as well as ask deeper questions about how women on stage are presented, perceived, and constructed. Students will read, write and discuss plays in terms of their structure, plot, theme, and characterizations. Class activities may include watching videos and attending live theatrical productions.

Term:

Occasional

Type:

Cultural Diversity Opt A

• THETR-347 The Art and Artistry of Calling a Show

Prerequisites:

THETR-237 or instructor's consent

Credits:

4.00

Description:

In calling a show the stage manager cues all technicians to effect changes in lighting, sound, flying elements and special effects during performances. A well-called show is an artistic achievement no less than a well-acted, directed or designed show. Building on the ability to make a complete and

accurate stage manager's book learned in Intro to Stage Management, this course will teach calling skills for theatre, opera, dance and performance art. The course will demonstrate the construction of cues and how they promote the artistic vision of the production. In-class work will utilize the Studio Theatre and give students real-time opportunities for calling cues, and will include play reading and analysis. Outside class work will include attending and writing analyses of professional performances.

Term:

Occasional

2014-2015 Archived Catalog Information

American Studies

The American Studies minor engages students in the study of historical and contemporary U.S. identities, cultures, and societies. This program allows students to create an individualized course of study that draws on insights and methods from the arts, history, literature, and the social sciences. Each student must complete an introductory course, AMST-111 Defining America and Americans, and then may select four elective courses that relate in some coherent way. With his/her American Studies minor advisor, a student will identify a particular focus (e.g., an era, a topic, a theme, a region, a population, or a problem in American culture) that he or she wishes to explore closely.

American Studies courses count as elective credit and satisfy requirements for humanities and the minor. There is no major available in American Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [American Studies Courses](#)

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

This course will examine artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Humanities & History, Humanities Literature Requirement

2014-2015 Archived Catalog Information

Applied Legal Studies

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Paralegal Studies](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Associate's Degree](#)
- [Certificate](#)
- [Courses](#)

Students may pursue either a BA or BS in Applied Legal Studies. Students must complete 10 courses (40 credits) in their ALS major and the required courses for the chosen degree. Of the ten major courses, students must take seven required courses and may choose three of the ALS electives offered.

Students are encouraged to take Introduction to American Democracy in their first year and save Applied Legal Studies major courses for the sophomore year and beyond; many ALS courses require sophomore status.

Transfer students from non-ABA approved programs working toward a bachelor's degree in applied legal studies must take at least six ALS courses while in residence at Suffolk University.

Transfer students from an ABA-approved program must take at least five ALS courses while in residence at Suffolk University.

Required Courses (7 courses, 28 credits)

- GVT-110 Introduction to American Democracy

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **ALS-360 Fundamentals of Paralegal Practice**

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **ALS-361 Legal Research & Writing I**

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will Shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

Social Science

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

- **ALS-381 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal

Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor. 1 term - 4 credits. Normally offered spring and summer. ECR

Type:

Expanded Classroom Requirement

• ALS-385 Legal Research & Writing II

Prerequisites:

Take ALS-361;

Credits:

4.00

Description:

Building on the skills in ALS 361 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized. Normally offered spring semester.

Elective Courses (3 courses, 12 credits)

Choose 3 of the following courses:

• ALS-265 Law and Ethics

Credits:

4.00

Description:

Ethical issues are central in law for lawyers, paralegals, judges, jurors and anyone working within or touched by the legal system. This course examines philosophical questions, practical issues, and social theories of law, primarily through the use of legal materials, to analyze legal ethical theory. The course considers how major theories are characterized within the American legal system, including the presumption of innocence, due process guarantees, the right to counsel, and other fundamental legal concepts. Normally offered alternate years.

Type:

Social Science

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

Cultural Diversity Opt A

- **ALS-365 Wills and Probate**

Prerequisites:

Take ALS-264 or ALS-360 or Instructor's permission

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate. Prerequisites: ALS 360 or 363 or permission of instructor. 1 term - 4 credits. Normally offered yearly.

- **ALS-366 Corporate Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance. Normally offered alternate years.

- **ALS-368 Real Estate Law**

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted. Normally offered alternate years.

- **ALS-369 Family Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied. Normally offered yearly.

- **ALS-370 Administrative Law and Worker's Compensation**

Prerequisites:

Take ALS-360 or ALS-362

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied. Normally offered alternate years.

- **ALS-374 Torts: Personal Injury Law**

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal. Normally offered yearly.

- **ALS-375 Technology and the Law**

Prerequisites:

Take ALS-362

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet. Normally offered alternate years.

- **ALS-378 Advanced Litigation & Trial Practice**

Prerequisites:

ALS 362, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in ALS 362, Civil Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR. Normally offered yearly.

- **ALS-383 Immigration Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens. Normally offered yearly.

- **ALS-384 Intellectual Property**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights. Normally offered yearly.

- **ALS-390 Employment & Labor Law**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions that affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied. Normally offered yearly.

- **ALS-391 Domestic Violence, Abuse & Neglect**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

Type:

Cultural Diversity Opt A

• ALS-396 International Law

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

2014-2015 Archived Catalog Information

Applied Legal Studies

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Students are invited to use the following lists as aids to selecting courses toward completion of their program, but are not required to choose a concentration. Students in the Applied Legal Studies program may choose to concentrate in a particular area of law, as preparation for work in a specific field or because of interest in the area. Below are four potential concentrations for ALS students.

Public Interest Concentration

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

- **ALS-370 Administrative Law and Worker's Compensation**

Prerequisites:

Take ALS-360 or ALS-362

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied. Normally offered alternate years.

Litigation Concentration

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

Social Science

- **ALS-374 Torts: Personal Injury Law**

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal. Normally offered yearly.

- **ALS-378 Advanced Litigation & Trial Practice**

Prerequisites:

ALS 362, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in ALS 362, Civil Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR. Normally offered yearly.

Corporate/Business Concentration

- **ALS-376 Business Entities and Securities Law**

Prerequisites:

ALS 264 OR ALS 360 or permission of Instructor

Credits:

4.00

Description:

The special legal nature and requirements of many kinds of business entities, including sole proprietorships, partnerships, non-profit organizations, and franchises are studied, together with the role paralegals might play in assisting or creating these entities. Additionally, an introduction to the statutes and regulations of the federal securities law and blue sky laws, with special emphasis on the responsibilities paralegals can assume in this area, will be studied. Normally offered alternate years.

- **ALS-390 Employment & Labor Law**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions that affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied. Normally offered yearly.

- **ALS-366 Corporate Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance. Normally offered alternate years.

- **ALS-384 Intellectual Property**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights. Normally offered yearly.

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

Family Law Concentration

- **ALS-365 Wills and Probate**

Prerequisites:

Take ALS-264 or ALS-360 or Instructor's permission

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate. Prerequisites: ALS 360 or 363 or permission of instructor. 1 term - 4 credits. Normally offered yearly.

• ALS-369 Family Law

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied. Normally offered yearly.

• ALS-391 Domestic Violence, Abuse & Neglect

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

Type:

Cultural Diversity Opt A

2014-2015 Archived Catalog Information

Applied Legal Studies

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Students desiring to obtain a degree in two years may pursue an Associate of Science in Paralegal Studies (A.S.P.S.). Students must complete 8 courses (32 credits) in their major and the required courses for the chosen degree. Of those 8 courses, students must take 5 required courses and may choose 3 of the advanced ALS electives offered. One of those electives may be an internship working as a paralegal (ALS-381) after the student has completed at least 15 hours of applied legal studies coursework.

In their first year, students are encouraged to take only required courses, and should note that **ALS-265 and ALS-266 are not classes that can count toward an ALS requirement for the associate's degree.**

Transfer students working toward an associate's degree must take 5 ALS courses at Suffolk and two of the five courses must be required.

For a list of required and elective courses, see the Certificate Program page.

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Applied Legal Studies

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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Program of Study

The Certificate in Paralegal Studies program consists of six 4-credit courses: 5 required courses and 1 elective, for a total of 24 credits. Students are encouraged to take the required courses as early in their studies as possible. Please note that ALS 361 – Legal Research and Writing I is only guaranteed to be offered in the fall, and ALS 385 – Legal Research and Writing II is only guaranteed to be offered in the spring. Students should also note that ALS 265 and ALS 266 are not classes that can count toward the certificate. Certificate students must achieve a GPA of at least 2.0 in their ALS classes in order to receive a certificate.

Required Courses (Certificate and ASPS only; 5 courses, 20 credits)

- ALS-360 Fundamentals of Paralegal Practice

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **ALS-361 Legal Research & Writing I**

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will Shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

Social Science

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

- **ALS-385 Legal Research & Writing II**

Prerequisites:

Take ALS-361;

Credits:

4.00

Description:

Building on the skills in ALS 361 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized. Normally offered spring semester.

Elective Courses (1 course, 4 credits)

Choose one course from the following:

- **ALS-365 Wills and Probate**

Prerequisites:

Take ALS-264 or ALS-360 or Instructor's permission

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate. Prerequisites: ALS 360 or 363 or permission of instructor. 1 term - 4 credits. Normally offered yearly.

- **ALS-366 Corporate Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance. Normally offered alternate years.

- **ALS-368 Real Estate Law**

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted. Normally offered alternate years.

- **ALS-369 Family Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied. Normally offered yearly.

- **ALS-374 Torts: Personal Injury Law**

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal. Normally offered yearly.

- **ALS-375 Technology and the Law**

Prerequisites:

Take ALS-362

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet. Normally offered alternate years.

- **ALS-378 Advanced Litigation & Trial Practice**

Prerequisites:

ALS 362, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in ALS 362, Civil Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR. Normally offered yearly.

- **ALS-381 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor. 1 term - 4 credits. Normally offered spring and summer. ECR

Type:

Expanded Classroom Requirement

- **ALS-383 Immigration Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens. Normally offered yearly.

• ALS-384 Intellectual Property

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights. Normally offered yearly.

• ALS-390 Employment & Labor Law

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions that affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied. Normally offered yearly.

- **ALS-391 Domestic Violence, Abuse & Neglect**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

Type:

Cultural Diversity Opt A

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

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- ALS-264 Introduction to Law and Legal System

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

Type:

Social Science

- ALS-265 Law and Ethics

Credits:

4.00

Description:

Ethical issues are central in law for lawyers, paralegals, judges, jurors and anyone working within or touched by the legal system. This course examines philosophical questions, practical issues, and social theories of law, primarily through the use of legal materials, to analyze legal ethical theory. The course considers how major theories are characterized within the American legal system, including the presumption of innocence, due process guarantees, the right to counsel, and other fundamental legal concepts. Normally offered alternate years.

Type:

Social Science

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

Cultural Diversity Opt A

- **ALS-360 Fundamentals of Paralegal Practice**

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **ALS-361 Legal Research & Writing I**

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will Shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

Social Science

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

• ALS-365 Wills and Probate

Prerequisites:

Take ALS-264 or ALS-360 or Instructor's permission

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate. Prerequisites: ALS 360 or 363 or permission of instructor. 1 term - 4 credits. Normally offered yearly.

• ALS-366 Corporate Law

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities.

Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance. Normally offered alternate years.

- **ALS-368 Real Estate Law**

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted. Normally offered alternate years.

- **ALS-369 Family Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied. Normally offered yearly.

- **ALS-370 Administrative Law and Worker's Compensation**

Prerequisites:

Take ALS-360 or ALS-362

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied. Normally offered alternate years.

- **ALS-373 Education Law**

Credits:

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

- **ALS-374 Torts: Personal Injury Law**

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal. Normally offered yearly.

- **ALS-375 Technology and the Law**

Prerequisites:

Take ALS-362

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet. Normally offered alternate years.

- **ALS-376 Business Entities and Securities Law**

Prerequisites:

ALS 264 OR ALS 360 or permission of Instructor

Credits:

4.00

Description:

The special legal nature and requirements of many kinds of business entities, including sole proprietorships, partnerships, non-profit organizations, and franchises are studied, together with the role paralegals might play in assisting or creating these entities. Additionally, an introduction to the statutes and regulations of the federal securities law and blue sky laws, with special emphasis on the responsibilities paralegals can assume in this area, will be studied. Normally offered alternate years.

- **ALS-377 Pol of Regulation, Product Liability Litigation & Tort Reform**

Credits:

4.00

Description:

The law dictates that corporations, arguably the most influential institutions of our time, can have only one goal: to maximize profits for their shareholders. Corporations have no general legal or moral obligation to the well-being of society or individual consumers. This means that, if

corporations are to be restrained from maximizing profit by harming the public good, they must be regulated. When regulation fails, and dangerous products make it into the marketplace, consumers who are harmed can bring product liability lawsuits. Despite these facts, massive deregulation has occurred in the U.S. and tort reform threatens the ability of consumers to bring product liability lawsuits. Using the food and tobacco industries as case studies, we will examine the history of deregulation and tort reform and answer the following question: How can law and government be used to protect society and consumers by regulating a system programmed to ignore the welfare of everyone except shareholders?

• ALS-378 Advanced Litigation & Trial Practice

Prerequisites:

ALS 362, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in ALS 362, Civil Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR. Normally offered yearly.

• ALS-381 Paralegal Internship

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor. 1 term - 4 credits. Normally offered spring and summer. ECR

Type:

Expanded Classroom Requirement

- **ALS-383 Immigration Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens. Normally offered yearly.

- **ALS-384 Intellectual Property**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights. Normally offered yearly.

- **ALS-385 Legal Research & Writing II**

Prerequisites:

Take ALS-361;

Credits:

4.00

Description:

Building on the skills in ALS 361 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized. Normally offered spring semester.

- **ALS-390 Employment & Labor Law**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions that affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied. Normally offered yearly.

- **ALS-391 Domestic Violence, Abuse & Neglect**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

Type:

Cultural Diversity Opt A

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

- **ALS-510 Independent Study**

Prerequisites:

Instructor's consent required

Credits:

1.00- 4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

Type:

Social Science

2014-2015 Archived Catalog Information

Art & Design Foundation Studies

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If you are an open (undeclared) major or a major in another department, and you would like to become a BFA candidate, you must accomplish the following:

- Complete Foundation Drawing I (ADF S101), 2D/Color (ADF S166), and Integrated Studio 1 (ADF S171) or Perspective & Rendering (ADI S108) (depending on the student's anticipated major)
- Earn a combined GPA of at least 2.7 in those courses, with no grade lower than a C+
- Students who meet these conditions will be exempt from the NESAD portfolio requirement and will be invited to join the Bachelor of Fine Arts (BFA) program
- If the minimum GPA requirement is not met, students may petition to have examples of their studio coursework reviewed. Students also may solicit letters of recommendation from their professor(s) in support of their candidacy.
- At the end of the first semester, students who are not eligible to join the BFA program will be strongly advised to pursue another major at the University. Such students may apply completed studio courses toward a minor in Foundation Studies or use them as electives per the approval of their major program of study.

The Foundation Studies program or its equivalent is generally a prerequisite for major-specific coursework.

Foundation Studies Course Codes and Sequencing

The letter "S" preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

Please note: Undergraduate students should use the Foundation course numbers listed in the Undergraduate Academic Catalog. For graduate students, foundational course information is located in the [Graduate Academic Catalog](#). Graduate Foundation Studies course numbers will begin with a "5" rather than a "1" e.g. Foundation Drawing I is numbered ADF S501.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Courses](#)

Required Courses (5 courses, 15 credits)

• ADF-S101 Foundation Drawing I

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- **ADF-S166 2D/Color**

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Choose one of the following:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following:

- **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Fine Arts and Illustration majors add:

- **ADF-S123 Painting**

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

- **ADF-S171 Integrated Studio 1**

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Graphic design majors add:

- **ADF-S156 Imaging**

Prerequisites:

ADF S166

Credits:

3.00

Description:

Digital visual image generation and modification, especially when combined with traditional hand techniques, are essential skills for artists and designers of the 21st century. This course introduces techniques of image capture, manipulation and output. Weekly and longer-length assignments will address creative and innovative idea generation using these approaches.

Term:

Offered Both Fall and Spring

- **ADF-S171 Integrated Studio 1**

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Interior design majors add:

- **ADI-S106 Interior Design Communications**

Prerequisites:

Take ADF-S101 ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

Interior Design Communications teaches students how drawing media, observational drawing, perspective theory, color and design graphics can be integrated into the designer's process. In addition to exploring contrast, accent, reflection, shade and shadow, the course underscores the importance of freehand sketching as a tool to foster intellectual inquiry and convey design concepts to a wider audience. The course introduces students to manual and digital methods for composing work for conceptual expression, technical drawing presentation, and portfolio purposes.

Term:

Offered Both Fall and Spring

- **ADI-S108 Perspective Principles**

Prerequisites:

Prior or concurrent drawing experience

Credits:

3.00

Description:

This course introduces students to the systems of perspective developed during the Renaissance as a means of creating the illusion of 3-dimensional space on a 2-dimensional surface. Using 1-, 2-, and 3-point perspective, students will learn to effectively represent space. Basic drafting techniques and architectural scale are introduced. Both free-hand sketching and technical drawing methods will be emphasized. Manipulation of drawing through computerized scanning and digital photography included.

Term:

Offered Both Fall and Spring

• ADI-S110 Digital Orthographics

Prerequisites:

Take ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

This course will enable the student to produce, manipulate and print 2-dimensional drawings using digital software including Computer Aided Drafting (CAD). Students will acquire the skills necessary for producing measured architectural plans, elevations and sections as well as isometric and axonometric drawing types. Fundamentals of illustrating drawings in color, light and shadow through digital programs will be introduced.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

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Foundation Studies Course Codes and Sequencing

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Courses](#)

Studio Art Minor: Foundation Studies (6 courses, 18 credits)

Required Courses:

- ADF-S101 Foundation Drawing I

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

- ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- **ADF-S166 2D/Color**

Credits:

3.00

Description:

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- **ADF-S171 Integrated Studio 1**

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

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Foundation Studies Course Codes and Sequencing

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Courses](#)

• ADF-181 Ideas of Western Art I

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• ADF-182 Ideas of Western Art II

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

- **ADF-S101 Foundation Drawing I**

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S123 Painting**

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

- **ADF-S143 Color**

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

This course features a hands-on approach to the study of color as students create, modify and compare hues, values and strengths through the direct mixing and application of paint. Also explored will be issues of color harmony, chromatic light, space, color assimilation, and color psychology, as well as past and present views on the use of color in art and design. This intensive focus on the specific issues of color gives students experience with and flexibility in the use of color in their work.

Term:

Offered Both Fall and Spring

- ADF-S151 2-Dimensional Design

Credits:

3.00

Description:

The focus of this course is the fundamental logic and structure of two-dimensional organization. Emphasis will be placed on the essential elements of visual language: line, shape, value and texture. Students will learn to develop dynamic approaches to visual problem solving by combining these elements into a unified whole. Skills will include technical proficiency in a variety of wet and dry media, appropriate presentation of work, and the ability to discuss work critically.

Term:

Offered Both Fall and Spring

- ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- ADF-S154 Design: Issues & Process

Prerequisites:

ADF S151

Credits:

3.00

Description:

This course involves comprehensive design projects which concern more advanced visual issues, executed in a wide variety of media. Decision-making in the creative process and the development of strong design concepts will be emphasized. Areas of study will include: an investigation of the real world concerns of fine artists and designers, non-Western imagery and culture, and visual social engagement.

Term:

Offered Spring Term

- **ADF-S156 Imaging**

Prerequisites:

ADF S166

Credits:

3.00

Description:

Digital visual image generation and modification, especially when combined with traditional hand techniques, are essential skills for artists and designers of the 21st century. This course introduces techniques of image capture, manipulation and output. Weekly and longer-length assignments will address creative and innovative idea generation using these approaches.

Term:

Offered Both Fall and Spring

- **ADF-S166 2D/Color**

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

• ADF-S171 Integrated Studio 1

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

• ADF-S172 Integrated Studio 2

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

2014-2015 Archived Catalog Information

Art for Non-Majors

Students who are not BFA or Graphic Design Certificate candidates may take art and design courses at the New England School of Art & Design provided they have fulfilled any listed prerequisites. Students may also pursue an art minor, which requires the completion of 6 studio art courses (18 credits). An art minor may be earned in Foundation Studies, Graphic Design, Illustration, or Fine Arts. Bachelor of Fine Arts (BFA) candidates are also eligible to pursue an art minor outside of their major program of study, with the approval of the New England School of Art and Design (NESAD) department chair.

The letter "S" preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Fine Arts Minor Requirements](#)
- [Illustration Minor Requirements](#)
- [Art for Non-Majors Courses](#)

Studio Art Minor: Foundation Studies (6 courses, 18 credits)

Required Courses:

- ADF-S101 Foundation Drawing I

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of

visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create

forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- **ADF-S166 2D/Color**

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design(line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- **ADF-S171 Integrated Studio 1**

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

2014-2015 Archived Catalog Information

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Fine Arts Minor Requirements](#)
- [Illustration Minor Requirements](#)
- [Art for Non-Majors Courses](#)

Studio Art Minor: Graphic Design (6 courses, 18 credits)

Required Foundation Studies Course:

- ADF-S166 2D/Color

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color

and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design(line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Required Graphic Design Courses:

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

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Art for Non-Majors

Students who are not BFA or Graphic Design Certificate candidates may take art and design courses at the New England School of Art & Design provided they have fulfilled any listed prerequisites. Students may also pursue an art minor, which requires the completion of 6 studio art courses (18 credits). An art minor may be earned in Foundation Studies, Graphic Design, Illustration, or Fine Arts. Bachelor of Fine Arts (BFA) candidates are also eligible to pursue an art minor outside of their major program of study, with the approval of the New England School of Art and Design (NESAD) department chair.

The letter "S" preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Fine Arts Minor Requirements](#)
- [Illustration Minor Requirements](#)
- [Art for Non-Majors Courses](#)

Studio Art Minor: Fine Arts (6 courses, 18 credits)

Required Foundation Studies Courses:

- ADF-S101 Foundation Drawing I

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of

visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

Foundation Studies/Fine Arts Courses

Choose four of the following:

• ADF-S123 Painting

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

- **ADFA-S204 Sculptural Thinking**

Prerequisites:

Take ADF-S152

Credits:

3.00

Description:

Art is not just visual. Artists also think with their hands", understanding that engagement with the physical world is vital to the creative process, and often gives rise to unexpected and fruitful ideas. In this course, students will explore traditional and experimental sculptural processes in a spirit of directed play", focusing on both intuitive and critical responses to materials.

- **ADFA-S212 Figure Painting: Issues in Contemporary Realism**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

3.00

Description:

This course functions as a lab for students to improve their painting skills. Working directly from the models, beginning and more advanced students will explore technique at their own level. Tri-weekly poses will allow in-depth investigation and complex images to develop. Students can work with the painting medium of their choice. Historical and contemporary painters will be used to further the students progress. Open to majors and non-majors.

Term:

Occasional

- **ADFA-S241 Advanced Painting**

Prerequisites:

ADF S123.

Credits:

3.00

Description:

This course will involve the concepts and techniques of 20th and 21st century painting. Students develop an individual approach to non-objective and objective painted space. Open-ended assignments, lectures, critiques and discussions will clarify the work students produce. Substantial independent studio time allows students to focus on work that responds to contemporary issues in painting.

Term:

Offered Spring Term

- **ADFA-S242 Sculpture Studio**

Prerequisites:

ADF S152

Credits:

3.00

Description:

A focused study on the language of dimensionality in sculpture, students will explore traditional and non-traditional materials. Issues of craft, concept and context will aid students in developing work that responds to currents in contemporary sculpture. This class will also provide students with a substantial grounding in 20th and 21st century sculptural theory and practice.

Term:

Offered Spring Term

- **ADFA-S251 Printmaking Studio**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently. Open to NESADSU majors only.

Term:

Offered Fall Term

- **ADFA-S311 Contemporary Trends & Practices**

Prerequisites:

Intended for Majors only

Credits:

3.00

Description:

Contemporary Trends & Practices moves art theory into the studio and the studio out into the world. Students will look at the most significant artists and movements of the past 50 years while examining their social, cultural and political context. Canonized contemporary art categories (postmodernism, appropriation, anti-art and performance art are some examples) are assigned as group projects. Movements, strategy or style of art making is discussed as an expressive problem solving experience, blurring the lines between media. This course conflates contemporary art history with contemporary art practices.

Term:

Offered Fall Term

• ADFA-S330 Experimental Drawing & Painting

Prerequisites:

Take ADF-S123; or Instructor's Permission.

Credits:

3.00

Description:

This course is designed to provide a workshop style environment for students to achieve an increasingly sophisticated level of mastery. Students are encouraged to develop their own area of interest in painting and drawing. In class models will be available to those who want to work figuratively. Individual and group critiques are integrated into the semesters work. The class will study the works of contemporary and historical painters. This is not a class for beginning students.

Term:

Offered Both Fall and Spring

- **ADFA-S344 Advanced Drawing Issues**

Prerequisites:

Take ADFA-S272;

Credits:

3.00

Description:

This course has students assess their work of the past several years in order to determine current and future goals. Students use the tools they find in the relationship between 2D and 3D in order to define contemporary drawing for themselves.

Term:

Offered Fall Term

- **ADFA-S361 Figure Studio: 2D**

Prerequisites:

ADF S123 AND ADFA S241

Credits:

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century through the present.

Term:

Offered Fall Term

- **ADFA-S362 Figure Studio: 3D**

Prerequisites:

Take ADF-S152 ADFA-S361;

Credits:

3.00

Description:

This sculpture course considers the figure in its importance both as a historical element and as a reflection and definition of self. Established an understanding of the figurative form in the space by relating gesture and structure through manipulated form. Weight, mass, plane and volume are considered while working directly from the model.

Term:

Offered Spring Term

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Art for Non-Majors

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- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Fine Arts Minor Requirements](#)
- [Illustration Minor Requirements](#)
- [Art for Non-Majors Courses](#)

Studio Art Minor: Illustration for BA/BS Students (6 courses, 18 credits)

Required Courses:

- ADF-S101 Foundation Drawing I

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of

visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

• ADIL-S201 Illustration I: Visual Communication

Prerequisites:

ADF-S101 and ADF-S166 and ADIL-S223 is recommended(previously or concurrently)

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual syntax with emphasis on the development of visual literacy. Topics include staging, lighting and atmosphere, implied and sequential narrative, iconography and visual metaphor. Informed by lecture, discussion with defined objectives and considerations, and examples, students will explore these concepts through a series of assignments related to audience and function. Through preliminary studies and sketches, students explore multiple solutions with consideration of concept, drawing issues, composition and technique. Students are encouraged employ their medium of choice and utilize methods learned in Traditional Techniques.

Term:

Offered Fall Term

• ADIL-S202 Illustration II: Process & Practice

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on the process of the concepts and principles introduced in Illustration I with emphasis on idea generation and picture making. Assignments emphasize all aspects of preliminary stages and final art. Each assignment addresses a particular market and target audience with special emphasis on traditional narrative illustration that involves clothed figure models, other visual reference, and theatrical staging. Students will practice problem-solving within a defined set of parameters, using a medium of choice and utilizing approaches learned in Traditional Techniques and Digital Techniques. Emphasis is placed on the need to preserve spontaneity and vitality in task-based creative work. Various pre-production, formatting and presentation requirements for effective print and digital reproduction are also demonstrated.

Term:

Offered Spring Term

Choose one of the following:

- **ADIL-S223 Traditional Techniques**

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

In this course students will explore a variety of wet and dry media traditionally used for art reproduction. A range of approaches, from precise to expressive, will be explored. Assignments will involve a wide range of subject matter (still life, wildlife, landscape, and human figure) drawn or painted from direct observation, photo reference, and invention. Students will explore fundamental principles of design and color through composition, with an emphasis on technical experimentation and practice.

Term:

Offered Fall Term

- **ADIL-S255 Digital Techniques**

Prerequisites:

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Students will work primarily from direct observation utilizing drawing, painting and photo manipulation software, vector-based graphics software as well as Autodesk Sketchbook Pro and Corel Painter. The course includes an introduction to 3D modeling software. Similarities and compatibilities among-and essential differences between-applications are emphasized. Basic scanning, formatting, printing and presentation procedures will be covered with emphasis on file management, and the use of Help menus and online tutorials. Practice and experimentation will be emphasized, and issues of color and composition will be addressed.

Term:

Offered Spring Term

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Art for Non-Majors

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- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Fine Arts Minor Requirements](#)
- [Illustration Minor Requirements](#)
- [Art for Non-Majors Courses](#)

- **ART-01 Jumpstart Art**

Credits:

0.00

Description:

This is a 10-week introduction to basic studio skills and concepts for Undecided majors who need to assemble an Admission's portfolio for the BFA program. The course is designed to support students and to ensure their success by focusing on studio course homework. Special topic presentations will enrich and challenge students' learning experiences. Undecided majors must take ART 01 concurrently with first semester Foundation studio courses.

Term:

Offered Both Fall and Spring

- **ART-02 Pre-College**

Credits:

0.00

Description:

Intended for high school students and recent high school graduates. Normally offered summer semester.

- **ART-S209 Introduction to Drawing and Mixed Media**

Credits:

3.00

Description:

This course is an introduction to the fundamental principles of drawing using both traditional and experimental techniques. Media includes pencil, charcoal, pastels, oil pastels, image-transfer, and collage. This course is appropriate for beginners as well as more advanced students. Individual attention is given to students at various levels of ability and allows students to progress at their own pace. The lessons will be supplemented by lectures and visits to museums and galleries. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

- **ART-S211 Introduction to Painting**

Credits:

3.00

Description:

This introductory course is designed to encourage students with little or no knowledge of the use of various painting processes. The basic elements of painting are introduced in exercises enhanced by demonstrations and gallery visits. Students can choose to work with various painting mediums

including oil, acrylic, or watercolor. Creative work is encouraged in a relaxed atmosphere where individual attention is given to students at various levels of ability. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

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Art History

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Art History Courses](#)

To meet the requirements for the art history major, students must complete ten courses (38-40 credits).

Foundation Requirement (2 courses, 8 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Upper Level Course Requirement (6-8 courses, 24-32 credits)

Chosen from among the following courses. At least one of the upper-level courses must be an ARH 400-level seminar in art history or ARH-502 Honors Thesis.

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-306 Art of the Middle Ages**

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich , Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-311 American Art**

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-316 Contemporary Art

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-318 Art and Museums Today

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

- ARH-321 Women, Art & Society

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Cultural Diversity Opt B, BFA Humanities Requirement, Cultural Diversity BFA,

- ARH-347 History of Photography

Credits:

4.00

Description:

An introduction to the study of photographs. The history of the medium in Europe and America from its invention to the present. Lectures address photographic theory and methodology, and photographs are studied both as art objects and as historical artifacts. Topics include portraiture, documentary photography and photojournalism, Pictorialism and art photography, landscape photography, and issues of gender, race, identity, and the body.

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- **ARH-502 Honors Thesis**

Prerequisites:

Senior standing & permission of the Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Students meet with a departmental faculty member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Related Options (maximum of 2 courses, 6-8 credits)

Two of the eight upper-level courses may be taken outside of the Department of World Languages and Cultural Studies, through the art history offerings at NESAD, or in related areas of visual culture such as the philosophy of art, photojournalism, advertising, cinema, and select 3-credit studio art and design courses, such as the following: (Other courses may be permitted at the discretion of the major advisor.)

- **ADF-S101 Foundation Drawing I**

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

- **ADF-S123 Painting**

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

- **ADF-S143 Color**

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

This course features a hands-on approach to the study of color as students create, modify and compare hues, values and strengths through the direct mixing and application of paint. Also explored will be issues of color harmony, chromatic light, space, color assimilation, and color psychology, as well as past and present views on the use of color in art and design. This intensive focus on the specific issues of color gives students experience with and flexibility in the use of color in their work.

Term:

Offered Both Fall and Spring

- **ADF-S151 2-Dimensional Design**

Credits:

3.00

Description:

The focus of this course is the fundamental logic and structure of two-dimensional organization. Emphasis will be placed on the essential elements of visual language: line, shape, value and texture. Students will learn to develop dynamic approaches to visual problem solving by combining these elements into a unified whole. Skills will include technical proficiency in a variety of wet and dry media, appropriate presentation of work, and the ability to discuss work critically.

Term:

Offered Both Fall and Spring

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- **ADFA-304 Art and Architecture of the Italian Renaissance**

Prerequisites:

ADF-182 and the Fine Art Program Director's consent.

Credits:

4.00

Description:

This course introduces the students to Italian Renaissance art, artists and culture from the first evidence in the Italian Gothic (around the 1260's) to the Early and High Renaissance, predominantly in Florence and Venice, up to the 1600's. The course will survey the history of painting, sculpture and architecture as we study the works individually, for their formal elements and visual importance, but also within their aesthetic, historic, political and cultural context. Class discussion and a visual analysis of works of art will encourage personal interpretation and critical thinking. A list of terms related to the Renaissance introduces the language of art. Normally offered during the summer. Offered in Italy only.

Type:

Expanded Classroom Requirement

• ADFA-306 Art & Culture of Asia, Africa, South America and Oceania

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroo

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

Term:

Offered Both Fall and Spring

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

- **CJN-291 Film Studies: the Modern Era Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **GER-306 German Cinema**

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

Notes:

- A relevant Seminar for Freshmen with a strong concentration in art history or visual culture may also count toward one of the related options at the discretion of the major advisor.
- Upper-level art history courses taken at other institutions or through study abroad must be approved by the student's art history advisor (preferably prior to being taken), and must not overlap significantly with any other upper-level art history course(s) counted toward the major.
- Except under special circumstances approved by the student's art history advisor, at least 6 of the 10 courses (24 of the 38-40 credit hours) must be fulfilled through coursework offered by the Department of World Languages and Cultural Studies.
- AP credit cannot be applied toward the major.

2014-2015 Archived Catalog Information

Art History

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Art History Courses](#)

The art history minor consists of six courses (24 credits).

Foundation Requirement (2 courses, 8 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Upper Level Course Requirement (4 courses, 16 credits)

Chosen from among the following courses:

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-306 Art of the Middle Ages**

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich , Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-310 Modernism in Art

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-311 American Art

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-312 Art of the Northern Renaissance

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-316 Contemporary Art

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-318 Art and Museums Today

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Cultural Diversity Opt B, BFA Humanities Requirement, Cultural Diversity BFA,

- **ARH-347 History of Photography**

Credits:

Description:

An introduction to the study of photographs. The history of the medium in Europe and America from its invention to the present. Lectures address photographic theory and methodology, and photographs are studied both as art objects and as historical artifacts. Topics include portraiture, documentary photography and photojournalism, Pictorialism and art photography, landscape photography, and issues of gender, race, identity, and the body.

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

Notes:

- Upper-level art history courses taken at other institutions or through study abroad must be approved by the student's art history advisor (preferably prior to being taken), and must not overlap significantly with any other upper-level art history course(s) counted toward the minor.
- Except under special circumstances approved by the student's art history advisor, at least four of the six courses (16 of the 24 credit hours) must be fulfilled through coursework offered by the Department of World Languages and Cultural Studies.
- AP credit cannot be applied toward the minor.

2014-2015 Archived Catalog Information

Art History

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Art History Courses](#)

In order to be considered for honors in Art History, a student must satisfy the following criteria:

- Students interested in honors should consult with the department chair during the spring semester of their junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 GPA in their major coursework.
- Honors candidates should register for ARH-502 (Honors Thesis) in the fall semester of their senior year. Under the guidance of an art history faculty member, they will use this course to complete a research paper. This paper will be evaluated by all art history faculty. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

- **ARH-502 Honors Thesis**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

2014-2015 Archived Catalog Information

Art History

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Art History Courses](#)

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-H102 Honors Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- ARH-305 Art of Greece and Rome

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-306 Art of the Middle Ages

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-307 Art of the Italian Renaissance

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-308 Art of the Baroque & Rococo

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-309 Art of the 19th Century

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich , Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-311 American Art**

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-312 Art of the Northern Renaissance

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-315 Modernism and Spanish Masters

Credits:

4.00

Description:

This course examines the Spanish contributions to Modern art with a specific concentration on the Spanish masters Goya, Picasso, Dali and Miro. Through these artists, the course will explore one of the most controversial periods of Spanish and European history, from the 19th through the dawn of the 20th century. The course is offered only at Suffolk's Madrid campus. Students will take advantage of the rich cultural offerings of the city by making frequent visits to the Prado, Thyssen and Reina Sofia museums. (Taught in Madrid)

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- **ARH-H315 Honors Modernism and Spanish Masters**

Credits:

4.00

Description:

This course examines the Spanish contributions to Modern art with a specific concentration on the Spanish masters Goya, Picasso, Dali and Miro. Through these artists, the course will explore one of the most controversial periods of Spanish and European history, from the 19th through the dawn of the 20th century. The course is offered only at Suffolk's Madrid campus. Students will take advantage of the rich cultural offerings of the city by making frequent visits to the Prado, Thyssen and Reina Sofia museums. (Taught in Madrid)

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- **ARH-316 Contemporary Art**

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-318 Art and Museums Today

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

• ARH-321 Women, Art & Society

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,BFA Humanities Requirement,Cultural Diversity BFA,

- **ARH-347 History of Photography**

Credits:

4.00

Description:

An introduction to the study of photographs. The history of the medium in Europe and America from its invention to the present. Lectures address photographic theory and methodology, and photographs are studied both as art objects and as historical artifacts. Topics include portraiture, documentary photography and photojournalism, Pictorialism and art photography, landscape photography, and issues of gender, race,identity, and the body.

Term:

Occasional

Type:

Humanities Literature Requirement,Humanities & History

- **ARH-401 Special Topic: Seminar in Art**

Prerequisites:

Permission of instructor needed

Credits:

4.00

Description:

Topic will vary from year to year.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, Humanities & History

- **ARH-406 Seminar in Art History: Bernini**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

Gian Lorenzo Bernini was arguably the most important and influential figure in the world of 17th-century art. A master of technique, Bernini transformed cold marble into statues that seem to live and breathe. The eroticism of his Ecstasy of Santa Teresa raised eyebrows when first unveiled and continues to move and astonish those who see it today. As an architect he set new standards that helped define Baroque style. This seminar, designed for art history majors and minors, explores Bernini's career within the context of the religious, political, and artistic upheavals of his time; it also helps students develop research skills and provides a foundation that will be valuable for anyone pursuing a career in the world of art and museums.

- **ARH-502 Honors Thesis**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- ARH-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Students meet with a departmental faculty member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

2014-2015 Archived Catalog Information

Arts Administration

As a complement to their undergraduate major, students who take a minor in Arts Administration will have basic knowledge in the following areas:

- Arts administration, including the managerial, financial, and legal needs of arts organizations
- Marketing strategies and outreach programming for the arts
- Resource development for the arts, with an emphasis on grant and proposal writing

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)

Minor Requirements: 5 courses, 17-20 credits

Core Requirements (3 courses, 9 credits)

- THETR-281 Arts Administration I

Credits:

4.00

Description:

The expansive world of arts administration provides a wealth of rewarding career opportunities. This course will provide a fundamental overview of the managing, marketing, fundraising, and financial management functions of the performing and visual arts organizations. Using Suffolk's Modern Theatre as a laboratory, as well as site visits to some of Boston's greatest arts and culture institutions, we will investigate real world successes and challenges and discover what special talents each individual student can bring to the management mix. This course is a core requirement for Suffolk's new interdisciplinary Arts Administration minor.

- MKT-210 Principles of Marketing

Prerequisites:

WRI 101 or WRI 103

Credits:

3.00

Description:

As part of the core curriculum for the BSBA, this course provides a comprehensive, innovative, managerial, and practical introduction to marketing. Students will learn and apply basic concepts and practices of modern marketing as used in a wide variety of settings. Technological advances, rapid globalization, economic shifts and cultural and environmental developments are causing profound changes in the marketplace. As the marketplace changes, so must the marketers who serve it. These new developments signify a brand new world of opportunities for forward thinking marketers. In response to these new developments, the focus of this course is on four major themes that go to the heart of modern marketing theory and practice: 1. Building and managing profitable customer relationships; 2. Building and managing strong brands; 3. Harnessing new marketing technologies in this digital age; and 4. Marketing in a socially responsible way around the globe.

Electives (2 courses, credit varies)

Choose two of the following courses:

Business

- **ACCT-201 Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

- **BLE-214 Principles of Business Law**

Credits:

3.00

Description:

Introduces the field of business law. Provides an overview of the organization and operation of the American legal system, court system and legal procedure. Examines selected business law topics such as contracts, torts, criminal law, agency, and business organizations. Attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

- **ENT-101 Business Foundations**

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

Offered Both Fall and Spring

- **ENT-320 Small Business Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution.

Term:

Offered Both Fall and Spring

• **ENT-356 Bootstrapping the Startup Or Small Business**

Prerequisites:

ACCT 201 and Junior Standing.

Credits:

3.00

Description:

Did you ever wonder how you are going to start a business or run an existing small business without enough capital? This is a very common phenomenon where startups and small businesses are typically undercapitalized and need to maximize internally-generated cash flow to not only start of run the business, but to also grow. Centered around an experiential process, this course will identify how to internally generate cash flow with the realization that more than 90% of all ventures operate in a bootstrapping environment. This course will identify a strong understanding of cash inflows, outflows, and maximizing both components to generate additional capital necessary for the business's requirements.

Term:

Occasional

- **MGT-401 Negotiations**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

- **MKT-315 Integrated Marketing Communication**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

- **MKT-444 Managing Social Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media has altered the landscape of business, communications, marketing, and society as a whole. While some social media like Wikipedia and Facebook have become part of the fabric of many consumers' lives, new media like Snapchat and Tumblr are emerging. This constantly evolving landscape offers businesses innovative ways for generating awareness, demand and revenue. In this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. Naturally, student projects, assignments, and other activities will use social media tools.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

- **P.AD-325 Nonprofit Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

The primary focus will be on understanding the operational and strategic leadership aspects of managing mission driven, public service organizations. Specific emphasis will be placed on nonprofit corporations, including coursework that explores the legal, structural, and operational issues that are particular to such organizations.

Communication and Journalism

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-247 Design Lab**

Credits:

4.00

Description:

Computer applications for Advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

- **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

Term:

Offered Both Fall and Spring

- **CJN-277 Public Relations I: Principles**

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues, trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

- **CJN-297 New Media New Markets**

Credits:

4.00

Description:

Explores current trends in advertising and public relations. Examines new media choices in cable, direct response and the internet and their impact on these professions. Includes an analysis of new markets in Generation X, Generation Y, the international, and ethnic communities.

Term:

Offered Both Fall and Spring

• CJNI-378 Event Planning and Promotion

Prerequisites:

CJNI 277

Credits:

4.00

Description:

Examines how conferences are built, promoted, managed, and assessed, with particular emphasis on nonprofit conventions, trade shows, and volunteer organizations. Specific issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

• CJNI-381 Business of Media

Prerequisites:

CJNI-255

Credits:

4.00

Description:

Explores how media in the 21st century are managed. Students learn contemporary trends in media regulation, ownership structures, programming strategies, audience measurement, and global business tactics. Students apply these concepts by running a media firm simulation. Normally offered yearly

Term:

Occasional

- CJA-383 Online Advertising

Prerequisites:

CJA-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Occasional

- CJA-389 Social Media

Prerequisites:

CJA-257;

Credits:

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building and social activism are considered. The roles of advertising, public relations and branding are examined.

Term:

Occasional

- CJA-457 Integrated Marketing Communication

Prerequisites:

Take CJA 277, CJA 257

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process.

Term:

Offered Both Fall and Spring

NESAD/World Languages & Cultural Studies

• **ADF-S101 Foundation Drawing I**

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

• **ADF-S166 2D/Color**

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- **ADF-S171 Integrated Studio 1**

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

- **ARH-316 Contemporary Art**

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-318 Art and Museums Today**

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-401 Special Topic: Seminar in Art**

Prerequisites:

Permission of instructor needed

Credits:

4.00

Description:

Topic will vary from year to year.

Term:

Offered Spring Term

Type:

- **ART-S209 Introduction to Drawing and Mixed Media**

Credits:

3.00

Description:

This course is an introduction to the fundamental principles of drawing using both traditional and experimental techniques. Media includes pencil, charcoal, pastels, oil pastels, image-transfer, and collage. This course is appropriate for beginners as well as more advanced students. Individual attention is given to students at various levels of ability and allows students to progress at their own pace. The lessons will be supplemented by lectures and visits to museums and galleries. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

- **ART-S211 Introduction to Painting**

Credits:

3.00

Description:

This introductory course is designed to encourage students with little or no knowledge of the use of various painting processes. The basic elements of painting are introduced in exercises enhanced by demonstrations and gallery visits. Students can choose to work with various painting mediums including oil, acrylic, or watercolor. Creative work is encouraged in a relaxed atmosphere where individual attention is given to students at various levels of ability. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

Theatre

- **THETR-100 Theatre Practicum: Performance**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. May be taken more than once.

Term:

Offered Both Fall and Spring

• **THETR-102 Theatre Practicum: Production**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

• **THETR-129 Acting**

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

• THETR-139 Vocal Technique

Credits:

4.00

Description:

Vocal Technique provides students with an essential foundation to help ensure the safe and effective use of the speaking and singing voice. Topics will include alignment, relaxation, breath support, placement, resonance, vocal anatomy, and the care and protection of the voice under normal and stressful situations. Students will do oral presentations and have the option of singing in a master class setting. This is a studio course with a written component.

Term:

Offered Both Fall and Spring

• THETR-187 Intro to Stage Management

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this

course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

- **THETR-289 Managing the Start-Up Arts Organization**

Credits:

4.00

Description:

Managing a start-up arts organization requires not only the financial, programming, development and interpersonal skills of day-to-day arts management, but the additional creative and imaginative abilities to attract and manage stakeholders, brand the organization, and create governance and hierarchical structures. Using Suffolk's new Modern Theatre as a laboratory, we will investigate the process of starting-up, how it differs from organization to organization, and what special talents each individual student can bring to the management mix. Reading and writing are required for the course, as well as specific work projects either at the Modern or at a local start-up.

Term:

Occasional

- **THETR-375 Directing I**

Credits:

4.00

Description:

This conservatory-style course provides students with fundamental directing skills through lectures, readings, and weekly projects that explore composition, staging, text analysis, and directorial communication skills. Students in this course become eligible to propose their own projects to the Theatre Department for production consideration. Directing students are also encouraged to stage manage and assistant direct faculty productions both in and outside of the Department.

Term:

Offered Fall Term

- **THETR-461 Play Analysis**

Credits:

4.00

Description:

This seminar course examines Shakespeare's plays and their modern correlatives. (i.e. Hamlet and The Seagull, King Lear and Endgame) Students read the texts out loud in class examining the meaning, action, objective, and philosophical and historical contexts with the professor. The goal is to get closer to the original intentions of the author and determine not only the basic theme and character relationships, but the kind of mind that could create such a play. In analyzing a modern play students also examine the impact of Shakespeare's mind on future playwrights. There will be a midterm paper and a final exam.

Term:

Offered Fall Term

- **THETR-465 The American Resident Theatre**

Credits:

4.00

Description:

This course will examine some of the principal art theatres in this country beginning with the early days of the Provincetown Players and continuing up to the present day. By examining material about their histories, often written by their founding directors, students will determine when these theatres fed off each other's ideas and ideals, and when they set off in entirely new directions. The course will also explore the viability of not-for-profit institutions in a corporate society.

Term:

Occasional

2014-2015 Archived Catalog Information

Asian Studies

Asian Studies is an interdisciplinary program that offers courses in the humanities and social sciences with a focus on Asia.

Students majoring in Asian Studies are required to master at least one Asian language on the advanced-intermediate level. In addition, students should have one semester, summer, or short-term study abroad experience in Asia or an alternative Asian American community experience in the local area, with the permission of the director.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Asian Studies Courses](#)

Required Major Course Component (8 courses, 32 credits)

Students must take courses from at least three departments, with no more than 20 credits from any one department. Some Freshman Seminar courses may qualify with the approval of the Program Director.

- AS-100 Introduction to Asian Studies: Culture, People, Ideas

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

Type:

Asian Studies,Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement,Divers

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroo

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming

of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

- **AS-210 Traditional Chinese Society From 1800 to 1949**

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Term:

Occasional

- **AS-220 Chinese Food in America**

Credits:

4.00

Description:

There are more Chinese restaurants in the U.S. than MacDonald's, Burger Kings and KFC'S combined. This course examines the unique American phenomenon of Chinese food from a historical and anthropological viewpoint. Students will gain a better appreciation and understanding of the subject through the course and will probably never look at local Chinese takeout the same way afterwards.

Type:

Asian Studies

- **AS-500 Asian American Community Experience**

Credits:

4.00

Description:

This course facilitates students' exposure to Asian American communities and enhances their knowledge of diverse Asian cultures through research projects and service activities or an internship. Students will study under the guidance of the Director of the Major program and/or a faculty member as well as work with a community organization or service agency for a semester. They will engage in specific projects or an internship in collaboration with the assigned organization or agency to understand the cultural values and current issues relating to Asian populations. They will complete required hours as per the arrangement with the site and submit a comprehensive service/research report on their learning process and critical reflection of their experience at the end of the semester.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CHIN-211 Survey of Chinese Literature and Culture I**

Credits:

3.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with a brief introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the present time. The diverse origins of China's civilization are stressed as topics in political, social, and economic history are explored, with a focus on developments in language, literature, and art. This course is a good introduction to further study of Chinese history and culture and, in particular, provides a valuable context for themes treated in Modern China.

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such as colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

• EC-141 Development Economics

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies, BSJ SOCIAL SCIENCE

• EC-430 International Trade Theory & Policy

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **ENG-362 Asian American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A,Asian Studies

- **GVT-388 The United States and East Asia**

Credits:

4.00

Description:

This course will examine US relations with East Asia through the lens of leading International Relations theories. We will analyze the growing regional influence of China, and will also examine the foreign policies of major regional powers including South and North Korea, Japan, and Taiwan. By exploring the economic and political factors that are working to shape the dynamic East Asian regional order, we will gain an understanding of the challenges faced by the US in this economically and strategically pivotal region.

Type:

BSJ SOCIAL SCIENCE, Social Science

• GVT-389 Politics of China

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies

• GVT-411 Politics of North and South East Asia

Credits:

4.00

Description:

This course examines the cultural background and political systems mainly of China, Korea and Japan, also touching upon the small tiger states in South-East Asia. It elucidates the historical origins, evolution and current trajectory of these states with a particular concentration on North Korea. One further concentration is the interplay of domestic and foreign policy in the relations of these states, regional stability and cooperation. Topics include history, social structure, the interplay of culture and ideology, political economy, humanitarian issues, security, and the politics of North Korean

domestic and foreign policy. We will spend considerable time analyzing China's and North Korea's relationship with regional and world powers and examining the origins, history, and implications of the North Korean nuclear weapons program. Students will be expected to demonstrate the ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to East Asia.

Type:

Social Science,Asian Studies

• HST-255 Films and Contemporary China

Credits:

4.00

Description:

This class uses a series of films to demonstrate the changes in people's lives in contemporary China. It focuses on the Reform Era between 1980 and present. The topics include Chinese politics, economic growth, social change, and popular cultures. Cultural Diversity B.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Asian Studies,Humanities Literature Requirement

• HST-342 Modern Japanese History

Credits:

4.00

Description:

The class examines Japanese history from the beginning of the seventeenth century to the end of the twentieth century. The topics include early modern Japan during the Tokugawa era, Meiji Restoration, Japanese imperialism and World War II, Japan's emergence as the second largest economy in the world. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-344 Passages to the Modern World**

Credits:

4.00

Description:

The class discusses the early-modern history of East Asia, specifically China and Japan, in a global context. It examines the difference between East Asia and the West in their transitions to modern society, whether or not there was a great divergence," and if there was one, what was the underpinning dynamic in the process. This comparative approach usually requires the class to read one book (in English) on Chinese or Japanese history and another one on European or global history.

Type:

Humanities & History, Asian Studies

- **HST-345 Chinese Civilization**

Credits:

4.00

Description:

A survey of pre-modern Chinese history from antiquity to the sixteenth century. Topics include: Confucianism; the making of an imperial bureaucratic system; conflicts and interactions among different ethnic groups; the Mongolian Empire; early modern Chinese society. (Formerly HST 131) Cultural Diversity B

Term:

Occasional

Type:

- **HST-346 Modern Chinese History**

Credits:

4.00

Description:

A survey of modern Chinese history from the sixteenth century to the present. The class focuses on two major themes. First, we will study the conflict between the modern state and traditional society. We will discuss China's turbulent transition from an old empire to the Communist regime, the dynamics behind this transition, and the price that ordinary Chinese people have paid. Second, we will study China's interactions with the outside world from the first Opium War to China's entrance to the World Trade Organization. (Formerly HST 132) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-347 Japanese Civilization**

Credits:

4.00

Description:

An overview of Japanese history from ancient times to the nineteenth century. Topics include imperial Japan, the emergence of the samurai, and Tokugawa society.

Term:

Occasional

Type:

Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-348 Samurai: History, Literature & Film**

Credits:

4.00

Description:

This course explores the history of samurai and its cultural meaning for Japanese society. It examines not only how the samurai class developed into a major political force, but also how it has been represented by literatures and films in different eras. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, Asian Studies

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

• PHIL-262 Buddhism

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Expanded Classroom Requirement

• PHIL-267 Chinese Philosophy

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Social Science,Asian Studies,Cultural Diversity Opt A

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Cultural Diversity Opt B,Asian Studies,Diverse Perspectives

Language Courses

• CHIN-101 Elementary Chinese I

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in simplified characters) are also taught.

Term:

Offered Fall Term

Type:

BA FOREIGN

• CHIN-102 Elementary Chinese II

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continuation of Chinese 101 with emphasis on developing basic skills to read and write modern colloquial Chinese. The reading, writing and oral skills will be taught on the basis of fundamental grammatical patterns and vocabulary in context.

Term:

Offered Spring Term

Type:

- CHIN-201 Intermediate Chinese I

Prerequisites:

CHIN 102 or Instructor's consent.

Credits:

4.00

Description:

Emphasis on improving Chinese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Chinese.

Term:

Offered Fall Term

Type:

BA FOREIGN

- CHIN-202 Intermediate Chinese II

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **JPN-101 Elementary Japanese I**

Credits:

4.00

Description:

For students with no previous knowledge. An introduction to features of spoken and written Japanese. Stresses grammar, oral performance and simple characters. One language lab session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **JPN-102 Elementary Japanese II**

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 101. Emphasis on active command of spoken Japanese. Improvement in pronunciation and conversational skills. Further development in vocabulary, grammar, reading and writing. One language lab session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

Language Requirement

To qualify for admittance to the major, students must demonstrate proficiency in one Asian language at the advanced-intermediate level. This can be fulfilled by successful completion of an Intermediate Level II Asian language course with an average grade of “B” or by passing the same level language test offered by the modern language department.

- **CHIN-202 Intermediate Chinese II**

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

or

- **JPN-202 Intermediate Japanese II**

Prerequisites:

JPN-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

Study Abroad or a Local Asian American Community Experience

Students must complete either option A or B:

A. A Semester, Summer or Short-Term Study Abroad in Asia (which must bear at least 4 credits)

B. AS 500 Asian American Community Experience (4 credits)

2014-2015 Archived Catalog Information

Asian Studies

Asian Studies is an interdisciplinary program that offers courses in the humanities and social sciences with a focus on Asia.

Students majoring in Asian Studies are required to master at least one Asian language on the advanced-intermediate level. In addition, students should have one semester, summer, or short-term study abroad experience in Asia or an alternative Asian American community experience in the local area, with the permission of the director.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Asian Studies Courses](#)

Asian Studies Minor (20 credits)

Required Minor Course Component

The minor in Asian Studies requires 20 credits selected from the Required Major Course list (see the Major Requirements page). Students must take courses from at least two departments.

Language Requirement

To qualify for admittance to the minor, students must demonstrate proficiency in one Asian language at the advanced-elementary level. This can be fulfilled by successful completion of an elementary Level II Asian language course with an average grade of “B” or by passing the same-level language test offered by the modern language department.

- CHIN-102 Elementary Chinese II

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continuation of Chinese 101 with emphasis on developing basic skills to read and write modern colloquial Chinese. The reading, writing and oral skills will be taught on the basis of fundamental grammatical patterns and vocabulary in context.

Term:

Offered Spring Term

Type:

BA FOREIGN

• JPN-102 Elementary Japanese II

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 101. Emphasis on active command of spoken Japanese. Improvement in pronunciation and conversational skills. Further development in vocabulary, grammar, reading and writing. One language lab session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

2014-2015 Archived Catalog Information

Asian Studies

Asian Studies is an interdisciplinary program that offers courses in the humanities and social sciences with a focus on Asia.

Students majoring in Asian Studies are required to master at least one Asian language on the advanced-intermediate level. In addition, students should have one semester, summer, or short-term study abroad experience in Asia or an alternative Asian American community experience in the local area, with the permission of the director.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Asian Studies Courses](#)

- AS-100 Introduction to Asian Studies: Culture, People, Ideas

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

Type:

- **AS-210 Traditional Chinese Society From 1800 to 1949**

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Term:

Occasional

- **AS-220 Chinese Food in America**

Credits:

4.00

Description:

There are more Chinese restaurants in the U.S. than MacDonald's, Burger Kings and KFC'S combined. This course examines the unique American phenomenon of Chinese food from a historical and anthropological viewpoint. Students will gain a better appreciation and understanding of the subject through the course and will probably never look at local Chinese takeout the same way afterwards.

Type:

Asian Studies

- **AS-500 Asian American Community Experience**

Credits:

4.00

Description:

This course facilitates students' exposure to Asian American communities and enhances their knowledge of diverse Asian cultures through research projects and service activities or an internship. Students will study under the guidance of the Director of the Major program and/or a faculty member as well as work with a community organization or service agency for a semester. They will engage in specific projects or an internship in collaboration with the assigned organization or agency to understand the cultural values and current issues relating to Asian populations. They will complete required hours as per the arrangement with the site and submit a comprehensive service/research report on their learning process and critical reflection of their experience at the end of the semester.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **AS-510 Independent Study**

Credits:

1.00- 4.00

Description:

To maintain level of proficiency in Japanese language and writing, including Chinese characters (Kanji) which are used in contemporary language.

2014-2015 Archived Catalog Information

Biochemistry

The Department of Chemistry and Biochemistry offers a Biochemistry major and a Biochemistry major with a Forensic Science concentration. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Forensic Science Concentration](#)
- [Honors](#)
- [Chemistry Courses](#)

Biochemistry Major Requirements: 20 courses, 73 credits

The curricula for the BS and BA in Biochemistry satisfy the requirements for certification by the American Chemical Society if CHEM-375 and CHEM-L375 are elected.

Core Requirements (18 courses with corresponding labs if applicable, 65 credits)

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry II Lab

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

- CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

- CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Spring Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

- CHEM-L314 Instrumental Analysis Lab

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

- CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

• **CHEM-411 Physical Chemistry I**

Prerequisites:

CHEM 112; MATH 166;

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

• **CHEM-L411 Physical Chemistry Laboratory I**

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements. Significant emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

• CHEM-412 Physical Chemistry II

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

• CHEM-L412 Physical Chemistry Lab II

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as

demonstrated through reports prepared in the professional style. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

• CHEM-428 Research & Seminar I

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• CHEM-L432 Advanced Biochemistry Research Laboratory

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Laboratory course where students apply the use of biochemical techniques acquired in Biochemical Techniques I (CHEM L331) to conduct novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and characterization of DNA and proteins, and bioinformatics. Emphasis on experimental design, data interpretation, analysis of the scientific literature, and writing. Includes field trip to local research university or biotechnology/pharmaceutical laboratory.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

• BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• BIO-L111 Introduction to the Cell Laboratory

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

Elective Requirements (2 courses with corresponding labs if applicable, 8 credits)

Choose two biology electives from the following:

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-374 Genomics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO L374 concurrently

Credits:

3.00

Description:

What can we learn from genomics? In this course, you will develop an understanding of how cutting edge techniques from biotechnology are changing our views of biology. You will learn how genetic sequencing can be used for everything from tracing evolutionary histories in the tree of life to shedding light on biodiversity patterns of populations. With a focus on human genetics, you will also explore how genes are discovered and linked to phenotypic traits. Finally, you will consider methods of monitoring gene expression and how the resulting genetic networks can help medicine and drug development.

• BIO-L374 Genomics Laboratory

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO 374 concurrently

Credits:

1.00

Description:

In this course, you will develop an understanding of current genomic methods through collection and examination of your own data. In the first part of the lab, you will use sequencing techniques to compare genetic relationships and characterize the microbial biodiversity of a population. In the second part of the lab, you will focus on gene expression and functional genomics. You will determine the actions of a transcription factor through RNA-seq and also determine how a collection of uncharacterized transcription factors affect antibiotic sensitivity. In addition to reading primary literature and keeping a lab notebook, you will also learn how to analyze and present your genomics data.

• BIO-377 Immunology

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-337 concurrently;

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111/L11; CHEM-211/L211; BIO-L403 concurrently;

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-211/L211; and CHEM 331 or BIO-274/L274; BIO-L474 concurrently;

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274; BIO-474 must be taken concurrently;

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

Note: BIO-274, BIO-403, and BIO-474 are recommended for those planning to take the Biochemistry GRE examination for application to graduate school.

2014-2015 Archived Catalog Information

Biochemistry

The Department of Chemistry and Biochemistry offers a Biochemistry major and a Biochemistry major with a Forensic Science concentration. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Forensic Science Concentration](#)
- [Honors](#)
- [Chemistry Courses](#)

Forensic Science Concentration Requirements: 5 courses, 20 credits

- FS-303 Introduction to Forensic Science

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall/Spring Does not satisfy University Natural Science requirement.

Term:

Offered Both Fall and Spring

- **FS-L303 Introduction to Forensic Science Lab**

Prerequisites:

FS 303 concurrently and instructor's permission

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall/Spring.

Term:

Offered Both Fall and Spring

- **FS-428 Criminalistics Practicum**

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. This course replaces CHEM-428. Normally offered Fall/Spring/Summer. ECR approved.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• FS-429 Criminalistics Practicum II

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. This course replaces CHEM-429. Normally offered Fall/Spring/Summer. ECR approved.

Type:

Expanded Classroom Requirement

Choose 1 of the following courses and its corresponding laboratory where applicable:

• FS-403 Trace Evidence

Prerequisites:

Prerequisite: FS 303 and FS L303 or instructor's permission

Credits:

3.00

Description:

This course covers the examination of trace materials, other than DNA sources, by visual microscopic analysis through advanced instrumental analysis. The collection, preservation, analysis, report preparation, and evidential significance for court testimony are described. Examples of common materials, such as textile fibers, paints and glass are used to describe the process of comparison and chemical identification of a known versus a questioned specimen(s) suspect of being associated with a crime scene. Instrumental demonstrations are provided. Prerequisites: CHEM 314, CHEM L314, FS 303 and FS L303 or instructor's permission. 3-hour lecture. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• FS-L403 Microscopy Lab for Trace Analysis

Prerequisites:

Chem 314 & L314; FS 303 & L303 or instructor's consent

Credits:

1.00

Description:

This class complements FS 403, Trace Evidence, and consists of lectures and laboratory exercises using microscopical analysis. An emphasis is placed on visual light microscope theory and usage. Stereoscopic and polarized light microscopes (PLMs) are located at individual student workstations. A comparison microscope is also available. Additionally, microscopes utilizing spectroscopic detection are studied and used. Infrared microscopy experiments are conducted on trace materials such as fibers, paint and glass. Prerequisites: CHEM 314, CHEM L314, FS 303 and L303 or instructor's permission. Student must be concurrently enrolled in FS 403. 3-hour laboratory. 1 term - 1 credit. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• CHEM-453 Introduction to Toxicology

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology. CHEM 332 and BIO 403 strongly recommended. Normally offered every other year.

Term:

Occasional

Choose 1 of the following elective courses:

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

Type:

Social Science

- **SOC-231 Victims of Crime**

Credits:

4.00

Description:

In recent years, public attention to victims of crime has grown enormously. The reasons for this are complex. They include the effects of political organizing by crime victims; increased media attention to crime (often driven by crime stories as entertainment and advertising vehicles); the exploitation of crime victims by the politicians; and long-standing community frustrations with the criminal justice system. This course will examine the rise of public attention to crime, the response of the criminal justice system to victims, and the problems and possibilities regarding new responses to victims of crime. New developments in restorative justice will be presented as an emerging alternative to problems victims have reported with the criminal justice system.

Term:

Occasional

• SOC-234 Crime and Justice in American Society

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

• SOC-301 Sociology of Law

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

Additionally, Summer Forensic Science Institute offerings are accepted as electives.

Summer Forensic Science Institute

Sponsored by Suffolk University and the Boston Police Department Crime Laboratory, the summer forensic science institute offers week-long courses for continuing education of forensic science professionals. Enrollment in these courses for upper-division credit in forensic science at Suffolk University is an option; approval by a member of the Forensic Science Advisory Committee is a prerequisite.

- **FS-508 Physical Evidence Testimony**

Prerequisites:

FS 303 and a signature from the Forensic Science Advising Committee.

Credits:

4.00

Description:

Provides forensic scientists with legal and practical information concerning courtroom testimony. Topics include: Rules of Evidence of significance to forensic experts; the requirement of scientific reliability as a prerequisite to testimony; ethical considerations; preparation and relationship with the attorney calling an expert; persuasive courtroom behaviors and strategies; basic Fourth Amendment issues for experts; civil liability for forensic experts. Classes include lectures, discussions and simulations and are held in a courtroom. Offered occasionally; most recently offered summer 2006.

Term:

Occasional

Organizational Affiliation: Boston Police Crime Laboratory

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Biochemistry

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- [Major Requirements](#)
- [Forensic Science Concentration](#)
- [Honors](#)
- [Chemistry Courses](#)

To be eligible for departmental honors, students must minimally have an overall GPA of 3.5 and a major GPA of 3.5 upon enrollment in the appropriate capstone course. In addition, students seeking departmental honors must submit an application to the departmental honors subcommittee for pre-approval early in the academic year in which students plan to complete the capstone research project; approved honors thesis work is then coupled to the capstone course requirements. Upon completion of the capstone course requirements, the departmental honors subcommittee, along with the faculty of the department, will determine whether the application and the final research project qualify for departmental honors.

For departmental honors, thesis work must be of outstanding quality and must involve original independent laboratory or field research and/or in-depth analysis. For example, students may complete a project in the lab or one that requires data analysis. Job shadowing, data collection/organization (without analysis), or research summaries will generally not be sufficient for consideration. It is recommended that students eligible and interested in the departmental honors pathway begin looking for and meeting with their capstone project advisor as early as possible and request the departmental honors application from the department chair.

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Biochemistry

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- [Major Requirements](#)
- [Forensic Science Concentration](#)
- [Honors](#)
- [Chemistry Courses](#)

• CHEM-101 Chemical Concepts Contemporary Issues I

Credits:

3.00

Description:

Principles of chemistry with illustrations from everyday life. Basic chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the Science requirement when taken with CHEM 102, L101, L102. May not be used by science majors for science credit. Concurrent enrollment in CHEM L101 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall/Summer I.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• CHEM-L101 Chemical Concepts Contemporary Issues Lab I

Prerequisites:

Must be taken concurrently with CHEM 101

Credits:

1.00

Description:

Principles of chemistry and its applications demonstrated through experimentation. Experiments may include field testing and analysis of ocean and river water, testing of household products and sunscreens, determination of calorie content of foods, and molecular modeling with computers. May not be used by science majors for science credit. 2-hour laboratory. Normally offered Fall/Summer I.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-102 Chemical Concepts Contemporary Issues II

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM L102

Credits:

3.00

Description:

A continuation of CHEM 101, including topics in organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science. Basic Chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the science requirement. May not be used by science majors for science credit. Prerequisite: CHEM 101, CHEM 111 or pre-college chemistry. 3 hours lecture. Normally offered Spring/Summer II.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L102 Chemical Concepts Contemporary Issues Lab II

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM 102

Credits:

1.00

Description:

A continuation of CHEM L101. Experiments may include making plastics and drug products, analyzing food products, making a model of DNA, crime lab analysis procedures, making aspirin, and the study of flavors and fragrances using molecular models. Concurrent enrollment in CHEM 102 required. May not be used by science majors for science credit. Prerequisites: CHEM 101 and CHEM L101. 2-hour Laboratory. 1 term - 1 credit. Normally offered Spring/Summer II.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• CHEM-103 Chemical Concepts Contemporary Issues IIA

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

Credits:

4.00

Description:

Topics include organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science, with an emphasis on their application to current issues. Specifically designed to satisfy the non-laboratory science requirement for the B.A. degree. Science related information searches and writing assignments will be based on current topics from the semester's work. 3 hours lecture. It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

Type:

- CHEM-105 Chemical New Product Development

Prerequisites:

MGT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

- CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGR

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry II Lab

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Spring Term

• CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• CHEM-L314 Instrumental Analysis Lab

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken

concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques I

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

• CHEM-332 Biochemistry II

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

• CHEM-355 Environmental Chemistry

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- CHEM-L355 Environmental Chemistry Lab

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- CHEM-375 Advanced Inorganic Chemistry

Prerequisites:

CHEM 212

Credits:

3.00

Description:

Topics in inorganic chemistry including bonding theories, chemical structures, symmetry and group theory, kinetics and mechanisms of reactions, and spectroscopy. Advanced topics may include bioinorganic chemistry, organometallics, or materials chemistry. 3 hours lecture. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **CHEM-L375 Advanced Inorganic Laboratory**

Prerequisites:

CHEM 375 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 375. Prior or concurrent enrollment in CHEM 375 required. 4-hour laboratory. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules. Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3 hours of lecture per week. Normally offered alternate years.

Term:

Alternates Fall & Spring

- CHEM-411 Physical Chemistry I

Prerequisites:

CHEM 112; MATH 166;

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-L411 Physical Chemistry Laboratory I

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements. Significant emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-412 Physical Chemistry II

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

• **CHEM-L412 Physical Chemistry Lab II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated through reports prepared in the professional style. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

• **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

- **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Laboratory course where students apply the use of biochemical techniques acquired in Biochemical Techniques I (CHEM L331) to conduct novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and characterization of DNA and proteins, and bioinformatics. Emphasis on experimental design, data interpretation, analysis of the scientific literature, and writing. Includes field trip to local research university or biotechnology/pharmaceutical laboratory.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, neurotoxins, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as

environmental and occupational toxicology. CHEM 332 and BIO 403 strongly recommended. Normally offered every other year.

Term:

Occasional

- **CHEM-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, by arrangement with the chemistry faculty.

- **FS-303 Introduction to Forensic Science**

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall/Spring Does not satisfy University Natural Science requirement.

Term:

Offered Both Fall and Spring

- **FS-L303 Introduction to Forensic Science Lab**

Prerequisites:

FS 303 concurrently and instructor's permission

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall/Spring.

Term:

Offered Both Fall and Spring

• FS-403 Trace Evidence

Prerequisites:

Prerequisite: FS 303 and FS L303 or instructor's permission

Credits:

3.00

Description:

This course covers the examination of trace materials, other than DNA sources, by visual microscopic analysis through advanced instrumental analysis. The collection, preservation, analysis, report preparation, and evidential significance for court testimony are described. Examples of common materials, such as textile fibers, paints and glass are used to describe the process of comparison and chemical identification of a known versus a questioned specimen(s) suspect of being associated with a crime scene. Instrumental demonstrations are provided. Prerequisites: CHEM 314, CHEM L314, FS 303 and FS L303 or instructor's permission. 3-hour lecture. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• FS-L403 Microscopy Lab for Trace Analysis

Prerequisites:

Chem 314 & L314; FS 303 & L303 or instructor's consent

Credits:

1.00

Description:

This class complements FS 403, Trace Evidence, and consists of lectures and laboratory exercises using microscopical analysis. An emphasis is placed on visual light microscope theory and usage. Stereoscopic and polarized light microscopes (PLMs) are located at individual student workstations. A comparison microscope is also available. Additionally, microscopes utilizing spectroscopic detection are studied and used. Infrared microscopy experiments are conducted on trace materials such as fibers, paint and glass. Prerequisites: CHEM 314, CHEM L314, FS 303 and L303 or instructor's permission. Student must be concurrently enrolled in FS 403. 3-hour laboratory. 1 term - 1 credit. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• FS-428 Criminalistics Practicum

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. This course replaces CHEM-428. Normally offered Fall/Spring/Summer. ECR approved.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **FS-429 Criminalistics Practicum II**

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. This course replaces CHEM-429. Normally offered Fall/Spring/Summer. ECR approved.

Type:

Expanded Classroom Requirement

- **FS-508 Physical Evidence Testimony**

Prerequisites:

FS 303 and a signature from the Forensic Science Advising Committee.

Credits:

4.00

Description:

Provides forensic scientists with legal and practical information concerning courtroom testimony. Topics include: Rules of Evidence of significance to forensic experts; the requirement of scientific reliability as a prerequisite to testimony; ethical considerations; preparation and relationship with the attorney calling an expert; persuasive courtroom behaviors and strategies; basic Fourth Amendment issues for experts; civil liability for forensic experts. Classes include lectures, discussions and simulations and are held in a courtroom. Offered occasionally; most recently offered summer 2006.

Term:

Occasional

2014-2015 Archived Catalog Information

Biology

The biology major introduces the breadth of contemporary biology while allowing students to pursue their individual interests. A minor in biology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

Biology Major (68 credits)

Biology majors may obtain a Bachelor of Science or Bachelor of Arts in Biology. Concentrations in biotechnology and marine science are also available. A Biology major must take 10 courses in biology plus designated related science and math courses, in addition to the all-college requirements.

Transfer students wishing to major in biology must complete a minimum of four biology courses (with lab if appropriate) plus senior seminar in biology at Suffolk University with a minimum grade point average of 2.0.

Core Requirements (17 courses and their corresponding labs)

- BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• BIO-L114 Organismal Biology Laboratory

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-302 Writing for Research**

Prerequisites:

BIO 111/L111 and BIO 114/L114; WRI 101 OR WRI 102;

Credits:

4.00

Description:

Development of skills for writing clearly, concisely, and creatively in the style of scientific journals. This course emphasizes the formulation of a research project of the student's choice and leads to a formal manuscript on the topic. Instruction includes literature search methods and software for the graphical presentation of data. Required of all biology majors.

Term:

Offered Both Fall and Spring

• **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry II Lab

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Spring Term

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science,

engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

or higher level Mathematics course

Choose one of the following sequences:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-112 College Physics II

Prerequisites:

PHYS 111 and Concurrently with PHYS L112

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHYS-L112 College Physics Lab II

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

or

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

Choose one biology course and its corresponding laboratory (if applicable) from the molecular/cellular division:

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-374 Genomics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO L374 concurrently

Credits:

3.00

Description:

What can we learn from genomics? In this course, you will develop an understanding of how cutting edge techniques from biotechnology are changing our views of biology. You will learn how genetic sequencing can be used for everything from tracing evolutionary histories in the tree of life to shedding light on biodiversity patterns of populations. With a focus on human genetics, you will also explore how genes are discovered and linked to phenotypic traits. Finally, you will consider methods of monitoring gene expression and how the resulting genetic networks can help medicine and drug development.

- **BIO-L374 Genomics Laboratory**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO 374 concurrently

Credits:

1.00

Description:

In this course, you will develop an understanding of current genomic methods through collection and examination of your own data. In the first part of the lab, you will use sequencing techniques to compare genetic relationships and characterize the microbial biodiversity of a population. In the second part of the lab, you will focus on gene expression and functional genomics. You will determine the actions of a transcription factor through RNA-seq

and also determine how a collection of uncharacterized transcription factors affect antibiotic sensitivity. In addition to reading primary literature and keeping a lab notebook, you will also learn how to analyze and present your genomics data.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-337 concurrently;

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-285 and BIO-L285 BIO L385 must be taken concurrently

Credits:

3.00

Description:

Pathogenesis and host-parasite relationships; epidemiology and public health aspects of pathogenic microorganisms are stressed; molecular biology, applied and industrial microbiology. Current literature reviews. Taught alternate/odd years.

Term:

Offered Spring Term

- **BIO-L385 Advanced Microbiology Lab**

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111/L11; CHEM-211/L211; BIO-L403 concurrently;

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-211/L211; and CHEM 331 or BIO-274/L274; BIO-L474 concurrently;

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274; BIO-474 must be taken concurrently;

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

4.00

Description:

An examination of the molecular, cellular, biochemical and environmental mechanisms that regulate the developmental processes in organisms with an emphasis on vertebrates. Topics include the processes of differentiation, determination, tissue induction and morphogenesis.

Term:

Offered Spring Term

- **BIO-L475 Developmental Biology Lab**

Prerequisites:

BIO 114/L114, CHEM 211/L211 BIO 475 must be taken concurrently

Credits:

1.00

Description:

Laboratory includes the classic sequential study of developmental stages in the frog, pig and chicken using prepared slides. It also includes experimental manipulation of development in vertebrates and other organisms to a lesser degree. Prerequisite: BIO 202, BIO 114, BIO L114, CHEM 211, CHEM L211, Must take BIO 475 concurrently. 1 term - 1 credit.

Term:

Offered Spring Term

Choose one biology course and its corresponding laboratory class (if applicable) from the organismic structure and function division:

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **BIO-225 Plant Biology**

Prerequisites:

Bio 111, L111 and Bio 114, L114; Must be taken concurrently with L225.

Credits:

3.00

Description:

Course introduces students to the anatomy, physiology, systematics, ecology, and economic uses of all major groups of plants. Aspects of the biology of nonvascular, non-seed, gymnosperm, and angiosperm plants are explored. An overview of Kingdom Fungi is also covered. Each student is required

to do a 10-15 minute presentation to the class highlighting the economic use of a group of plants assigned by the instructor. Normally offered Spring semester.

Term:

Offered Spring Term

• BIO-L225 Plant Biology Laboratory

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO 225 concurrently;

Credits:

1.00

Description:

Lab exercises focus on plant anatomy, physiology, and systematics. Instruction in the identification of major plant families and fungal types is covered. Trips to a Boston area herbarium and botanical garden are required.

Term:

Offered Spring Term

• BIO-304 Comparative Animal Physiology

Prerequisites:

BIO 114/L114; BIO L304 concurrently;

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114/L114; BIO-304 concurrently;

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-350 Vertebrate Biology**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-L350 concurrently;

Credits:

3.00

Description:

This class will focus on the form and function of vertebrate animals from an evolutionary standpoint. The adaptations of major groups will be discussed in light of their phylogenetic history and ecology. A discussion of major adaptive radiations and abiotic factors that influenced these trends will also be highlighted.

Term:

Occasional

- **BIO-L350 Vertebrate Biology Lab**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-350 concurrently;

Credits:

1.00

Description:

This lab will focus on the comparative anatomy of vertebrate animals. In-depth dissections will be the focus of the laboratory exercises. A Squalus shark, a Necturus salamander, a pigeon, and a mink will be examined in detail.

Term:

Occasional

Choose one biology course and its corresponding laboratory class (if applicable) from the diversity, ecology, and evolution division:

- **BIO-222 Field Botany**

Prerequisites:

BIO 111. This course will fulfill the Expanded Classroom Requirement.

Credits:

4.00

Description:

A three-week camping excursion, during which common tracheotypes, bryophytes, algae, and other photosynthetic organisms characteristic of various habits in Maine will be identified. Emphasis will be on plant ecology including species interactions and habitat requirements. Vertical zonation in mountains, lakes and intertidal areas will be a point of focus. Participants will camp for one week at each of three sites: Baxter State Park, Central Maine (near Augusta), and the Friedman Field Station. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and tents required. Additional fees: Camping and food est. \$475.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught alternate years.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• BIO-254 Marine Biology

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea; fisheries, mariculture, pollution, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-L254 Marine Biology Lab

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-315 Animal Behavior**

Prerequisites:

BIO-114/L114

Credits:

4.00

Description:

Surveys animal behavior in a range of species (invertebrates, birds, fish, mammals including humans) to assess similarities and differences in the evolution of behaviors and their physiological mechanisms by which individual organisms and species adapt to their environments. Topics include: predator evasion; mating systems; parental care; social behavior; and learning.

Term:

Offered Spring Term

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-L333 Ecology Lab

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

Term:

Offered Fall Term

• BIO-337 Evolution

Prerequisites:

Take BIO-111 BIO-L111 BIO-114 BIO-L114. BIO 274 recommended.

Credits:

4.00

Description:

A survey of evolutionary theory, exploring processes such as the genetic sources of variation, natural and sexual selection, and evolutionary developmental biology. Using phylogenetic systematics and other tools, we will demonstrate how these mechanisms result in the visible patterns of evolution. This is a reading and writing intensive course centered on close reading of Origin of the Species and discussion of recent peer-reviewed literature about evolution.

Term:

Offered Fall Term

- **BIO-345 The Biology of Vector Borne Diseases**

Prerequisites:

BIO-114/L114;

Credits:

4.00

Description:

A survey of the occurrence, life history and pathogenicity of the most important arthropod-borne, human diseases both internationally (malaria, dengue, plague, trypanosomiasis, yellow fever, etc.) and within the United States (Lyme disease, EEE, West Nile Virus, and others). Demographic and environmental factors leading to the re-emergence and spread of these diseases will be considered.

- **BIO-357 Biology of Fishes**

Prerequisites:

BIO 114/L114, and Junior standing. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

The evolution, systematics, anatomy, physiology and behavior of freshwater, marine and anadromous fishes from temperate to tropical environments. The interactions of fish in their environments, including predator-prey relationships, host-symbiont interactions, and fish as herbivores. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited] Evenings only: off campus

Term:

Offered Spring Term

Choose 3 biology course electives and their corresponding laboratory classes (if applicable). Any of the courses listed above may be taken as an elective if another course is taken to fulfill the division requirement. Additional elective options are:

- **BIO-213 Bio-Ethical Issues**

Prerequisites:

BIO 111/L111 or BIO 114/L114;

Credits:

4.00

Description:

An introduction to ethical issues raised by advances in the biosciences and biotechnology. Topics include genetically modified organisms, reproductive technologies, genetic screening and privacy issues, therapeutic cloning, human uses of animals, and environmental sustainability. This course will provide an introductory philosophical background to bioethics, surveying several major ethical theories. A general understanding of the biosciences will be presumed.

Term:

Offered Spring Term

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

• BIO-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A written proposal which must have majority approval of the Biology Faculty is required prior to enrolling. A paper and oral report are required. Only ONE independent study may be used toward biology electives.

Term:

Offered Both Fall and Spring

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

• **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

2014-2015 Archived Catalog Information

Biology

The biology major introduces the breadth of contemporary biology while allowing students to pursue their individual interests. A minor in biology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
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Biotechnology Concentration (68 credits)

The concentration in biotechnology focuses on molecular and cellular principles in biology. Students are encouraged to seek relevant industry experience during the summer between the sophomore and junior year and to use the Biology Seminar as the reporting forum. Students should consult with the concentration coordinator early in their academic career to determine available placements and to obtain counseling regarding appropriate courses for the concentration.

Upon satisfactory completion of the prescribed curriculum, students are eligible to receive the degree of Bachelor of Science or Bachelor of Arts with a major in biology from Suffolk University.

The concentration requires the completion of all biology core requirements, with the 3 electives to be chosen from the following:

- BIO-262 Principles of Cell Culture

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-337 concurrently;

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-285 and BIO-L285 BIO L385 must be taken concurrently

Credits:

3.00

Description:

Pathogenesis and host-parasite relationships; epidemiology and public health aspects of pathogenic microorganisms are stressed; molecular biology, applied and industrial microbiology. Current literature reviews. Taught alternate/odd years.

Term:

Offered Spring Term

- **BIO-L385 Advanced Microbiology Lab**

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

• BIO-L403 Cell Biology Lab

Prerequisites:

BIO-111/L11; CHEM-211/L211; BIO-L403 concurrently;

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

• BIO-474 Molecular Genetics

Prerequisites:

CHEM-211/L211; and CHEM 331 or BIO-274/L274; BIO-L474 concurrently;

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and

genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274; BIO-474 must be taken concurrently;

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

4.00

Description:

An examination of the molecular, cellular, biochemical and environmental mechanisms that regulate the developmental processes in organisms with an emphasis on vertebrates. Topics include the processes of differentiation, determination, tissue induction and morphogenesis.

Term:

Offered Spring Term

- **BIO-L475 Developmental Biology Lab**

Prerequisites:

BIO 114/L114, CHEM 211/L211 BIO 475 must be taken concurrently

Credits:

1.00

Description:

Laboratory includes the classic sequential study of developmental stages in the frog, pig and chicken using prepared slides. It also includes experimental manipulation of development in vertebrates and other organisms to a lesser degree. Prerequisite: BIO 202, BIO 114, BIO L114, CHEM 211, CHEM L211, Must take BIO 475 concurrently. 1 term - 1 credit.

Term:

Offered Spring Term

All courses must be taken with their corresponding laboratory class where applicable.

Biology/Marine Science Concentration (68 credits)

The marine science concentration introduces students to marine studies while maintaining the rigor and career flexibility of a traditional biology major. Our aim is to prepare students to make career decisions based on real familiarity with marine studies. The distinguishing feature of the concentration is the completion of three courses and associated labs (two biology and one non-biology) in the field of marine science. The three courses may be used in partial fulfillment of the 10-course requirement of the biology major.

Students in the Marine Science Concentration are strongly urged to take any field-oriented courses offered at the Robert S. Friedman Field Station on Cobscook Bay in Edmunds, Maine, as well as work study and field research opportunities offered each summer, or to undertake an approved internship at an affiliated institution.

- **BIO-254 Marine Biology**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea; fisheries, mariculture, pollution, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-L254 Marine Biology Lab

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math and must take SCI-L251 concurrently

Credits:

3.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **SCI-L251 Intro Coastal Geology I Lab**

Prerequisites:

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Other marine-related courses (e.g., Biology of Fishes, Cetacean Biology and Conservation, Invertebrate Zoology, Coastal Zone Management) may apply as well.

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Biology

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- [Honors](#)
- [Biology Courses](#)

Minor Requirements: 6 courses, 24 credits

Core Requirements (2 courses with corresponding labs, 8 credits)

- BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Elective Courses (4 courses with corresponding labs, 16 credits)

The following courses will NOT count toward a minor in biology because they are non-major's courses. Choose any Biology course except:

- **BIO-101 Principles of Biology I**

Prerequisites:

Must take BIO L101 concurrently

Credits:

3.00

Description:

An introductory course in basic concepts in cell biology, and genetics. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. Not recommended for those interested in health careers.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **BIO-L101 Principles of Biology I Lab**

Prerequisites:

Must take BIO 101 concurrently

Credits:

1.00

Description:

A series of experiments and explanations to study the principles of diffusion, enzyme function, cell division, genetics and evolution. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Fall Term

Type:

- **BIO-102 Principles of Biology II**

Prerequisites:

BIO L102 must be taken concurrently

Credits:

3.00

Description:

Investigations of relationships among organisms in time and space. Evolution, diversity, and human biology in the context of contemporary society. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **BIO-L102 Principles of Biology II Lab**

Prerequisites:

BIO 102 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the principles developed in the lecture section. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• BIO-104 Environmental Biology

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• BIO-L104 Environmental Bio Lab

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **BIO-106 Current Topics in Human Biology And Health**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

Familiarize students with current trends in human biology and health. The technical and scientific aspects, along with ethical issues involved with the new frontiers in human health and biology research will be covered. Topics will include: cell biology, cancer biology, infectious disease and environmental health issues. In addition to exams and class discussion, students will be required to give a 10-minute presentation on a related topic of their choice. Meets one of the non laboratory science requirements for the non-science major. This course will not fulfill requirements for a major or a minor in Biology. Usually offered alternate Spring Semester

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

• BIO-201 Biology's Big Questions

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGNR

2014-2015 Archived Catalog Information

Biology

The biology major introduces the breadth of contemporary biology while allowing students to pursue their individual interests. A minor in biology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

The biology department supports two student organizations, the Health Careers Club and the Chi Kappa Chapter of the Beta Beta Beta National Biological Honor Society. These two organizations give biology students opportunities to work closely with faculty while engaging in research that benefits the department and the greater Suffolk community.

Beta Beta Beta Biological Honor Society

The Chi Kappa Chapter at Suffolk University was chartered on October 10, 1978. Beta Beta Beta is an honor and professional society primarily for students of the biological sciences. Its goals include promoting student research, publication and exposure to current biological scholarship and career possibilities. Regular membership is offered to majors in the biological sciences who have completed at least one term of the sophomore year (including three biology courses) with a 3.0 average in biology and an overall average of 2.7. Associate membership is open to any interested undergraduate.

2014-2015 Archived Catalog Information

Biology

The biology major introduces the breadth of contemporary biology while allowing students to pursue their individual interests. A minor in biology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
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- [Honors](#)
- [Biology Courses](#)

- BIO-101 Principles of Biology I

Prerequisites:

Must take BIO L101 concurrently

Credits:

3.00

Description:

An introductory course in basic concepts in cell biology, and genetics. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. Not recommended for those interested in health careers.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• BIO-L101 Principles of Biology I Lab

Prerequisites:

Must take BIO 101 concurrently

Credits:

1.00

Description:

A series of experiments and explanations to study the principles of diffusion, enzyme function, cell division, genetics and evolution. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• BIO-102 Principles of Biology II

Prerequisites:

BIO L102 must be taken concurrently

Credits:

3.00

Description:

Investigations of relationships among organisms in time and space. Evolution, diversity, and human biology in the context of contemporary society. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• BIO-L102 Principles of Biology II Lab

Prerequisites:

BIO 102 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the principles developed in the lecture section. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• BIO-104 Environmental Biology

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• BIO-L104 Environmental Bio Lab

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• BIO-105 Humans and the Evolutionary Perspective

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

• **BIO-106 Current Topics in Human Biology And Health**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

Familiarize students with current trends in human biology and health. The technical and scientific aspects, along with ethical issues involved with the new frontiers in human health and biology research will be covered. Topics will include: cell biology, cancer biology, infectious disease and environmental health issues. In addition to exams and class discussion, students will be required to give a 10-minute presentation on a related topic of their choice. Meets one of the non laboratory science requirements for the non-science major. This course will not fulfill requirements for a major or a minor in Biology. Usually offered alternate Spring Semester

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **BIO-109 Plants and People**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course focuses on the ancient, intimate, and mutually beneficial relationship between humans and plants. We will discuss the basic anatomy, physiology, and genetic characteristics of flowering plants and how these characteristics have facilitated their use by humans. We will explore the impacts of a wide range of plants and their products on human society while considering the evolutionary changes that these plants have undergone through artificial selection. We will also touch on the synergistic role of fungus and plants in alcohol fermentation. This course fulfills the non-lab natural sciences requirement for BFA, BSJ, and BA degrees. Non-biology majors only.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGNR

- **BIO-H201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only and at least a 3.3 GPA

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGNR

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

• BIO-L203 Anatomy & Physiology Lab I

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes computer simulations of physiological processes.

Term:

Offered Fall Term

• BIO-204 Anatomy and Physiology II

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **BIO-213 Bio-Ethical Issues**

Prerequisites:

BIO 111/L111 or BIO 114/L114;

Credits:

4.00

Description:

An introduction to ethical issues raised by advances in the biosciences and biotechnology. Topics include genetically modified organisms, reproductive technologies, genetic screening and privacy issues, therapeutic cloning, human uses of animals, and environmental sustainability. This course will provide an introductory philosophical background to bioethics, surveying several major ethical theories. A general understanding of the biosciences will be presumed.

Term:

Offered Spring Term

- **BIO-222 Field Botany**

Prerequisites:

BIO 111. This course will fulfill the Expanded Classroom Requirement.

Credits:

4.00

Description:

A three-week camping excursion, during which common tracheotypes, bryophytes, algae, and other photosynthetic organisms characteristic of various habits in Maine will be identified. Emphasis will be on plant ecology including species interactions and habitat requirements. Vertical zonation in mountains, lakes and intertidal areas will be a point of focus. Participants will camp for one week at each of three sites: Baxter State Park, Central Maine (near Augusta), and the Friedman Field Station. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and tents required. Additional fees: Camping and food est. \$475.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught alternate years.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **BIO-225 Plant Biology**

Prerequisites:

Bio 111, L111 and Bio 114, L114; Must be taken concurrently with L225.

Credits:

3.00

Description:

Course introduces students to the anatomy, physiology, systematics, ecology, and economic uses of all major groups of plants. Aspects of the biology of nonvascular, non-seed, gymnosperm, and angiosperm plants are explored. An overview of Kingdom Fungi is also covered. Each student is required to do a 10-15 minute presentation to the class highlighting the economic use of a group of plants assigned by the instructor. Normally offered Spring semester.

Term:

Offered Spring Term

• BIO-L225 Plant Biology Laboratory

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO 225 concurrently;

Credits:

1.00

Description:

Lab exercises focus on plant anatomy, physiology, and systematics. Instruction in the identification of major plant families and fungal types is covered. Trips to a Boston area herbarium and botanical garden are required.

Term:

Offered Spring Term

• BIO-233 Human Nutrition

Prerequisites:

BIO 111/L111 and BIO 114/L114;

Credits:

4.00

Description:

This interactive introduction to nutrition explores the science of human nutrition and further reviews concepts of how nutrition can promote health and well being. The course will review specific nutrient needs and functions, nutrient digestion, and the role of diet in well being and in the presence of chronic disease. Weekly course work encourages scientific literacy and fosters critical evaluation of nutrition in the news and in social media.

- **BIO-254 Marine Biology**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea; fisheries, mariculture, pollution, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

• BIO-302 Writing for Research

Prerequisites:

BIO 111/L111 and BIO 114/L114; WRI 101 OR WRI 102;

Credits:

4.00

Description:

Development of skills for writing clearly, concisely, and creatively in the style of scientific journals. This course emphasizes the formulation of a research project of the student's choice and leads to a formal manuscript on the topic. Instruction includes literature search methods and software for the graphical presentation of data. Required of all biology majors.

Term:

Offered Both Fall and Spring

• BIO-304 Comparative Animal Physiology

Prerequisites:

BIO 114/L114; BIO L304 concurrently;

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114/L114; BIO-304 concurrently;

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-315 Animal Behavior**

Prerequisites:

BIO-114/L114

Credits:

4.00

Description:

Surveys animal behavior in a range of species (invertebrates, birds, fish, mammals including humans) to assess similarities and differences in the evolution of behaviors and their physiological mechanisms by which individual organisms and species adapt to their environments. Topics include: predator evasion; mating systems; parental care; social behavior; and learning.

Term:

Offered Spring Term

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

Term:

Offered Fall Term

- **BIO-337 Evolution**

Prerequisites:

Take BIO-111 BIO-L111 BIO-114 BIO-L114. BIO 274 recommended.

Credits:

4.00

Description:

A survey of evolutionary theory, exploring processes such as the genetic sources of variation, natural and sexual selection, and evolutionary developmental biology. Using phylogenetic systematics and other tools, we will demonstrate how these mechanisms result in the visible patterns of evolution. This is a reading and writing intensive course centered on close reading of Origin of the Species and discussion of recent peer-reviewed literature about evolution.

Term:

Offered Fall Term

- **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO-114/L114; BIO-L343 concurrently;

Credits:

3.00

Description:

The origin, measurement, and extent of biological diversity on Earth, its practical and theoretical importance, and current trends in extinction due to human activities. Anthropogenic influences on individuals, populations, and ecosystems will be considered, as well as strategies for biological conservation on a changing planet.

Term:

Offered Fall Term

- BIO-L343 Biodiversity & Conservation Biology Laboratory

Prerequisites:

BIO-114/L114; BIO-343 concurrently;

Credits:

1.00

Description:

Laboratory exercises dealing with the calculation, of Biodiversity in the environment, as well as with the effects of contaminants on individuals, populations, and model ecosystems. The fates of contaminants in such systems will be explored, as well as the possibility of remediation of adverse effects.

Term:

Offered Fall Term

- BIO-345 The Biology of Vector Borne Diseases

Prerequisites:

BIO-114/L114;

Credits:

4.00

Description:

A survey of the occurrence, life history and pathogenicity of the most important arthropod-borne, human diseases both internationally (malaria, dengue, plague, trypanosomiasis, yellow fever, etc.) and within the United States (Lyme disease, EEE, West Nile Virus, and others). Demographic and environmental factors leading to the re-emergence and spread of these diseases will be considered.

- BIO-350 Vertebrate Biology

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-L350 concurrently;

Credits:

3.00

Description:

This class will focus on the form and function of vertebrate animals from an evolutionary standpoint. The adaptations of major groups will be discussed in light of their phylogenetic history and ecology. A discussion of major adaptive radiations and abiotic factors that influenced these trends will also be highlighted.

Term:

Occasional

- **BIO-L350 Vertebrate Biology Lab**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-350 concurrently;

Credits:

1.00

Description:

This lab will focus on the comparative anatomy of vertebrate animals. In-depth dissections will be the focus of the laboratory exercises. A Squalus shark, a Necturus salamander, a pigeon, and a mink will be examined in detail.

Term:

Occasional

- **BIO-357 Biology of Fishes**

Prerequisites:

BIO 114/L114, and Junior standing. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

The evolution, systematics, anatomy, physiology and behavior of freshwater, marine and anadromous fishes from temperate to tropical environments. The interactions of fish in their environments, including predator-prey relationships, host-symbiont interactions, and fish as herbivores. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited] Evenings only: off campus

Term:

Offered Spring Term

• BIO-360 Cancer Biology

Prerequisites:

Take all of the following courses: BIO-111 BIO-L111 BIO-114 BIO-L114 BIO-274 BIO-L274.

Credits:

4.00

Description:

An examination of molecular and cellular mechanisms that lead to the development of cancer. Factors contributing to tumorigenesis, angiogenesis, and metastasis will be discussed; these factors, oncogenes, tumor suppressor genes, and signal transduction networks. In addition, an investigation of current strategies for cancer prevention and treatment will be considered.

• BIO-374 Genomics

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO L374 concurrently

Credits:

3.00

Description:

What can we learn from genomics? In this course, you will develop an understanding of how cutting edge techniques from biotechnology are changing our views of biology. You will learn how genetic sequencing can be used for everything from tracing evolutionary histories in the tree of life to shedding light on biodiversity patterns of populations. With a focus on human genetics, you will also explore how genes are discovered and linked to phenotypic traits. Finally, you will consider methods of monitoring gene expression and how the resulting genetic networks can help medicine and drug development.

• BIO-L374 Genomics Laboratory

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO 374 concurrently

Credits:

1.00

Description:

In this course, you will develop an understanding of current genomic methods through collection and examination of your own data. In the first part of the lab, you will use sequencing techniques to compare genetic relationships and characterize the microbial biodiversity of a population. In the second part of the lab, you will focus on gene expression and functional genomics. You will determine the actions of a transcription factor through RNA-seq and also determine how a collection of uncharacterized transcription factors affect antibiotic sensitivity. In addition to reading primary literature and keeping a lab notebook, you will also learn how to analyze and present your genomics data.

• BIO-377 Immunology

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

• BIO-L377 Immunology Laboratory

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-337 concurrently;

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

• BIO-385 Advanced Microbiology

Prerequisites:

BIO-285 and BIO-L285 BIO L385 must be taken concurrently

Credits:

3.00

Description:

Pathogenesis and host-parasite relationships; epidemiology and public health aspects of pathogenic microorganisms are stressed; molecular biology, applied and industrial microbiology. Current literature reviews. Taught alternate/odd years.

Term:

Offered Spring Term

- **BIO-L385 Advanced Microbiology Lab**

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111/L11; CHEM-211/L211; BIO-L403 concurrently;

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-409 Biology Seminar**

Prerequisites:

BIO 202, Senior standing

Credits:

1.00

Description:

The purpose of this class is to familiarize all senior biology majors with the process of investigating and implementing novel research in the biological sciences. The centerpiece of the course is a semester long project in which each student selects, researches, and designs an original experiment on the topic of their choice. Two in - class presentations and a full length research proposal are required. Weekly reading assignments and discussions of the primary literature are vital to the investigation piece of the course. Prerequisites: BIO 202 and senior standing. May not be used for credit towards or an elective for the Biology Minor.

Term:

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-211/L211; and CHEM 331 or BIO-274/L274; BIO-L474 concurrently;

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274; BIO-474 must be taken concurrently;

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

4.00

Description:

An examination of the molecular, cellular, biochemical and environmental mechanisms that regulate the developmental processes in organisms with an emphasis on vertebrates. Topics include the processes of differentiation, determination, tissue induction and morphogenesis.

Term:

Offered Spring Term

- **BIO-L475 Developmental Biology Lab**

Prerequisites:

BIO 114/L114, CHEM 211/L211 BIO 475 must be taken concurrently

Credits:

1.00

Description:

Laboratory includes the classic sequential study of developmental stages in the frog, pig and chicken using prepared slides. It also includes experimental manipulation of development in vertebrates and other organisms to a lesser degree. Prerequisite: BIO 202, BIO 114, BIO L114, CHEM 211, CHEM L211, Must take BIO 475 concurrently. 1 term - 1 credit.

Term:

Offered Spring Term

- **BIO-503 Biology Internship**

Prerequisites:

BIO111/BIOL111, BIO114/BIOL114. BIO274/BIOL274 may be taken as a corequisite

Credits:

4.00

Description:

Biology Internship: This course provides students with credit for an unpaid internship completed during the semester when the course is taken. Students must secure an approved internship and provide documentation from the internship's Primary Investigator (PI) and /or director in order to register for the course. The student must work at the internship for a minimum of 8 hours a week during the semester. The internship must involve participation in research and / or patient care. Students will be required to submit weekly journal entries of their internship activities, attend weekly class meetings, provide time sheets from their internship supervisor, and make a presentation at the end of the semester focused on their internship experience.

- **BIO-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A written proposal which must have majority approval of the Biology Faculty is required prior to enrolling. A paper and oral report are required. Only ONE independent study may be used toward biology electives.

Term:

Offered Both Fall and Spring

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

- **SCI-H103 Honors Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math and must take SCI-L251 concurrently

Credits:

3.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L251 Intro Coastal Geology I Lab**

Prerequisites:

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-HL103 Honors Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

2014-2015 Archived Catalog Information

Black Studies

Black studies is an interdisciplinary program that provides students with the opportunity to critically examine the black experience in relationship to both historical and contemporary issues that have shaped and continue to shape the various communities they are a part of: neighborhoods, cities, states, nations and the world. There is no major available in Black Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Black Studies Courses](#)

Required Core Component (2 courses, 8 credits)

- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **BLKST-101 Introduction to Black Studies II Research and Writing**

Credits:

4.00

Description:

This course will provide an introduction to basic research techniques and methods including library use, identifying resources, project development, documenting sources, and writing research papers.

Term:

Occasional

Type:

Social Science

Designated Course Component (3 courses, 12 credits)

Choose 3 courses; no more than 2 may be taken from any one department outside of Black Studies.

- **BLKST-169 African-American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to HST 169. Normally offered by request.

Term:

Occasional

Type:

Humanities & History

- **BLKST-263 Sabar: Music and Dance**

Credits:

4.00

Description:

Participants will be introduced to sabar music and dance of Senegal through a study of music, dance, language and history. Each area will be taught by professional practitioners of the sabar tradition to develop a sense of how music and dance are used in both traditional and popular contexts. This course will be directed by Prof. Robert A. Bellinger. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Social Science

- **BLKST-299 Busing in Boston- Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using material on Boston's school desegregation in the Moakley archives. Research will be augmented by discussions with local figures who were involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to HST 299. Normally offered by request.

Term:

Occasional

Type:

- **HST-299 Busing in Boston: the Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using the material on Boston's school desegregation in the Moakley archives. This will be augmented by discussions with local figures who were also involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to BLKST 299.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **BLKST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to HST 469. Normally offered as requested.

Term:

Occasional

Type:

Social Science

- **BLKST-510 Independent Study in Black Studies**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Independent study in Black Studies

- **ENG-357 African-American Lit I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **GVT-383 African Politics**

Prerequisites:

GVT 110 and GVT 120

Credits:

4.00

Description:

The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social and personal factors; political forces at work in present day Africa. Not open to freshmen. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

- **HST-261 African History to 1800**

Credits:

4.00

Description:

This course will explore the history of Africa from prehistoric times to the nineteenth century to give students an introduction to African Studies and a sense of Africa's place in world history. Topics include: the Nile Valley civilizations, West African empires, the trans-Saharan trade, the slave trade, the spread and impact of Islam. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-262 Modern African History Since 1800**

Credits:

4.00

Description:

This course will cover the history of Africa from 1800 to the present and enable students to develop an understanding of issues that affect the relationship between modern Africa and the world. Topics include: the African tradition; the impact of Islam and Christianity, abolition of the slave trade, European imperialism and colonialism, African independence movements, African nationalism, Pan Africanism. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE, D

- **HST-271 African-American History 1619-1860**

Credits:

4.00

Description:

This course will examine the history of Africans in the United States from their arrival in the colonies to the Civil War and the end of legal slavery. Topics include: the slave trade, the development of the slave system, African-Americans and the Declaration of Independence, and the abolition movement. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-272 African-American History From 1860

Credits:

4.00

Description:

This course will examine African American history from the end of slavery to the present. Topics include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Exodusters, the Harlem Renaissance, Pan Africanism, the Civil Rights Movement, the Black Power Movement, African-Americans at the turn of the twenty-first century. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-319 The History of Black Music in America

Credits:

4.00

Description:

Black music has been one of the primary cultural factors in the United States. From the African roots to hip hop in the 21st century Black music has served as an expression of African American consciousness, providing commentary on many aspects of black life. This art form provides commentary on many aspects of black life including social and political. It has also been a major force in shaping the culture of the United States as a whole. As such it provides an excellent window for exploring the history of Black America as well as the history of all America. With the use of texts, videos, and recordings this class will examine the music of Black America in the context and communities in which it was created and performed, and also in relationship to the wider world. Cultural Diversity A

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• HST-330 History & Culture of Senegal

Prerequisites:

Requires instructor's consent to register

Credits:

4.00

Description:

This class will introduce students to the richness of Senegalese culture and history, from the eleventh century to the modern era. Along with history, students will examine Senegal's culture and customs through lectures, readings, music and film. In some years there will be a travel component connected with the class. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **HST-396 The African Diaspora**

Credits:

4.00

Description:

An examination of the dispersion of Africans to the Americas during the era of the slave trade and the establishment of New World communities of Africans and people of mixed descent. Topics include: the Slave Trade, comparative Slave Systems, Religion, Resistance and Revolutionary Movements, Return and Redemption Movements, Pan Africanism, Race and Class. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Cultural Diversity Opt A

- **ENG-359 Selected African-American Writers**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course focuses upon the literary contributions of a selected number of major African-American authors. Normally offered every other year.

Type:

Cultural Diversity Opt A

Independent studies and research projects are also available through individual departments for students who want to include individual specialized research in the minor.

Study Abroad

Students may complete some of the requirements for the Black Studies minor during study abroad. Arrangements for this should be made with the director of the Black Studies program.

Information/Advising

Students wishing to minor in Black Studies should see the director of the Black Studies program and choose an advisor from the Black Studies Committee.

2014-2015 Archived Catalog Information

Black Studies

Black studies is an interdisciplinary program that provides students with the opportunity to critically examine the black experience in relationship to both historical and contemporary issues that have shaped and continue to shape the various communities they are a part of: neighborhoods, cities, states, nations and the world. There is no major available in Black Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Black Studies Courses](#)
- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- BLKST-101 Introduction to Black Studies II Research and Writing

Credits:

4.00

Description:

This course will provide an introduction to basic research techniques and methods including library use, identifying resources, project development, documenting sources, and writing research papers.

Term:

Occasional

Type:

Social Science

- **BLKST-169 African-American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to HST 169. Normally offered by request.

Term:

Occasional

Type:

Humanities & History

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

• BLKST-263 Sabar: Music and Dance

Credits:

4.00

Description:

Participants will be introduced to sabar music and dance of Senegal through a study of music, dance, language and history. Each area will be taught by professional practitioners of the sabar tradition to develop a sense of how music and dance are used in both traditional and popular contexts. This course will be directed by Prof. Robert A. Bellinger. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Social Science

• BLKST-299 Busing in Boston- Moakley Archives

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using material on Boston's school desegregation in the Moakley archives. Research will be augmented by discussions with local figures who were involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the

documents. Students will be responsible for a final project based on their work in the archives. This course is identical to HST 299. Normally offered by request.

Term:

Occasional

Type:

Social Science, Humanities & History

- **BLKST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to HST 469. Normally offered as requested.

Term:

Occasional

Type:

Social Science

- **BLKST-510 Independent Study in Black Studies**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Independent study in Black Studies

2014-2015 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers a Chemistry major and minor. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Chemistry Major Requirements](#)
- [Forensic Science Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Chemistry Major Requirements: 17 courses, 62-65 credits

The curricula for the BS and BA degrees in chemistry may satisfy the requirements for certification by the American Chemical Society. Students in the College of Arts and Sciences must fulfill all general requirements for their chosen degree in addition to specific major requirements.

Core Requirements (16 courses with corresponding labs if applicable, 58 credits)

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **CHEM-L112 General Chemistry II Lab**

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

- CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

- CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Spring Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• CHEM-L314 Instrumental Analysis Lab

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

- **CHEM-375 Advanced Inorganic Chemistry**

Prerequisites:

CHEM 212

Credits:

3.00

Description:

Topics in inorganic chemistry including bonding theories, chemical structures, symmetry and group theory, kinetics and mechanisms of reactions, and spectroscopy. Advanced topics may include bioinorganic chemistry, organometallics, or materials chemistry. 3 hours lecture. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **CHEM-L375 Advanced Inorganic Laboratory**

Prerequisites:

CHEM 375 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 375. Prior or concurrent enrollment in CHEM 375 required. 4-hour laboratory. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **CHEM-411 Physical Chemistry I**

Prerequisites:

CHEM 112; MATH 166;

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

- **CHEM-L411 Physical Chemistry Laboratory I**

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements. Significant emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

- **CHEM-412 Physical Chemistry II**

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

• CHEM-L412 Physical Chemistry Lab II

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated through reports prepared in the professional style. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

• CHEM-428 Research & Seminar I

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may

obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-166 Calculus II

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-265 Calculus III

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Elective Requirements (1 lecture course and 1 lab, 4-7 credits)

Students are required to take one course of in-depth study, with an additional credit of laboratory. These courses are not offered every year, and careful consultation with an academic advisor is recommended.

Applicable lecture courses (choose one):

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

- **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules. Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3 hours of lecture per week. Normally offered alternate years.

Term:

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, neurotoxins, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology. CHEM 332 and BIO 403 strongly recommended. Normally offered every other year.

Term:

Occasional

To satisfy the requirement for the one credit laboratory, students may either take the laboratory associated with the lecture course, when offered, or use one credit of independent study or senior research, which are variable credit courses. They may also elect the 3 credit laboratory course.

Applicable laboratory courses (choose one):

- **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Laboratory course where students apply the use of biochemical techniques acquired in Biochemical Techniques I (CHEM L331) to conduct novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and characterization of DNA and proteins, and

bioinformatics. Emphasis on experimental design, data interpretation, analysis of the scientific literature, and writing. Includes field trip to local research university or biotechnology/pharmaceutical laboratory.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

• CHEM-L355 Environmental Chemistry Lab

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-428 Research & Seminar I

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• CHEM-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, by arrangement with the chemistry faculty.

CHEM-428 and CHEM-429 are variable credit courses (1-4 credits are awarded based on coursework). If a student elects to take more than 1 credit of each course the additional credit may be applied to the elective lab requirement. Please discuss this possibility with your advisor before registering for these courses. Students using CHEM 428 or CHEM 429 to satisfy the chemistry elective laboratory requirement must take a total of four credits of CHEM 428 and CHEM 429 in order to satisfy the American Chemical Society Certification Requirements.

Note: CHEM-L432 is a 3-credit laboratory

2014-2015 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers a Chemistry major and minor. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Chemistry Major Requirements](#)
- [Forensic Science Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Forensic Science Concentration Requirements: 5 courses, 20 credits

- FS-303 Introduction to Forensic Science

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall/Spring Does not satisfy University Natural Science requirement.

Term:

Offered Both Fall and Spring

• FS-L303 Introduction to Forensic Science Lab

Prerequisites:

FS 303 concurrently and instructor's permission

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall/Spring.

Term:

Offered Both Fall and Spring

• FS-428 Criminalistics Practicum

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. This course replaces CHEM-428. Normally offered Fall/Spring/Summer. ECR approved.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **FS-429 Criminalistics Practicum II**

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. This course replaces CHEM-429. Normally offered Fall/Spring/Summer. ECR approved.

Type:

Expanded Classroom Requirement

Choose 1 of the following courses and its corresponding laboratory where applicable:

- **FS-403 Trace Evidence**

Prerequisites:

Prerequisite: FS 303 and FS L303 or instructor's permission

Credits:

3.00

Description:

This course covers the examination of trace materials, other than DNA sources, by visual microscopic analysis through advanced instrumental analysis. The collection, preservation, analysis, report preparation, and evidential significance for court testimony are described. Examples of common materials, such as textile fibers, paints and glass are used to describe the process of comparison and chemical identification of a known versus a questioned specimen(s) suspect of being associated with a crime scene. Instrumental demonstrations are provided. Prerequisites: CHEM 314, CHEM L314, FS 303 and FS L303 or instructor's permission. 3-hour lecture. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• FS-L403 Microscopy Lab for Trace Analysis

Prerequisites:

Chem 314 & L314; FS 303 & L303 or instructor's consent

Credits:

1.00

Description:

This class complements FS 403, Trace Evidence, and consists of lectures and laboratory exercises using microscopical analysis. An emphasis is placed on visual light microscope theory and usage. Stereoscopic and polarized light microscopes (PLMs) are located at individual student workstations. A comparison microscope is also available. Additionally, microscopes utilizing spectroscopic detection are studied and used. Infrared microscopy experiments are conducted on trace materials such as fibers, paint and glass. Prerequisites: CHEM 314, CHEM L314, FS 303 and L303 or instructor's permission. Student must be concurrently enrolled in FS 403. 3-hour laboratory. 1 term - 1 credit. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• CHEM-453 Introduction to Toxicology

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology. CHEM 332 and BIO 403 strongly recommended. Normally offered every other year.

Term:

Occasional

Choose 1 of the following elective courses:

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

Type:

Social Science

- **SOC-231 Victims of Crime**

Credits:

4.00

Description:

In recent years, public attention to victims of crime has grown enormously. The reasons for this are complex. They include the effects of political organizing by crime victims; increased media attention to crime (often driven by crime stories as entertainment and advertising vehicles); the exploitation of crime victims by the politicians; and long-standing community frustrations with the criminal justice system. This course will examine the rise of public attention to crime, the response of the criminal justice system to victims, and the problems and possibilities regarding new responses to victims of crime. New developments in restorative justice will be presented as an emerging alternative to problems victims have reported with the criminal justice system.

Term:

Occasional

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

- **SOC-301 Sociology of Law**

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

Additionally, Summer Forensic Science Institute offerings are accepted as electives.

Summer Forensic Science Institute

Sponsored by Suffolk University and the Boston Police Department Crime Laboratory, the summer forensic science institute offers week-long courses for continuing education of forensic science professionals. Enrollment in these courses for upper-division credit in forensic science at Suffolk University is an option; approval by a member of the Forensic Science Advisory Committee is a prerequisite.

- **FS-508 Physical Evidence Testimony**

Prerequisites:

FS 303 and a signature from the Forensic Science Advising Committee.

Credits:

4.00

Description:

Provides forensic scientists with legal and practical information concerning courtroom testimony. Topics include: Rules of Evidence of significance to forensic experts; the requirement of scientific reliability as a prerequisite to testimony; ethical considerations; preparation and relationship with the attorney calling an expert; persuasive courtroom behaviors and strategies; basic Fourth Amendment issues for experts; civil liability for forensic experts. Classes include lectures, discussions and simulations and are held in a courtroom. Offered occasionally; most recently offered summer 2006.

Term:

Occasional

Organizational Affiliation: Boston Police Crime Laboratory

2014-2015 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers a Chemistry major and minor. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Chemistry Major Requirements](#)
- [Forensic Science Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Minor Requirements: 6 courses with corresponding labs when applicable, 24 credits

Requirements

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry II Lab

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

- CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

- CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Spring Term

• **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Spring Term

2 CHEM electives (8 credits) of 200-level or higher course work, or which at least 1 credit is a lab

2014-2015 Archived Catalog Information

Chemistry and Biochemistry

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Chemistry Major Requirements](#)
- [Forensic Science Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

To be eligible for departmental honors, students must minimally have an overall GPA of 3.5 and a major GPA of 3.5 upon enrollment in the appropriate capstone course. In addition, students seeking departmental honors must submit an application to the departmental honors subcommittee for pre-approval early in the academic year in which students plan to complete the capstone research project; approved honors thesis work is then coupled to the capstone course requirements. Upon completion of the capstone course requirements, the departmental honors subcommittee, along with the faculty of the department, will determine whether the application and the final research project qualify for departmental honors.

For departmental honors, thesis work must be of outstanding quality and must involve original independent laboratory or field research and/or in-depth analysis. For example, students may complete a project in the lab or one that requires data analysis. Job shadowing, data collection/organization (without analysis), or research summaries will generally not be sufficient for consideration. It is recommended that students eligible and interested in the departmental honors pathway begin looking for and meeting with their capstone project advisor as early as possible and request the departmental honors application from the department chair.

2014-2015 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers a Chemistry major and minor. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Chemistry Major Requirements](#)
- [Forensic Science Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

• CHEM-101 Chemical Concepts Contemporary Issues I

Credits:

3.00

Description:

Principles of chemistry with illustrations from everyday life. Basic chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the Science requirement when taken with CHEM 102, L101, L102. May not be used by science majors for science credit. Concurrent enrollment in CHEM L101 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall/Summer I.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- CHEM-L101 Chemical Concepts Contemporary Issues Lab I

Prerequisites:

Must be taken concurrently with CHEM 101

Credits:

1.00

Description:

Principles of chemistry and its applications demonstrated through experimentation. Experiments may include field testing and analysis of ocean and river water, testing of household products and sunscreens, determination of calorie content of foods, and molecular modeling with computers. May not be used by science majors for science credit. 2-hour laboratory. Normally offered Fall/Summer I.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- CHEM-102 Chemical Concepts Contemporary Issues II

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM L102

Credits:

3.00

Description:

A continuation of CHEM 101, including topics in organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science. Basic Chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the science requirement. May not be used by science majors for science credit. Prerequisite: CHEM 101, CHEM 111 or pre-college chemistry. 3 hours lecture. Normally offered Spring/Summer II.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L102 Chemical Concepts Contemporary Issues Lab II

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM 102

Credits:

1.00

Description:

A continuation of CHEM L101. Experiments may include making plastics and drug products, analyzing food products, making a model of DNA, crime lab analysis procedures, making aspirin, and the study of flavors and fragrances using molecular models. Concurrent enrollment in CHEM 102 required. May not be used by science majors for science credit. Prerequisites: CHEM 101 and CHEM L101. 2-hour Laboratory. 1 term - 1 credit. Normally offered Spring/Summer II.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• CHEM-103 Chemical Concepts Contemporary Issues IIA

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

Credits:

4.00

Description:

Topics include organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science, with an emphasis on their application to current issues. Specifically designed to satisfy the non-laboratory science requirement for the B.A. degree. Science related information searches and writing assignments will be based on current topics from the semester's work. 3 hours lecture. It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

Type:

- CHEM-105 Chemical New Product Development

Prerequisites:

MGT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

- CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGR

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry II Lab

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

• **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Spring Term

• **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Spring Term

• CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• CHEM-L314 Instrumental Analysis Lab

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken

concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques I

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

• CHEM-332 Biochemistry II

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

• CHEM-355 Environmental Chemistry

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- CHEM-L355 Environmental Chemistry Lab

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- CHEM-375 Advanced Inorganic Chemistry

Prerequisites:

CHEM 212

Credits:

3.00

Description:

Topics in inorganic chemistry including bonding theories, chemical structures, symmetry and group theory, kinetics and mechanisms of reactions, and spectroscopy. Advanced topics may include bioinorganic chemistry, organometallics, or materials chemistry. 3 hours lecture. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **CHEM-L375 Advanced Inorganic Laboratory**

Prerequisites:

CHEM 375 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 375. Prior or concurrent enrollment in CHEM 375 required. 4-hour laboratory. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules. Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3 hours of lecture per week. Normally offered alternate years.

Term:

Alternates Fall & Spring

- CHEM-411 Physical Chemistry I

Prerequisites:

CHEM 112; MATH 166;

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-L411 Physical Chemistry Laboratory I

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements. Significant emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-412 Physical Chemistry II

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

• **CHEM-L412 Physical Chemistry Lab II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated through reports prepared in the professional style. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

• **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

- **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Laboratory course where students apply the use of biochemical techniques acquired in Biochemical Techniques I (CHEM L331) to conduct novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and characterization of DNA and proteins, and bioinformatics. Emphasis on experimental design, data interpretation, analysis of the scientific literature, and writing. Includes field trip to local research university or biotechnology/pharmaceutical laboratory.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, neurotoxins, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as

environmental and occupational toxicology. CHEM 332 and BIO 403 strongly recommended. Normally offered every other year.

Term:

Occasional

- **CHEM-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, by arrangement with the chemistry faculty.

- **FS-303 Introduction to Forensic Science**

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall/Spring Does not satisfy University Natural Science requirement.

Term:

Offered Both Fall and Spring

- **FS-L303 Introduction to Forensic Science Lab**

Prerequisites:

FS 303 concurrently and instructor's permission

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall/Spring.

Term:

Offered Both Fall and Spring

• FS-403 Trace Evidence

Prerequisites:

Prerequisite: FS 303 and FS L303 or instructor's permission

Credits:

3.00

Description:

This course covers the examination of trace materials, other than DNA sources, by visual microscopic analysis through advanced instrumental analysis. The collection, preservation, analysis, report preparation, and evidential significance for court testimony are described. Examples of common materials, such as textile fibers, paints and glass are used to describe the process of comparison and chemical identification of a known versus a questioned specimen(s) suspect of being associated with a crime scene. Instrumental demonstrations are provided. Prerequisites: CHEM 314, CHEM L314, FS 303 and FS L303 or instructor's permission. 3-hour lecture. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• FS-L403 Microscopy Lab for Trace Analysis

Prerequisites:

Chem 314 & L314; FS 303 & L303 or instructor's consent

Credits:

1.00

Description:

This class complements FS 403, Trace Evidence, and consists of lectures and laboratory exercises using microscopical analysis. An emphasis is placed on visual light microscope theory and usage. Stereoscopic and polarized light microscopes (PLMs) are located at individual student workstations. A comparison microscope is also available. Additionally, microscopes utilizing spectroscopic detection are studied and used. Infrared microscopy experiments are conducted on trace materials such as fibers, paint and glass. Prerequisites: CHEM 314, CHEM L314, FS 303 and L303 or instructor's permission. Student must be concurrently enrolled in FS 403. 3-hour laboratory. 1 term - 1 credit. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• FS-428 Criminalistics Practicum

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. This course replaces CHEM-428. Normally offered Fall/Spring/Summer. ECR approved.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **FS-429 Criminalistics Practicum II**

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. This course replaces CHEM-429. Normally offered Fall/Spring/Summer. ECR approved.

Type:

Expanded Classroom Requirement

- **FS-508 Physical Evidence Testimony**

Prerequisites:

FS 303 and a signature from the Forensic Science Advising Committee.

Credits:

4.00

Description:

Provides forensic scientists with legal and practical information concerning courtroom testimony. Topics include: Rules of Evidence of significance to forensic experts; the requirement of scientific reliability as a prerequisite to testimony; ethical considerations; preparation and relationship with the attorney calling an expert; persuasive courtroom behaviors and strategies; basic Fourth Amendment issues for experts; civil liability for forensic experts. Classes include lectures, discussions and simulations and are held in a courtroom. Offered occasionally; most recently offered summer 2006.

Term:

Occasional

2014-2015 Archived Catalog Information

Classics

Students will focus on the foundational texts and artistic expressions of the Greco-Roman and Judeo-Christian traditions in order to discover the qualities that make these works enduring in relevance.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)

Requirements for the Classics Minor: 5 courses, 20 credits

Courses will be selected from the electives below. Students must take courses from at least two of the participating departments. Cross-listed courses can only be counted for credit in one department. No more than 8 credits may double-count for credit in the student's major or toward another minor.

Classes Offered

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-315 Classical Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Greek and Roman drama from its origins; characteristics of the theater; development of tragedy and comedy. Readings in Aeschylus, Sophocles, Euripides, Aristophanes, Plautus, Terrence, and Seneca. Normally offered every third year

Term:

Occasional

- **ENG-316 Fifth Century Athens**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, *The Republic*. Cross-listed with History 336.

Term:

Occasional

- **ENG-317 Classical Mythology**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

- **ENG-410 From Pagan Reason to Christian Revelation**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A survey of major works of literature and thought crucial to the transformation of pagan models of reason to Christian systems of belief, including works by Plato and Plotinus, St. Augustine and Dante. Of central concern is the changing conception of love, from Eros to Agape. Cross-listed with History 336.

Term:

Occasional

- **ENG-411 Ancient Greece and Ancient Israel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, the Psalms, Homer's Troy, the complexity of desire and identity in the Hebrew Bible and in Sappho's poetry, biblical depictions of Jacob, Joseph, and David. Cross-listed with History 338.

Term:

Occasional

- **ENG-490 Imperial Rome**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 also counts as HIST 304

Credits:

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Note: This course is identical to HUM 304. Normally offered in alternate years.

Type:

Humanities & History

• ARH-305 Art of Greece and Rome

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• GR-101 Elementary Ancient Greek

Credits:

4.00

Description:

An introduction to the basic syntax and vocabulary of Ancient Greek with an emphasis on reading some modified passages from genuine Ancient Greek texts as soon as possible. No background in grammar or Greek is assumed.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **GR-102 Ancient Greek II**

Prerequisites:

GR-101

Credits:

4.00

Description:

A continuation of GR 101. During the semester we will complete our introduction to Ancient Greek and begin to read continuously a classic work of poetry, history, or philosophy in the original.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course

designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-416 Plato: Profiles in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or consent of instructor.

Credits:

4.00

Description:

A detailed study of Platonic texts and issues. Works studied will vary but will often include dialogues such as the Apology, Euthyphro, Phaedo, Republic, and Symposium. Themes may include, among others: the nature of philosophy and its relation to society; the dialogue form and the character of Socrates; the difference between truth and opinion; the meaning of virtue; justice and the ideal regime; the theory of forms and the nature of reality; love, death, and transcendence. Prerequisite: PHIL 210 or consent of instructor. 1 term ? 4 credits. Normally offered every third year.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

* ENG-318 requires prior approval in order to count towards the Classics minor. Students should consult with the Instructor and the coordinator of the classics minor no later than the first week of classes.

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Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen major, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, *The Suffolk Journal*, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

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- [Communication & Journalism Courses](#)

Major Requirements: 12 courses, 48 credits

Students must complete the Communication and Journalism (CJN) core requirements and the requirements of a concentration in the Department of Communication and Journalism in one of the following areas: advertising, communication studies, film, media, broadcast journalism, print journalism, and public relations. All CJN majors require a minimum of 12 courses (48 credits) of CJN coursework.

In addition, all CJN students must also complete the general requirements for their chosen undergraduate degree:

- [Bachelor of Science](#)
- [Bachelor of Arts](#)
- [Bachelor of Science in Journalism](#) (available to students in the Journalism, Broadcast Journalism, Public Relations, Advertising, and Media concentrations)

All students majoring in Communication and Journalism must have their program of study approved by an advisor from the department each semester prior to registering for classes.

Department Core Requirements

All CJN majors must take the following core courses:

• CJN-101 Introduction to Communication

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen major, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, *The Suffolk Journal*, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

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General Information

- All CJN major concentrations require 12 courses (48 credits) of coursework within the department.
- All CJN major concentrations consist of the CJN Department Core of three courses (12 credits) and at least seven courses (28 credits) within the specialized concentration.
- All freshman CJN majors must take CJN 101 Introduction to Communication and CJN 103 Presentation Skills during their first year.
- Transfer students must take CJN 101 Introduction to Communication and CJN 103 Presentation Skills during their first year or have equivalent transfer courses.
- CJN majors may not double-count concentration requirements toward fulfilling core requirements for the BSJ, BS and BA degrees.

Advertising Concentration: 12 courses, 48 credits

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Advertising Requirements (9):

- **CJN-247 Design Lab**

Credits:

4.00

Description:

Computer applications for Advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

- **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

Term:

Offered Both Fall and Spring

- **CJN-277 Public Relations I: Principles**

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues, trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

- **CJN-297 New Media New Markets**

Credits:

4.00

Description:

Explores current trends in advertising and public relations. Examines new media choices in cable, direct response and the internet and their impact on these professions. Includes an analysis of new markets in Generation X, Generation Y, the international, and ethnic communities.

Term:

Offered Both Fall and Spring

- **CJN-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. The course examines media costs, budgets, and media strategy for different audiences and markets. Normally offered yearly.

Term:

Offered Both Fall and Spring

- **CJN-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of Advertising, with special emphasis on practical advertising and advertising campaigns. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-437 Ad Campaigns**

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan and produce a national advertising campaign for a client as members of a simulated agency team. Normally offered yearly.

Term:

Offered Both Fall and Spring

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN Advisor consent

Credits:

1.00-12.00

Description:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Choose one of the following courses:

- **CJN-383 Online Advertising**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Occasional

- **CJN-389 Social Media**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building and social activism are considered. The roles of advertising, public relations and branding are examined.

Term:

Occasional

- **CJN-457 Integrated Marketing Communication**

Prerequisites:

Take CJN 277, CJN 257

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Communication and Journalism

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All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, *The Suffolk Journal*, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

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General Information

- All CJN major concentrations require 12 courses (48 credits) of coursework within the department.
- All CJN major concentrations consist of the CJN Department Core of three courses (12 credits) and at least seven courses (28 credits) within the specialized concentration.
- All freshman CJN majors must take CJN 101 Introduction to Communication and CJN 103 Presentation Skills during their first year.
- Transfer students must take CJN 101 Introduction to Communication and CJN 103 Presentation Skills during their first year or have equivalent transfer courses.
- CJN majors may not double-count concentration requirements toward fulfilling core requirements for the BSJ, BS and BA degrees.

Public Relations Concentration: 12 courses, 48 credits

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Public Relations Requirements (9):

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students will also be introduced to feature news writing and be assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

- **CJN-247 Design Lab**

Credits:

4.00

Description:

Computer applications for Advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

- **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

Term:

Offered Both Fall and Spring

- **CJN-277 Public Relations I: Principles**

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues, trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

- **CJN-377 Public Relations III: Writing**

Prerequisites:

CJN-277;

Credits:

4.00

Description:

An applied course that focuses on Public Relations research methods, the development of persuasive messages, and the selection, development and editing of appropriate materials used to communication with an organization's stakeholders.

Term:

Offered Both Fall and Spring

- **CJN-378 Event Planning and Promotion**

Prerequisites:

CJN 277

Credits:

4.00

Description:

Examines how conferences are built, promoted, managed, and assessed, with particular emphasis on nonprofit conventions, trade shows, and volunteer organizations. Specific issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

- **CJN-477 Public Relations IV: Campaigns**

Prerequisites:

CJN-277 and CJN-377 and Senior Standing.

Credits:

4.00

Description:

Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Choose two of the following courses:

- **CJN-297 New Media New Markets**

Credits:

4.00

Description:

Explores current trends in advertising and public relations. Examines new media choices in cable, direct response and the internet and their impact on these professions. Includes an analysis of new markets in Generation X, Generation Y, the international, and ethnic communities.

Term:

Offered Both Fall and Spring

• CJNI-317 Copy Editing

Prerequisites:

CJNI 112 or CJNI 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Spring Term

• CJNI-335 Persuasion

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Occasional

- **CJN-355 Media Production**

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness and change processes. Normally offered yearly.

Type:

Social Science

- **CJN-387 Media Relations**

Credits:

4.00

Description:

Examines the relationships among the public and private sector organizations and the media. The course focuses on issues management, the role of public relations and the perspective of media professionals in the discussion of public issues. Normally offered alternate years.

- **CJN-389 Social Media**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building and social activism are considered. The roles of advertising, public relations and branding are examined.

Term:

Occasional

2014-2015 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen major, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

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Communication Studies Concentration: 12 courses, 48 credits

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Communication Studies Requirements (9):

- **CJN-215 Interpersonal Communication**

Credits:

4.00

Description:

Analysis of communication behavior in individual and group environments. Topics include conflict, leadership, common communication difficulties, communication roles and reflective thinking.

Term:

Occasional

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of the communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B,Diverse Perspectives

- **CJN-265 Small Group & Team Communication**

Credits:

4.00

Description:

Analysis of the concepts and theories of communication in small groups and teams. Improvement of problem-solving, decision-making, analysis and evaluation skills in the team environment. The study and practice of merging trends in team dialogue, team learning, team development and leadership.

Term:

Occasional

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Occasional

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness and change processes. Normally offered yearly.

Type:

Social Science

Choose one of the following:

- **CJN-235 Argument & Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social and legal situations. Emphasis on development of arguments, analysis, use of evidence and delivery of oral and written assignments. Normally offered every semester.

Term:

Occasional

- **CJN-275 Advanced Public Speaking**

Prerequisites:

CJN 103 or CJN 177

Credits:

4.00

Description:

Intensive training in public speaking techniques employing a variety of speaking situations.

Term:

Occasional

Choose one of the following:

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

- **CJN-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics. Normally offered alternate years.

Term:

Occasional

Choose 2 CJN courses, one of which must fulfill the ECR.

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Broadcast Journalism Concentration: 12 courses, 48 credits

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Broadcast Journalism Requirements (9):

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students will also be introduced to feature news writing and be assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

• CJA-212 Journalism II

Prerequisites:

CJA 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing of full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism", combined with the survey of journalistic styles and standards as they evolved in the American and International Press over the last century.

Term:

Offered Both Fall and Spring

• CJA-239 Media Law

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media, and media professionals. Special focus on defamation, copyright, obscenity, broadcast regulation and media-related tort law.

Term:

Offered Both Fall and Spring

• CJNI-253 Broadcast Journalism

Prerequisites:

Take CJNI-112;

Credits:

4.00

Description:

Introduces students to newswriting, production and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

• CJNI-353 Broadcast Journalism II

Prerequisites:

Take CJNI-253 and CJNI-355;

Credits:

4.00

Description:

Advanced work in newswriting, production, and performance techniques for television. Students report, write, and produce news packages, with emphasis on increasing the depth, breadth and frequency of reporting. Work will also include gathering, organizing, and evaluation the

newsworthiness of information, evaluating the credibility of sources, writing the story, and producing broadcast quality work. Cannot be taken concurrently with CJN 483.

Term:

Alternates Fall & Spring

• CJN-355 Media Production

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Choose one of the following courses:

• CJN-483 Suffolk TV News

Prerequisites:

Take CJN 253 CJN 355 and either CJN 353 or CJN 361 or instructor's consent.

Credits:

4.00

Description:

Students write, direct, crew, edit and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253. CJN-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

Choose two of the following courses:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

- **CJN-361 Television News Producing**

Prerequisites:

CJN 253 and CJN 355

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis will be on the pacing, timing, and flow of newscasts, as well as pre-production, teases (script and on-camera) and the issues of an audience and professional ethics. Cannot be taken concurrently with CJN 483

Term:

Alternates Fall & Spring

• CJN-403 Issues in Journalism

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different in Journalism, such as Social Justice Journalism, Electronic Journalism, Ethics, Political Journalism, and International Journalism. Normally offered yearly.

Term:

Offered Spring Term

• CJN-480 Documentary Film Production

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

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Print Journalism Concentration: 12 courses, 48 credits

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Print Journalism Requirements (9):

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students will also be introduced to feature news writing and be assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

• CJA-212 Journalism II

Prerequisites:

CJA 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing of full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism", combined with the survey of journalistic styles and standards as they evolved in the American and International Press over the last century.

Term:

Offered Both Fall and Spring

• CJA-239 Media Law

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media, and media professionals. Special focus on defamation, copyright, obscenity, broadcast regulation and media-related tort law.

Term:

Offered Both Fall and Spring

• CJNI-313 Advanced Reporting

Prerequisites:

Take CJNI-112 and CJNI-212;

Credits:

4.00

Description:

The principles and techniques of advanced news and investigative reporting are studied and applied. Students develop, organize, and write detailed news and news-feature stories based on original research. Each student is assigned a real-life news beat or news project to work on throughout the semester.

Term:

Occasional

• CJNI-317 Copy Editing

Prerequisites:

CJNI 112 or CJNI 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Spring Term

- CJNI-343 Advanced Feature Writing

Prerequisites:

Take CJNI-112 and CJNI-212;

Credits:

4.00

Description:

Emphasizes in-depth development of articles in the style of narrative journalism for magazines and other publications. Normally offered yearly.

Term:

Occasional

Choose one of the following courses:

- CJNI-503 Experiential Learning in Communication

Prerequisites:

16 Hrs of CJNI coursework or CJNI Advisor consent

Credits:

1.00-12.00

Description:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-505 Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and Internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Choose two of the following courses:

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-253 Broadcast Journalism**

Prerequisites:

Take CJN-112;

Credits:

4.00

Description:

Introduces students to newswriting, production and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

- **CJN-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different in Journalism, such as Social Justice Journalism, Electronic Journalism, Ethics, Political Journalism, and International Journalism. Normally offered yearly.

Term:

Offered Spring Term

- CJNI-415 Review Writing

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art and food. Normally offered every semester.

Term:

Offered Fall Term

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Film Concentration: 12 courses, 48 credits

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Credits:

4.00

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Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Film Courses (9):

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

- **CJN-291 Film Studies: the Modern Era Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-355 Media Production**

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **CJN-455 Advanced Media Production**

Prerequisites:

CJN 355

Credits:

4.00

Description:

The course focus is on specialized production techniques including advanced lighting, sound recording, cinematography and editing techniques. Students work in teams to create a variety of fiction productions.

Term:

Offered Both Fall and Spring

• CJA-466 Seminar in Media/Film

Prerequisites:

Take CJA-288 CJA-291 and CJA-355; Senior standing required.

Credits:

4.00

Description:

Course merges theoretical and practical film studies approaches. Students revisit concepts learned in previous classes and apply them to advanced film analysis. Analysis incl. (re)creation of important film scenes or concepts, such as Eisenstein's five types of montage. (Capstone course, prereq. 288, 291, 355)

Term:

Occasional

Choose one of the following courses:

• CJA-325 World Cinema

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

Type:

Humanities & History

- **CJN-465 Film and Society**

Credits:

4.00

Description:

The study of the relationship between film and society. The course features filmmakers who emphasize political, historical, racial, gender, and other important social issues. Normally offered yearly. Revised Description A study of how cinema reflects, and reflects on, the values of the society in which it is produced. The course features films and filmmakers who emphasize political and social issues dealing with race, gender, sexuality, and other important concerns.

Term:

Occasional

- **CJN-493 Special Topics in Film**

Credits:

4.00

Description:

Specialized courses in film theory, history, criticism and genre. Normally offered yearly.

Term:

Occasional

Choose two of the following courses:

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

- CJNI-293 Hong Kong Cinema

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such as colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

- CJNI-365 American Cinema

Credits:

4.00

Description:

Trends in Hollywood and American independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- CJNI-381 Business of Media

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores how media in the 21st century are managed. Students learn contemporary trends in media regulation, ownership structures, programming strategies, audience measurement, and global business tactics. Students apply these concepts by running a media firm simulation. Normally offered yearly

Term:

Occasional

Specialization in Media Production: 4 Courses, 16 Credits

The specialization in media production is open only to CJN majors in the media and film concentrations.

Required Prerequisite

- **CJN-355 Media Production**

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Type:

Production Strategies and Skills

Choose two of the following courses:

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

This course provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-camera studio with live switching, audio mixing and studio lighting. Students produce interviews, PSA's, and a live variety/talk show.

Term:

Occasional

- **CJN-357 Post Production**

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by closely examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Offered Spring Term

Production Practica

Choose two of the following courses:

- **CJN-354 Digital Cinema**

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Credits:

4.00

Description:

This advanced class works together as a crew for the creation of a short narrative film shot in HD video. Under the direction of the professor students learn the process of making professional-quality work. Each student will be responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-483 Suffolk TV News**

Prerequisites:

Take CJN 253 CJN 355 and either CJN 353 or CJN 361 or instructor's consent.

Credits:

4.00

Description:

Students write, direct, crew, edit and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253. CJN-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

2014-2015 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen major, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, *The Suffolk Journal*, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

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General Information

- All CJN major concentrations require 12 courses (48 credits) of coursework within the department.
- All CJN major concentrations consist of the CJN Department Core of three courses (12 credits) and at least seven courses (28 credits) within the specialized concentration.
- All freshman CJN majors must take CJN 101 Introduction to Communication and CJN 103 Presentation Skills during their first year.
- Transfer students must take CJN 101 Introduction to Communication and CJN 103 Presentation Skills during their first year or have equivalent transfer courses.
- CJN majors may not double-count concentration requirements toward fulfilling core requirements for the BSJ, BS and BA degrees.

Media Concentration: 12 courses, 48 credits

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Media Courses (9):

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

- **CJN-355 Media Production**

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• CJNI-381 Business of Media

Prerequisites:

CJNI-255

Credits:

4.00

Description:

Explores how media in the 21st century are managed. Students learn contemporary trends in media regulation, ownership structures, programming strategies, audience measurement, and global business tactics. Students apply these concepts by running a media firm simulation. Normally offered yearly

Term:

Occasional

• CJNI-400 Media Effects & Audiences

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

This course will explore the social influence of the media on American society. Attention will be given to the theoretical perspectives that inform media research. By the end of the semester, students should have developed a critical understanding of the role and influence of the media in American society.

Term:

Offered Fall Term

Type:

Social Science

• CJN-421 Media Seminar

Prerequisites:

Take CJN-255;CJN Majors with Senior Standing

Credits:

4.00

Description:

Conducted in an interactive and intensive seminar format, students examine special media topics by leading class discussion and engaging in original research. Possible topics include, but a not limited to: women, gender and communication technologies; media and social movements; topics in cultural studies; media and democracy; media and community; and participatory media culture. Normally offered yearly.

Term:

Offered Spring Term

Choose two of the following courses:

- **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media, and media professionals. Special focus on defamation, copyright, obscenity, broadcast regulation and media-related tort law.

Term:

Offered Both Fall and Spring

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

• CJA-290 Women in Struggle on Film

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

• CJA-291 Film Studies: the Modern Era Modern Era

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- CJNI-293 Hong Kong Cinema

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such as colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

- CJNI-325 World Cinema

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

Type:

- **CJN-354 Digital Cinema**

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

This course provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-camera studio with live switching, audio mixing and studio lighting. Students produce interviews, PSA's, and a live variety/talk show.

Term:

Occasional

- **CJN-357 Post Production**

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,BSBA SOCIAL CHANGE,Expanded Classroom Requirement

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by closely examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Offered Spring Term

- **CJN-465 Film and Society**

Credits:

4.00

Description:

The study of the relationship between film and society. The course features filmmakers who emphasize political, historical, racial, gender, and other important social issues. Normally offered yearly. Revised Description A study of how cinema reflects, and reflects on, the values of the society in which it is produced. The course features films and filmmakers who emphasize political and social issues dealing with race, gender, sexuality, and other important concerns.

Term:

Occasional

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Credits:

4.00

Description:

This advanced class works together as a crew for the creation of a short narrative film shot in HD video. Under the direction of the professor students learn the process of making professional-quality work. Each student will be responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-483 Suffolk TV News**

Prerequisites:

Take CJN 253 CJN 355 and either CJN 353 or CJN 361 or instructor's consent.

Credits:

4.00

Description:

Students write, direct, crew, edit and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253. CJN-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN Advisor consent

Credits:

1.00-12.00

Description:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved research topic. Prerequisites: Senior CJN majors with an overall cumulative GPA of 3.0, and a major GPA of 3.4. 1 term; 4 credits. Normally offered yearly.

Term:

Offered Spring Term

Specialization in Media Production: 4 Courses, 16 Credits

The specialization in media production is open only to CJN majors in the media and film concentrations.

Required Prerequisite

- **CJN-355 Media Production**

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Production Strategies and Skills

Choose two of the following courses:

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

This course provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-camera studio with live switching, audio mixing and studio lighting. Students produce interviews, PSA's, and a live variety/talk show.

Term:

Occasional

- **CJN-357 Post Production**

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

• CJNI-390 Screenwriting

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by closely examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Offered Spring Term

Production Practica

Choose two of the following courses:

• CJNI-354 Digital Cinema

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Credits:

4.00

Description:

This advanced class works together as a crew for the creation of a short narrative film shot in HD video. Under the direction of the professor students learn the process of making professional-quality work. Each student will be responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-483 Suffolk TV News**

Prerequisites:

Take CJN 253 CJN 355 and either CJN 353 or CJN 361 or instructor's consent.

Credits:

4.00

Description:

Students write, direct, crew, edit and serve as talent in producing the CJA Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJA 361 or CJA 353.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- CJA-490 Temple Street Project

Prerequisites:

CJA-253. CJA-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

2014-2015 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen major, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, *The Suffolk Journal*, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

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Requirements for the Minor

Students selecting a CJNI minor must complete 5 courses (20 credits) of CJNI coursework, including four courses from one of the concentrations and one CJNI elective.

2014-2015 Archived Catalog Information

Communication and Journalism

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- [Communication & Journalism Courses](#)

We offer an accelerated path for undergraduate Communication and Journalism (CJN) majors to obtain a master's degree in Communication. Students do not receive an undergraduate degree at the end of the second semester of their senior year; instead, they continue on as degree candidates in the CJN MA program.

Who is eligible

- CJN majors who are rising seniors with a GPA of 3.5 in their major and overall.
- Students must meet all of the requirements of one of the undergraduate degree programs (BS, BSJ, BA) in CJN. In addition, they must meet all of the requirements of one of the MA degree concentrations in CJN.

How it works

1. Eligible students will take 2 CJN graduate courses; one during the fall semester of their senior year and one during the spring semester. The specific courses will be determined by the CJN graduate program director.
2. Upon the successful completion of both courses with a grade of "B" or better* per course, students will be able to apply the 2 courses toward the requirements of the CJN graduate program.
3. Students must submit an application to the CJN graduate program. A grade of "B" or better in the 2 graduate-level courses taken during senior year will guarantee their acceptance. Note that applicants will have the GRE requirement waived.
4. Once they are admitted to the graduate program, students will be required to take 10 additional 3-credit courses.
5. If a student decides to opt out or drop out of the CJN graduate program after successfully completing all of their undergraduate coursework and the 2 senior-year graduate courses, they will receive the appropriate bachelor's degree.
6. Upon successful completion of all of the requirements for both the bachelor's and master's degrees, a student will be conferred one joint degree.

*If a student earns a passing grade less than a "B" in one or both courses, the course credit will be applied to their undergraduate program, at the rate of 4 credits per course. The courses will not carry graduate credit, and the student will no longer be considered to be in the accelerated degree program. If the student wishes to apply for the CJN graduate program, s/he must follow the regular admission procedures.

2014-2015 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen major, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

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All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

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- [Advertising Concentration](#)
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- [Honors](#)
- [Internships & Co-Curricular Activities](#)
- [Communication & Journalism Courses](#)

Majors in the department who have completed 20 credits of CJNI coursework, who have a CJNI average of 3.4 or higher and who have an overall cumulative average of 3.0 or higher may enroll in CJNI 506 Honors Seminar. Completion of Honors Seminar with a grade of “B+” or better entitles the student to departmental honors and membership in Lambda Pi Eta, the national communication honorary society. For further details contact the department chair.

2014-2015 Archived Catalog Information

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Internships and Practica enable qualified CJN majors and minors to gain practical experience within their concentrations. Students work in paid and unpaid positions while earning elective academic credits. These courses meet the ECR requirement of the College of Arts & Sciences.

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• CJN-101 Introduction to Communication

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

• CJN-103 Presentations Skills

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students will also be introduced to feature news writing and be assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Humanities & History

- **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

- **CJN-177 Professional Communication**

Credits:

4.00

Description:

An introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening, and interpersonal communication in the business environment. Required of all students in the Sawyer Business School.

Term:

Offered Both Fall and Spring

- **CJN-H177 Honors Professional Communication**

Prerequisites:

3.2GPA

Credits:

4.00

Description:

An honors-level introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening and interpersonal communication in the business environment. This course is required for all students in the Sawyer School of Business.

Term:

Offered Both Fall and Spring

- **CJN-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

- **CJN-212 Journalism II**

Prerequisites:

CJN 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing of full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism", combined with the survey of journalistic styles and standards as they evolved in the American and International Press over the last century.

Term:

Offered Both Fall and Spring

- **CJN-214 Professional Writing**

Credits:

4.00

Description:

Provides students with the opportunity to develop their writing style for a professional audience. Memo writing, report writing, letter writing and other common writing situations for business professionals are considered.

Term:

Occasional

- **CJN-215 Interpersonal Communication**

Credits:

4.00

Description:

Analysis of communication behavior in individual and group environments. Topics include conflict, leadership, common communication difficulties, communication roles and reflective thinking.

Term:

Occasional

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of the communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B,Diverse Perspectives

- **CJN-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions and social movements. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-219 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

- **CJN-222 Leadership and Communication**

Credits:

2.00

Description:

This course explores different definitions, perspectives, and strategies of leadership, with the goals of developing a better understanding of the concept as well as the students' own styles of leadership. The course examines a number of components of leadership including power, credibility, motivation, styles, situations, and followership.

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a specialized focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East and other nations (Films have subtitles).

- **CJN-235 Argument & Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social and legal situations. Emphasis on development of arguments, analysis, use of evidence and delivery of oral and written assignments. Normally offered every semester.

Term:

Occasional

- **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media, and media professionals. Special focus on defamation, copyright, obscenity, broadcast regulation and media-related tort law.

Term:

Offered Both Fall and Spring

- **CJN-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program. ECR

Term:

Occasional

Type:

Expanded Classroom Requirement

- **CJN-247 Design Lab**

Credits:

4.00

Description:

Computer applications for Advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

- **CJN-253 Broadcast Journalism**

Prerequisites:

Take CJN-112;

Credits:

4.00

Description:

Introduces students to newswriting, production and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

Term:

Offered Both Fall and Spring

- **CJN-258 Sports Public Relations**

Credits:

4.00

Description:

The application of Public Relations strategies and techniques in college and professional sports.

Term:

Occasional

- **CJN-259 Sports Public Relations**

Credits:

4.00

Description:

The application of Public Relations strategies and techniques in college and professional sports.

Term:

Occasional

- **CJN-265 Small Group & Team Communication**

Credits:

4.00

Description:

Analysis of the concepts and theories of communication in small groups and teams. Improvement of problem-solving, decision-making, analysis and evaluation skills in the team environment. The study and practice of merging trends in team dialogue, team learning, team development and leadership.

Term:

Occasional

- **CJN-270 Speaking Across Cultures Speaking Across Cultures**

Credits:

4.00

Description:

The purpose of this course is to help students learn to communicate with and speak to culturally diverse audiences. Audience analysis, organizational patterns, speech creation, research skills, and delivery skills are all critical to understand when interacting with diverse audiences. This course will provide students with opportunities to present a variety of oral presentations and interactions in different contexts.

- **CJN-275 Advanced Public Speaking**

Prerequisites:

CJN 103 or CJN 177

Credits:

4.00

Description:

Intensive training in public speaking techniques employing a variety of speaking situations.

Term:

Occasional

- **CJN-277 Public Relations I: Principles**

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues, trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students will critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students will apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomenon such as Korean Wave, Cool Japan, and Cantonese popular music.

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

Type:

Social Science

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-291 Film Studies: the Modern Era Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory course that examines film history from 1890-1970. It includes an introduction to the language and technology of filmmaking, and a basic discussion of the aesthetics and criticism of film. The majority of the films were produced in the U.S., but key films and developments in other nations are also studied.

Term:

Offered Both Fall and Spring

Type:

Humanities & History

- CJNI-293 Hong Kong Cinema

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such as colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

- CJNI-297 New Media New Markets

Credits:

4.00

Description:

Explores current trends in advertising and public relations. Examines new media choices in cable, direct response and the internet and their impact on these professions. Includes an analysis of new markets in Generation X, Generation Y, the international, and ethnic communities.

Term:

Offered Both Fall and Spring

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

This course will focus on some of the divisions and conflicts within Israeli society. Students will analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis will also cover media representation of the Israeli-Palestinian conflict.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **CJN-313 Advanced Reporting**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

The principles and techniques of advanced news and investigative reporting are studied and applied. Students develop, organize, and write detailed news and news-feature stories based on original research. Each student is assigned a real-life news beat or news project to work on throughout the semester.

Term:

Occasional

• CJA-315 Global & Cultural Scripts

Prerequisites:

CJA-216;

Credits:

4.00

Description:

Understanding how people interact is critical to building relationships in personal and professional settings. The concept of scripts refers to ways of understanding and articulating cultural norms, values and behaviors. Scripts help us identify patterns of communication and creation of identity. This course will explore the concepts of scripts in a variety of contexts and situations including interpersonal communication and organizational communication.

• CJA-317 Copy Editing

Prerequisites:

CJA 112 or CJA 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Spring Term

- **CJN-L318 Advanced Photojournalism**

Credits:

4.00

Description:

An in-depth analysis of the field of Photojournalism. Emphasis is placed on the development of photo essays and the visual impact of photography on the print media. Prerequisite: CJN 218. 1 term - 4 credits.

Term:

Offered Spring Term

- **CJN-321 Research Methods in Communication**

Credits:

4.00

Description:

Students will learn the research traditions in communication grounded in the humanities and social sciences. They will be exposed to an array of qualitative methods, with in-depth study of select methodologies. Students will learn how to read scholarly articles, write in an academic style, and design a research project.

- **CJN-325 World Cinema**

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

Type:

Humanities & History

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Occasional

- **CJN-340 Health Communication**

Prerequisites:

CJN-277;

Credits:

4.00

Description:

This course examines the important functions performed by human and mediated communication for health care consumers and providers. In particular, the course focuses on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-343 Advanced Feature Writing**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

Emphasizes in-depth development of articles in the style of narrative journalism for magazines and other publications. Normally offered yearly.

Term:

Occasional

- **CJN-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. The course examines media costs, budgets, and media strategy for different audiences and markets. Normally offered yearly.

Term:

Offered Both Fall and Spring

- **CJN-351 Sports Broadcasting**

Credits:

4.00

Description:

Students create various video productions, mostly featuring Suffolk University Athletics. They will produce interviews and packages, culminating in live-events broadcasts that feature multiple cameras, reporters and announcers.

• CJA-353 Broadcast Journalism II

Prerequisites:

Take CJA-253 and CJA-355;

Credits:

4.00

Description:

Advanced work in newswriting, production, and performance techniques for television. Students report, write, and produce news packages, with emphasis on increasing the depth, breadth and frequency of reporting. Work will also include gathering, organizing, and evaluation the newsworthiness of information, evaluating the credibility of sources, writing the story, and producing broadcast quality work. Cannot be taken concurrently with CJA 483.

Term:

Alternates Fall & Spring

• CJA-354 Digital Cinema

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

- **CJN-355 Media Production**

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

This course provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-camera studio with live switching, audio mixing and studio lighting. Students produce interviews, PSA's, and a live variety/talk show.

Term:

Occasional

- **CJN-357 Post Production**

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

• CJA-358 Family Communication

Credits:

4.00

Description:

This course will look at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues will include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and then glance at challenges to the family unit. Students will need to understand their own family issues so that they can glance across the street to neighbors' differing viewpoints, so that we can broaden to begin to understand families from different cultures. We will accomplish this by examining both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects will be a paper and presentation about a specific family communication concept applied to a specific family unit.

Term:

Occasional

• CJA-359 Advertising Copy

Prerequisites:

CJA 257

Credits:

4.00

Description:

Continuation of Advertising, with special emphasis on practical advertising and advertising campaigns. Normally offered every semester.

Term:

Offered Both Fall and Spring

• **CJN-361 Television News Producing**

Prerequisites:

CJN 253 and CJN 355

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis will be on the pacing, timing, and flow of newscasts, as well as pre-production, teases (script and on-camera) and the issues of an audience and professional ethics. Cannot be taken concurrently with CJN 483

Term:

Alternates Fall & Spring

• **CJN-363 Online Journalism**

Credits:

4.00

Description:

The development and implementation of news stories for web media. Emphasis is placed on narrative form in the integration of writing, video, sound and photography in producing news content for the web.

- **CJN-365 American Cinema**

Credits:

4.00

Description:

Trends in Hollywood and American independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness and change processes. Normally offered yearly.

Type:

Social Science

- **CJN-377 Public Relations III: Writing**

Prerequisites:

CJN-277;

Credits:

4.00

Description:

An applied course that focuses on Public Relations research methods, the development of persuasive messages, and the selection, development and editing of appropriate materials used to communication with an organization's stakeholders.

Term:

Offered Both Fall and Spring

- **CJN-378 Event Planning and Promotion**

Prerequisites:

CJN 277

Credits:

4.00

Description:

Examines how conferences are built, promoted, managed, and assessed, with particular emphasis on nonprofit conventions, trade shows, and volunteer organizations. Specific issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

• CJN-381 Business of Media

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores how media in the 21st century are managed. Students learn contemporary trends in media regulation, ownership structures, programming strategies, audience measurement, and global business tactics. Students apply these concepts by running a media firm simulation. Normally offered yearly

Term:

Occasional

• CJN-383 Online Advertising

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Occasional

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,BSBA SOCIAL CHANGE,Expanded Classroom Requirement

- **CJN-387 Media Relations**

Credits:

4.00

Description:

Examines the relationships among the public and private sector organizations and the media. The course focuses on issues management, the role of public relations and the perspective of media professionals in the discussion of public issues. Normally offered alternate years.

- **CJN-387 Media and Film Criticism**

Credits:

4.00

Description:

Critical examination of various media including film, television, radio, music, newspapers and magazines. Theories of media criticism are discussed and applied to specific media or media products. The class will introduce students to the following forms of criticism: genre criticism; formalist criticism; narrative criticism; cultural studies; critical cultural studies; and feminist criticism.

• CJA-389 Social Media

Prerequisites:

CJA-257;

Credits:

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building and social activism are considered. The roles of advertising, public relations and branding are examined.

Term:

Occasional

• CJA-390 Screenwriting

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by closely examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Offered Spring Term

- **CJN-398 Special Topics: Photojournalism In Toscania**

Credits:

3.00

Description:

This course will be an in-depth analysis of the field of Photojournalism. Emphasis will be placed on development of photo essays and the visual impact of photography on the print media. Following the pattern created in my photography classes at the Dakar campus students will also create personal and group portfolios and will exhibit the work to the greater university community in Boston. Additionally each student will be required to produce a research paper and photo essay as a Power Point presentation on a subject approved by the instructor that will allow the student to examine in depth an aspect of historic or contemporary life in Italy. The history of photography and photojournalism will be discussed in order to give students a perspective on the field and to understand their own role in the journalistic process. The basic technical aspects of camera work and photo composition will be taught as well as the new advanced techniques used by photojournalists working with digital photography equipment and computers. Image capture, manipulation, captioning, electronic transmission and line quality printing for exhibit will be presented. The region of Tuscania and the facilities at the Lorenzo de Medici campus make for an ideal location for the class, Field trips to Rome to explore and photograph the city and the Old Forum and to Florence where a visit to the Museo Nazionale Alinari Della Fotografia is planned, along with local excursions to archaeological sites near Tarquinia where permission has already been granted to visit and photograph and the nationally protected nature reserves nearby, as well as the town of Toscania itself will provide fertile visual opportunities for the aspiring photojournalism students. As always, Study Abroad Photojournalism classes serve as a vehicle for spreading goodwill in the host country, creating greater inter-cultural understanding, and offering students the opportunity to begin developing a mature world view.

Term:

Summer

- **CJN-400 Media Effects & Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

This course will explore the social influence of the media on American society. Attention will be given to the theoretical perspectives that inform media research. By the end of the semester, students should have developed a critical understanding of the role and influence of the media in American

society.

Term:

Offered Fall Term

Type:

Social Science

- **CJN-401 Networked Culture**

Credits:

4.00

Description:

This course explores the influence of media convergence, digital technologies and networked culture on the production, distribution and consumption of media texts. Through theory, analysis and practice, students learn broad conceptual frameworks and develop strategic thinking models about how the emergence and evolution of digital and mobile communication technologies have shaped the contemporary media landscape. Case studies are drawn from a variety of media industries including journalism, advertising, public relations, film and television, music, video games, and the arts. Half of the course time is dedicated to reading and discussing material that focuses on the theoretical approaches and illustrative case studies in media convergence, transmedia storytelling and networked culture. The other half of the course time is devoted to experimenting with a variety of digital media tools, and designing a comprehensive digital media project.

- **CJN-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different in Journalism, such as Social Justice Journalism, Electronic Journalism, Ethics, Political Journalism, and International Journalism. Normally offered yearly.

Term:

Offered Spring Term

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-415 Review Writing**

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art and food. Normally offered every semester.

Term:

Offered Fall Term

- **CJN-421 Media Seminar**

Prerequisites:

Take CJN-255;CJN Majors with Senior Standing

Credits:

4.00

Description:

Conducted in an interactive and intensive seminar format, students examine special media topics by leading class discussion and engaging in original research. Possible topics include, but a not limited to: women, gender and communication technologies; media and social movements; topics in cultural studies; media and democracy; media and community; and participatory media culture. Normally offered yearly.

Term:

Offered Spring Term

- **CJN-437 Ad Campaigns**

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan and produce a national advertising campaign for a client as members of a simulated agency team. Normally offered yearly.

Term:

Offered Both Fall and Spring

- **CJN-440 Health Communication**

Prerequisites:

CJN-277;

Credits:

4.00

Description:

This course examines the important functions performed by human and mediated communication for health care consumers and providers. In particular, the course focuses on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-441 Risk and Crisis Communication**

Prerequisites:

CJN-277

Credits:

4.00

Description:

This course provides students with insights into effective risk and crisis management within organizations including health organizations. Topics will include risk management, case studies, and developing crisis communication plans.

- **CJN-442 Boston Sports Media**

Credits:

4.00

Description:

The history of Boston sports include a rich media tradition that has been chronicled in various Boston sports media outlets. This course will take both a historic and contemporary approach to understanding and analyzing Boston sports media and their relationship to Boston college and professional sports.

- CJNI-443 Advanced Report and Feature Writing

Credits:

4.00

Description:

Principles and techniques of advanced news, features, and investigative reporting are studied and applied, with a focus on enterprise reporting. Students develop, organize and write detailed news and news-feature stories based on original research.

- CJNI-444 Advanced Health Communication

Prerequisites:

CJNI-340

Credits:

4.00

Description:

This course explores theory and research in the development of persuasive health campaigns in many contexts including social marketing. The course will examine aspects of health campaigns including formative research, audience segmentation, key message tailoring, and important communication tools.

- CJNI-455 Advanced Media Production

Prerequisites:

CJNI 355

Credits:

4.00

Description:

The course focus is on specialized production techniques including advanced lighting, sound recording, cinematography and editing techniques. Students work in teams to create a variety of fiction productions.

Term:

Offered Both Fall and Spring

- **CJN-457 Integrated Marketing Communication**

Prerequisites:

Take CJN 277, CJN 257

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process.

Term:

Offered Both Fall and Spring

- **CJN-458 Advanced Sports Public Relations**

Prerequisites:

CJN-258

Credits:

4.00

Description:

This course will also focus on theory and practice of effective sports public relations management including the development of sport, team and league specific public relations campaigns. The course will also focus on sports public relations in the context of the specific stakeholder relations in sports.

- **CJN-465 Film and Society**

Credits:

4.00

Description:

The study of the relationship between film and society. The course features filmmakers who emphasize political, historical, racial, gender, and other important social issues. Normally offered yearly. Revised Description A study of how cinema reflects, and reflects on, the values of the society in which it is produced. The course features films and filmmakers who emphasize political and social issues dealing with race, gender, sexuality, and other important concerns.

Term:

Occasional

- **CJN-466 Seminar in Media/Film**

Prerequisites:

Take CJN-288 CJN-291 and CJN-355; Senior standing required.

Credits:

4.00

Description:

Course merges theoretical and practical film studies approaches. Students revisit concepts learned in previous classes and apply them to advanced film analysis. Analysis incl. (re)creation of important film scenes or concepts, such as Eisenstein's five types of montage. (Capstone course, prereq. 288, 291, 355)

Term:

Occasional

- **CJN-467 Film Genres**

Credits:

4.00

Description:

Theories of genre as applied to a specific film genre, with a different genre each semester: i.e., screwball comedy, horror film, science fiction, the western the musical, film noir. This film may be taken for credit more than once.

Term:

Occasional

• CJN-470 Rhetoric & Global Context

Prerequisites:

CJN-216

Credits:

4.00

Description:

Rhetoric is the strategic use of symbols to create meaning. Films, television, music, and new media communicate these meanings. This course will explore how rhetorical messages shape our personal and cultural identities. Topics like gender, social networking, food, politics, religion and fashion will be explored.

• CJN-477 Public Relations IV: Campaigns

Prerequisites:

CJN-277 and CJN-377 and Senior Standing.

Credits:

4.00

Description:

Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an

actual client. Fulfills ECR requirement.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-H477 Public Relations IV Honors: Campaigns**

Prerequisites:

CJN 277 and CJN 377; Over 84 credits and by invitation only;

Credits:

4.00

Description:

HONORS SECTION. INVITATION ONLY! Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Type:

Expanded Classroom Requirement

- **CJN-479 Environmental Public Relations**

Credits:

4.00

Description:

An examination of the public issues involving the environment. Focuses on public relations strategies for government agencies, corporations and other organizations concerned with the environment. Normally offered yearly.

Term:

Offered Spring Term

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Credits:

4.00

Description:

This advanced class works together as a crew for the creation of a short narrative film shot in HD video. Under the direction of the professor students learn the process of making professional-quality work. Each student will be responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-482 Cultural Theory & Practice Cultural Theory & Practice**

Prerequisites:

CJN-216

Credits:

4.00

Description:

In a world of globalization and multiculturalism, communication is critical to understanding. This course will explore a variety of theoretical approaches to communication and apply them to specific contexts. Emerging trends in ethical, legal, political and social communication issues around the globe will be explored.

• CJN-483 Suffolk TV News

Prerequisites:

Take CJN 253 CJN 355 and either CJN 353 or CJN 361 or instructor's consent.

Credits:

4.00

Description:

Students write, direct, crew, edit and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• CJN-485 Rhetoric of Protest & Reform

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE, Diverse Perspectives

• **CJN-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics. Normally offered alternate years.

Term:

Occasional

• **CJN-490 Temple Street Project**

Prerequisites:

CJN-253. CJN-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

- **CJN-491 Special Topics in Communications**

Credits:

4.00

Description:

Current issues in the field of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Current issues in Public Relations. Normally offered yearly.

Term:

Offered Fall Term

- **CJN-493 Special Topics in Film**

Credits:

4.00

Description:

Specialized courses in film theory, history, criticism and genre. Normally offered yearly.

Term:

Occasional

- **CJN-496 Special Topics in Media Production**

Credits:

4.00

Description:

Specialized courses in writing, editing, producing, directing, and other facets of media production. Normally offered yearly.

Term:

Occasional

- **CJN-497 Special Topics in Media**

Credits:

4.00

Description:

Specialized courses in media trends, history, theory, and criticism. Normally offered yearly.

Term:

Occasional

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN Advisor consent

Credits:

1.00-12.00

Description:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• **CJN-505 Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and Internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• **CJN-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved research topic. Prerequisites: Senior CJN majors with an overall cumulative GPA of 3.0, and a major GPA of 3.4. 1 term; 4 credits. Normally offered yearly.

Term:

Offered Spring Term

- **CJN-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00-12.00

Description:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

- **CJN-2277 Public Relations I: Principles**

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues,trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

• **CJN-2355 Production I**

Credits:

4.00

Description:

The applied course provides students with a hands-on opportunity to examine practical methods of video production, including camera, audio, lighting and editing. Students are introduced to basic production concepts and apply those to their videos. Throughout the semester, they create a variety of projects in teams and individually.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• **CJN-3376 Public Relations II: Research**

Prerequisites:

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

This course examines the use of applied research that aids public relations practice. Students will design, analyze, and interpret research to address public relation planning and problem-solving.

• CJNI-3377 Public Relations Iii: Strategic Writing

Prerequisites:

CJNI-2277(formerly CJNI-277);

Credits:

4.00

Description:

An applied course that focuses on Public Relations research methods, the development of persuasive messages, and the selection, development and editing of appropriate materials used to communication with an organization's stakeholders.

Term:

Offered Both Fall and Spring

• CJNI-3455 Production II

Prerequisites:

CJNI-2355(formerly CJNI-355)

Credits:

4.00

Description:

Building on skills acquired in CJNI 252, students will use advanced equipment and production techniques to produce complex video projects in a variety of styles and genres, such as music video and film noir.

Term:

Offered Both Fall and Spring

- **CJN-4455 Production III**

Prerequisites:

CJN-3455(formerly CJN-455)

Credits:

4.00

Description:

This course builds on the theories and techniques developed in CJN 352, focusing on advanced concepts and skills needed to design and create professional-level media content for digital distribution. The course requires major production work, with the opportunity to develop and produce high quality material for student media portfolios in a variety of genres.

- **CJN-4477 Public Relations Iv: Campaigns**

Prerequisites:

CJN-2277(formerly CJN-277) and CJN-3377(formerly CJN-377) and Senior Standing.

Credits:

4.00

Description:

Examines Case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

2014-2015 Archived Catalog Information

Computer Science

The Department of Mathematics and Computer Science offers major and minor programs in computer science. The major program in computer science can prepare students for a wide variety of careers in science and industry, and serves as a firm foundation for graduate study in computer science. The minor program is intended to provide expanded career options for those who prefer to major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Computer Science Courses](#)

A student majoring in computer science must successfully complete 36 credits of coursework in computer science plus 20 credits of coursework in mathematics and science distributed as follows:

Computer Science: 9 courses, 36 credits

- CMPSC-F131 Computer Science I

Prerequisites:

Must be taken concurrently with CMPSC R131

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

Type:

Quantitative Reasoning

• CMPSC-F132 Computer Science II

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduce another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

Type:

Quantitative Reasoning

• CMPSC-F265 Data Structures & Algorithms

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Includes topics such as strings, stacks, queues, lists, trees, graphs, sorting, searching, hashing, dynamic storage allocation, and analysis of algorithms. Most programming will be done in the C language. Normally offered each semester.

Type:

Quantitative Reasoning

• CMPSC-F331 Object Oriented Programming

Prerequisites:

CMPSC-F265

Credits:

4.00

Description:

Object-Oriented Programming in C++ is taught using Trolltech's multi-platform Qt library and other open-source libraries and tools. Emphasis is placed on program design and code re-use. Topics include: encapsulation, inheritance and polymorphism, UML, refactoring, parent-child relationships, properties, event-driven programming, test cases, regular expressions, constraints, XML, design patterns, and graphical user interfaces. We deal with some operating system and programming environment issues and also with code packaging. C++ is a very large language, so we do not attempt to cover it all. Instead we work with a carefully selected subset of language elements that permits students to exploit the powerful Qt libraries and write robust, idiomatic, and interesting code. By the end of the course, the student should have a good command of C++, facility using and building libraries, an understanding and appreciation of the design patterns that we covered, and a well-established discipline of refactoring and code reuse.

Prerequisite: CMPSC F265 (which may be taken concurrently). Normally offered each semester.

Type:

Quantitative Reasoning

• CMPSC-F353 Architecture of Computer Systems

Prerequisites:

CMPSC F265.

Credits:

4.00

Description:

This course deals with the structure and operation of the major hardware components of a computer. Topics include basic logic design, basic datapath construction, basic pipelining, I/O system design, issues in memory hierarchy and network interface design. Normally offered each fall semester.

Type:

Quantitative Reasoning

- **CMPSC-F355 Operating Systems**

Prerequisites:

CMPSC F353 & CMPSC F265 and Working knowledge of C++.

Credits:

4.00

Description:

This course presents an overview of modern operating systems, from the points of view of an application developer and of a system developer. It covers process management, scheduling, concurrency management, multi-threading, memory management, and file system organization. Intensive programming assignments in the C language and in an assembly language help students to learn the POSIX application programming interface (API) and the low-level organization of a general-purpose operating system. Normally offered each spring.

Type:

Quantitative Reasoning

- **CMPSC-F363 Intro to Database Systems**

Prerequisites:

CMPSC 265 and MATH 285

Credits:

4.00

Description:

This is an introduction to the design and use of database systems --- systems that manage very large amounts of data. Topics covered include Entity-Relationship (E/R) data model, Relational data model, object-oriented model, and the conversion of E/R and relational models. We shall also learn some database languages, both concrete and abstract, including Structured Query Language (SQL), Object Query Language (OQL), relational algebra, etc. We will introduce the semistructured data, such as the popular Extensible Markup Language (XML), and their usage in database systems as well. The course is intended for computer science students who need to have an in-depth understanding of modern database systems. Normally offered each fall semester.

Type:

Quantitative Reasoning

One 4-credit computer science elective course at or above the 300 level

Complementary Major Requirements

Mathematics: 3 courses, 12 credits

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications(curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

Physics: 2 courses plus corresponding laboratory classes, 8 credits

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

For a suggested course sequence, visit the [Computer Science Department page](#).

2014-2015 Archived Catalog Information

Computer Science

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- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Computer Science Courses](#)

Minor Requirements: 5 courses, 20 credits

- CMPSC-F131 Computer Science I

Prerequisites:

Must be taken concurrently with CMPSC R131

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

Type:

Quantitative Reasoning

- **CMPSC-F132 Computer Science II**

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduce another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

Type:

Quantitative Reasoning

- **CMPSC-F265 Data Structures & Algorithms**

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Includes topics such as strings, stacks, queues, lists, trees, graphs, sorting, searching, hashing, dynamic storage allocation, and analysis of algorithms. Most programming will be done in the C language. Normally offered each semester.

Type:

Quantitative Reasoning

• CMPSC-F331 Object Oriented Programming

Prerequisites:

CMPSC-F265

Credits:

4.00

Description:

Object-Oriented Programming in C++ is taught using Trolltech's multi-platform Qt library and other open-source libraries and tools. Emphasis is placed on program design and code re-use. Topics include: encapsulation, inheritance and polymorphism, UML, refactoring, parent-child relationships, properties, event-driven programming, test cases, regular expressions, constraints, XML, design patterns, and graphical user interfaces. We deal with some operating system and programming environment issues and also with code packaging. C++ is a very large language, so we do not attempt to cover it all. Instead we work with a carefully selected subset of language elements that permits students to exploit the powerful Qt libraries and write robust, idiomatic, and interesting code. By the end of the course, the student should have a good command of C++, facility using and building libraries, an understanding and appreciation of the design patterns that we covered, and a well-established discipline of refactoring and code reuse.

Prerequisite: CMPSC F265 (which may be taken concurrently). Normally offered each semester.

Type:

Quantitative Reasoning

Choose one 4 credit Computer Science elective course at or above the 200 level.

2014-2015 Archived Catalog Information

Computer Science

The Department of Mathematics and Computer Science offers major and minor programs in computer science. The major program in computer science can prepare students for a wide variety of careers in science and industry, and serves as a firm foundation for graduate study in computer science. The minor program is intended to provide expanded career options for those who prefer to major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Computer Science Courses](#)

Computer Science majors who have an overall GPA of 3.0 or better and a GPA of 3.0 or better in the major will be eligible for honors. To achieve honors a student must do any two of the following three:

- Software development internship
- Senior project
- 1-credit specialty Computer Science course

2014-2015 Archived Catalog Information

Computer Science

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Computer Science Courses](#)

- **CMPSC-310 Introduction to Data Science**

Prerequisites:

CMPSC-F132 and 1 of the following: STATS-240, STATS-250, MATH-134, MATH-165, or MATH-255.

Credits:

4.00

Description:

The field of data science is emerging at the intersection of the fields of social science and statistics, information and computer science and design. Data science involves using automated methods to analyze massive amounts of data and to extract knowledge from them. This course serves as a project-based introduction to data science in Python language, covering data organization and retrieval, statistical data processing and data visualization.

- **CMPSC-400 Senior Project in Computer Science**

Prerequisites:

Instructor permission required;

Credits:

4.00

Description:

Students specify, design and implement a software system.

- **CMPSC-401 Erlang Programming With Applications**

Prerequisites:

CMPSC-F132 & Permission of the Instructor

Credits:

1.00

Description:

Erlang is a general-purpose, concurrent, functional programming language. It is designed to support distributed, fault-tolerant, soft-real-time, non-stop applications in the areas of telecommunications, online video games, social networking, high-performance Web development and databases. This course covers the language foundations, as well as intermediate topics such as distributed communications, client-server systems, and working with ETS tables and Mnesia database. Special attention will be paid to recursive and asynchronous programming, which are the two core principles of the language.

- **CMPSC-501 Software Development Internship**

Prerequisites:

CMPSC-F131, CMPSC-F132, and 1 CMPSC course at 200, 300 or 400 level. Prior to registration, student must submit credit approval form and gain faculty approval.

Credits:

2.00- 4.00

Description:

Student works in a qualified software development setting to gain practical experience in modern industrial software development. Student will apply lessons learned in the classroom within a supervised, professional development while developing a greater understanding of the job expectations and organizational culture. Internship may be taken for 2-4 academic credit hours, at 4 hours of company work per week per each credit. Additional academic reports will be required. Students may take more than one internship, but the total number of credits applied toward graduation cannot exceed 12.

Type:

Expanded Classroom Requirement

- **CMPSC-510 Computer Science Independent Study**

Credits:

1.00- 4.00

Description:

Guided study on a topic at an advanced level.

Type:

Quantitative Reasoning

- **CMPSC-F107 Ants, Rumors and Gridlocks**

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGNR,Quantitative Reasoning

• CMPSC-F118 Computing With Words

Credits:

4.00

Description:

This course introduces students to aspects of Natural Language Processing involving computer-based analysis and comparison of texts written in natural languages (English and others). In addition to introductory computer programming in Python, the course also covers some basic statistics concepts. Intended for students at all levels.

Type:

Quantitative Reasoning

• CMPSC-F120 Programming for the World Wide Web

Credits:

4.00

Description:

This is a hands-on course aimed at non-CS students who want to learn how to build interesting and interactive web pages. We do not use any drag-and-drop software for this purpose. Instead we cover the basics of HTML and PHP and, if time permits, we look at some ways of building web pages that interact with databases. Each student will have, for the duration of the course, an account on a server that permits individuals to have web pages that are visible on the World Wide Web.

Type:

- **CMPSC-F124 Game Programming**

Credits:

4.00

Description:

This course introduces students to computer game development, including, but not limited to, game programming. We use Game Maker, a framework for personal computers that runs equally well on XP, Vista, and Linux. We learn about the foundational concepts of two-dimensional (flat) games: graphics, sound, objects, actions, rooms, scores, levels, multiplayer support, artificial intelligence, and more. Game Maker has an intuitive interface that makes game development approachable for everyone, including those who have never written a single game or a single computer program. All games created by Game Maker can be saved as standalone applications and can be shared freely with classmates, friends, and family. This is not a course in graphics design, audio editing, or scriptwriting. Students are encouraged to use their creativity and imagination to design games and the correctness of game implementation is stressed throughout the course.

Type:

Quantitative Reasoning

- **CMPSC-F130 Game Programming II**

Prerequisites:

CMPSC-F124;

Credits:

4.00

Description:

This course will be a continuation of CMPSC 124 and go more in-depth into coding and the designing of different types of games or applications. Using the Game Maker framework, students will challenge their creativity by developing strategy, isometric, and platform scrolling games, among others. In this class, students will go beyond the drag and drop options of Game Maker and explore the possibilities within the Game Maker Language (GML), creating more complex games. We will make GUIs, program audio engines, and experience the rich learning process of taking a game from inspiration through implementation.

Type:

Quantitative Reasoning

- **CMPSC-F131 Computer Science I**

Prerequisites:

Must be taken concurrently with CMPSC R131

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

Type:

Quantitative Reasoning

- **CMPSC-F132 Computer Science II**

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduce another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated

Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

Type:

Quantitative Reasoning

• CMPSC-F253 Assembly Language and Computer Structure

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Introduction to computer architecture and machine language programming, internal representation of data and programs, and assembly language programming. Machine and assembly language implementations of constructs from higher-level languages such as C (including recursion and floating-point arithmetic) are studied.

Type:

Quantitative Reasoning

• CMPSC-F265 Data Structures & Algorithms

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Includes topics such as strings, stacks, queues, lists, trees, graphs, sorting, searching, hashing, dynamic storage allocation, and analysis of algorithms. Most programming will be done in the C language. Normally offered each semester.

Type:

Quantitative Reasoning

- **CMPSC-F331 Object Oriented Programming**

Prerequisites:

CMPSC-F265

Credits:

4.00

Description:

Object-Oriented Programming in C++ is taught using Trolltech's multi-platform Qt library and other open-source libraries and tools. Emphasis is placed on program design and code re-use. Topics include: encapsulation, inheritance and polymorphism, UML, refactoring, parent-child relationships, properties, event-driven programming, test cases, regular expressions, constraints, XML, design patterns, and graphical user interfaces. We deal with some operating system and programming environment issues and also with code packaging. C++ is a very large language, so we do not attempt to cover it all. Instead we work with a carefully selected subset of language elements that permits students to exploit the powerful Qt libraries and write robust, idiomatic, and interesting code. By the end of the course, the student should have a good command of C++, facility using and building libraries, an understanding and appreciation of the design patterns that we covered, and a well-established discipline of refactoring and code reuse.

Prerequisite: CMPSC F265 (which may be taken concurrently). Normally offered each semester.

Type:

Quantitative Reasoning

- **CMPSC-F333 Organization of Programming Languages**

Prerequisites:

CMPSC F253, F265

Credits:

4.00

Description:

An introduction to functional programming and to the meaning and implementation of various programming language features. The course begins with a brief introduction to the Scheme language, which is then used to write interpreters for small languages that contain features typical of larger, more realistic languages. Normally offered each spring semester.

Type:

Quantitative Reasoning

- **CMPSC-F345 Software Engineering**

Credits:

4.00

Description:

This course introduces the fundamental principles of software engineering. Requirement specification and life cycles are emphasized. Topics include requirements analysis and specification, analysis and design, architecture, implementation, testing and quality, configuration management.

Professional ethics considerations will be explored and emphasized throughout the course. Prerequisite: CMPSC F265. 1 term - 4 credits. Normally offered each year.

Type:

Quantitative Reasoning

- **CMPSC-F353 Architecture of Computer Systems**

Prerequisites:

CMPSC F265.

Credits:

4.00

Description:

This course deals with the structure and operation of the major hardware components of a computer. Topics include basic logic design, basic datapath construction, basic pipelining, I/O system design, issues in memory hierarchy and network interface design. Normally offered each fall semester.

Type:

- **CMPSC-F355 Operating Systems**

Prerequisites:

CMPSC F353 & CMPSC F265 and Working knowledge of C++.

Credits:

4.00

Description:

This course presents an overview of modern operating systems, from the points of view of an application developer and of a system developer. It covers process management, scheduling, concurrency management, multi-threading, memory management, and file system organization. Intensive programming assignments in the C language and in an assembly language help students to learn the POSIX application programming interface (API) and the low-level organization of a general-purpose operating system. Normally offered each spring.

Type:

Quantitative Reasoning

- **CMPSC-F363 Intro to Database Systems**

Prerequisites:

CMPSC 265 and MATH 285

Credits:

4.00

Description:

This is an introduction to the design and use of database systems --- systems that manage very large amounts of data. Topics covered include Entity-Relationship (E/R) data model, Relational data model, object-oriented model, and the conversion of E/R and relational models. We shall also learn some database languages, both concrete and abstract, including Structured Query Language (SQL), Object Query Language (OQL), relational algebra, etc. We will introduce the semistructured data, such as the popular Extensible Markup Language (XML), and their usage in database systems

as well. The course is intended for computer science students who need to have an in-depth understanding of modern database systems. Normally offered each fall semester.

Type:

Quantitative Reasoning

- **CMPSC-F375 Introduction to Computer Networks**

Prerequisites:

CMPSC F331 and CMPSC F353

Credits:

4.00

Description:

This course explores the fundamentals of computer networks, protocols and layering, applications and their implications to everyday networking life. Normally offered in spring.

- **CMPSC-F541 Advanced Databases**

Credits:

4.00

Description:

This course is an advanced continuation of Intro to Database Systems (CMPSC F363)

Type:

Quantitative Reasoning

- **CMPSC-R120 Programming for WWW Recitation**

Credits:

0.00

Description:

Taken simultaneously with CMPSC 120. Students work with lab instructors to do work that enhances the course understanding. Such work can include practice problems, supervised programming time, as well as question-answer time and group project work. The hybrid version of the recitation: Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. On alternate weeks students do individual programming and reading.

• CMPSC-R131 Recitation from Computer Science I

Prerequisites:

Must be taken concurrently with CMPSC F131

Credits:

0.00

Description:

Taken simultaneously with CMPSC 131. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems and programming, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

• CMPSC-R132 Recitation for Computer Science II

Prerequisites:

Must be taken concurrently with CMPSC 132

Credits:

0.00

Description:

Taken simultaneously with CMPSC 132. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems and programming, homework problems and sometimes

quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

2014-2015 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Economics](#)
- [Societies](#)
- [Economics Courses](#)

The department offers a BA and BS in economics.

Required Courses: 7 courses, 28 credits

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the

prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-350 Applied Statistical Methods**

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-490 Senior Seminar in Economics**

Prerequisites:

Senior Standing; Or permission of Undergraduate Director.

Credits:

4.00

Description:

This is a required course for all students majoring in economics, to be taken in the spring semester of their senior year. Students are required to develop an economic thesis project in consultation with the professor for the course and to present it to the class.

Type:

BSJ SOCIAL SCIENCE, Social Science

Elective Courses: 3 courses, 12 credits

Any three Economics courses, of which at least two are at the 300- or 400-level

Major in International Economics

The Department of Economics offers jointly, with the Department of World Languages and Cultural Studies, the [BA and BS in International Economics](#).

2014-2015 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Economics](#)
- [Societies](#)
- [Economics Courses](#)

Required Courses: 6 courses, 24 credits

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and

imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-102 Global Macroeconomics

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

Choose one of the following:

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

Choose two economics courses of which at least one is at the 300- or 400-level (STATS-350 can be substituted for one of the courses).

2014-2015 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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- [Accelerated Bachelor's/Master's Degree in Economics](#)
- [Societies](#)
- [Economics Courses](#)

This program provides an accelerated path for undergraduate economics majors to obtain a Master's degree in Economics. Students are allowed to take up to two master-level courses in their senior year. For each of these graduate courses taken, the student's undergraduate total credit requirement will be reduced by four credits.

Undergraduate students majoring in Economics (BS or BA) or International Economics (BS or BA), can apply for this joint degree program. Applicants must have completed the first semester of their junior year at Suffolk University with an overall GPA of 3.0 or higher and a GPA of 3.3 or higher in at least three economics major courses taken at Suffolk. Application deadline is June 15th of the junior year. However, students may apply until November 1st of the senior year if they want to enroll for graduate courses in the second semester of their senior year.

Each student admitted to this joint degree program must meet all the requirements of one of the undergraduate degree programs (BS in Economics, BA in Economics, BS in International Economics, or BA in International Economics). In addition, the student must meet all the requirements of one of the master's degree programs (MSE or MSIE). Upon successful completion of all of the degree requirements, a student will be conferred one joint degree.

A student may permanently exit the joint degree program and opt to graduate with a bachelor's degree if all the requirements of a bachelor's degree are met, in which case each of the two graduate courses taken in the senior year would be counted as a four-credit course.

2014-2015 Archived Catalog Information

Economics

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

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- [Societies](#)
- [Economics Courses](#)

Omicron Delta Epsilon

Membership in Omicron Delta Epsilon, the international honor society in economics, is open to juniors, seniors, and graduate students who have a grade point average of "B" or higher in at least four economics courses and who have maintained an overall grade point average of "B" or higher. Members receive a certificate recognizing their scholastic achievement and have the opportunity to enter an economics essay contest.

Suffolk Economic Association

Membership in the Suffolk Economic Association is open to all members of the university community. The association sponsors lectures and seminars on economic issues and on careers in Economics.

2014-2015 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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- [Societies](#)
- [Economics Courses](#)

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-H101 Honors Principles of Microeconomics**

Prerequisites:

Honors Section Only : GPA of 3.3 or higher required.

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; the analysis of consumer demand and profit maximizing behavior of business; examination of pricing and output decisions under conditions of competition, monopoly and imperfect competition. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, competition and monopoly. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of

government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-H102 Honors Global Macroeconomics**

Credits:

3.00

Description:

The measurement of economic growth; introduction to the theory of determination of national income and the price level; unemployment and inflation; theories on economic growth and the role of labor and capital in economic growth; functioning and impact of the monetary system; analysis of monetary and fiscal policies for economic stabilization; international transactions and their influence on the domestic economy. Prerequisites: GPA of 3.2 or higher. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-122 Poverty and Inequality**

Credits:

4.00

Description:

This course looks at economic inequality, with a particular focus on those in the United States who have low or no incomes - the poor. Measures inequality, identifies the poor, and considers a variety of explanations for poverty. Evaluates the purposes and effects of a range of public policies that might help alleviate poverty. Since race and gender play prominent roles in discussions of poverty, this course also considers issues pertaining to race and gender discrimination, and so examines the economics of both poverty and of discrimination. Cultural Diversity A.

Type:

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies, BSJ SOCIAL SCIENCE

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, Asian Studies

• EC-311 Intermediate Micro Theory

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science, BSJ SOCIAL SCIENCE

• EC-312 Intermediate Macro Theory

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-331 History of Economic Thought**

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-340 Economics of Energy and Natural Resources**

Prerequisites:

Take EC-101;

Credits:

4.00

Description:

This course applies economic analysis to identify the origins, consequences, and policy implications of problems related to renewable and non-renewable natural resources, with particular attention to energy. Resources considered include forests, fisheries, water, minerals, and land. Energy resources covered include oil, gas, coal, nuclear, and alternatives (wind, solar, biomass, hydrogen, etc.), as well as electricity. Concepts examined include externalities, learning-by-doing, peak-load pricing, regulation, sustainability, cost-benefit analysis, and the commons problem.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **EC-420 Special Topics in Economics**

Credits:

4.00

Description:

Special Topics course. Topic varies semester to semester.

- **EC-421 Public Economics: Tax and Budget**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The theory of tax policy and tax structure. The effects on economic behavior (including labor supply, saving, risk-taking and investment, charitable giving, and growth) of different taxes (income, sales, value-added, inheritance, wealth, property). Tax equity, efficiency and incidence, in the United

States and in comparative perspective. Additional topics include modeling state taxes; social security and pensions; and tax compensation. Normally offered yearly.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-423 Economics of Regulation

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines regulation and analyzes the structure, conduct, and performance of American industry. Monopoly and strategic behavior in oligopoly and monopolistic competition are considered. U.S. antitrust law and the effect of regulatory laws on industrial performance are explored. Regulatory practices, rate setting, deregulation, public-enterprise pricing, and issues in privatization are examined, with an emphasis on case studies and policy analysis. Normally offered every other year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-430 International Trade Theory & Policy

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-431 Managerial Economics

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This is an applied course in microeconomics. The focus is on the application of economic theory and methods to examine how an organization can achieve its objectives most efficiently. Various economic tools that are frequently used in solving managerial problems will be presented. Topics include optimization techniques applied to demand and production functions, linear programming, risk analysis and portfolio theory. Normally offered every year.

Type:

Quantitative Reasoning

• EC-431 History of Economic Thought

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism

and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-433 Public Choice**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course considers the degree to which it is possible to explain, predict, and guide political decision through the application of economic analysis. The course is organized around two competing visions of public choice: (1) a traditional organic approach that sees the core problem for public choice as requiring the maximization of social welfare and (2) a newer contractual approach that sees that problem as requiring attention to the institutional framework within which political decisions are made. Topics to be considered include the Arrow paradox and other problems in aggregating individual choices, rent-seeking, the Leviathan hypothesis, and non- market demand-revealing methods.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-435 Economics of Energy and Natural Resources**

Prerequisites:

Take EC-101;

Credits:

4.00

Description:

This course applies economic analysis to identify the origins, consequences, and policy implications of problems related to renewable and non-renewable natural resources, with particular attention to energy. Resources considered include forests, fisheries, water, minerals, and land. Energy resources covered include oil, gas, coal, nuclear, and alternatives (wind, solar, biomass, hydrogen, etc.), as well as electricity. Concepts examined include externalities, learning-by-doing, peak-load pricing, regulation, sustainability, cost-benefit analysis, and the commons problem.

Type:

BSJ SOCIAL SCIENCE, Social Science

• EC-440 International Financial Economics

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course is a combination of International Finance and Corporate Finance and designed to give students a strong foundation in the theory and practice of multinational financial management. Course materials include (a) basics of corporate finance and capital asset pricing, (b) foreign currency futures, (c) derivative securities in foreign exchange markets such as currency futures, options, swaps, (d) exchange risk management for multinational corporations, (e) global capital markets and financial crisis.

• EC-442 International Monetary Economics

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-445 The Economics of the European Union**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

An economic analysis of the European Union, the history of European monetary and economic integration. and the creation of the Euro. A survey of the development and evolution of key European policies, such competition, industry, agriculture, environment, regional, etc. A discussion of economic implications of the enlargement of the European Union, as well as its trade relations with the U.S. and other countries within the context of the World Trade Organization.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-450 Applied Econometrics**

Prerequisites:

STATS-250 or permission of instructor

Credits:

4.00

Description:

This course begins with a brief review of statistical methods, including probability theory, estimation, and hypothesis testing. This background is used in the construction, estimation, and testing of econometric models. The consequences of a misspecified model, where the assumptions of a classical regression model are violated, are studied and the appropriate remedial measures are suggested. Other topics include dummy variables, binary

choice models, and autoregressive models. Emphasis is on applied aspects of econometric modeling. There is extensive use of statistical software for data analyses. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-460 Game Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

Type:

Quantitative Reasoning

- **EC-483 Money, Banking & Financial Markets**

Prerequisites:

EC 101, EC 102

Credits:

4.00

Description:

This course examines the role of depository institutions and the Federal Reserve system in determining the supply of money. The course also explains the financial environment and the role of monetary policy decisions on changes in price, interest rates, money, and economic activity. The course provides the student with both theoretical and applied analysis. Prerequisites: EC 101, EC 102.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-490 Senior Seminar in Economics**

Prerequisites:

Senior Standing; Or permission of Undergraduate Director.

Credits:

4.00

Description:

This is a required course for all students majoring in economics, to be taken in the spring semester of their senior year. Students are required to develop an economic thesis project in consultation with the professor for the course and to present it to the class.

Type:

BSJ SOCIAL SCIENCE,Social Science

- **EC-503 Internship in Economics**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Approximately 12 hours per week working in a position designed to give the student responsibility and a learning opportunity in economics. Interested students should consult the instructor in advance.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-504 Economic Competitiveness: Theory and Practice**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

This course examines the concept of economic competitiveness among nations and states and its usefulness to policymakers seeking to improve economic conditions. The emphasis will be on state-based economic competitiveness. We will read the current literature on economic growth and competitiveness and explore the current controversy surrounding the shortcomings of business climate indices. Special attention will be given to Beacon Hill Institute's index which attempts to identify the states with the sets of policies that sustain long-term economic growth and sustainable high incomes for citizens. The student will apply a stress test to the BHI index identifying its strengths and weaknesses. To learn how the index is used by professionals, the student will also compare the index against similar measures and interview at least two practitioners on how their states apply the index. The student will meet regularly with her advisor and submit a research paper and a professional memorandum advising BHI on how best to improve the index.

Type:

Expanded Classroom Requirement

- **EC-510 EC Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Independent study in economics

Type:

Social Science,BSJ SOCIAL SCIENCE

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

• STATS-H250 Honors Applied Statistic

Prerequisites:

MATH 130, 134, 146, or 165; Honors Course; GPA of 3.2

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial

and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Quantitative Reasoning

• STATS-350 Applied Statistical Methods

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

2014-2015 Archived Catalog Information

Education Studies

- [Minor in Education Studies](#)
- [Education Studies Courses](#)

Education Studies Minor Requirements: 5 courses, 20 credits

Core Requirements (2 courses, 8 Credits)

- EDUC-110 Introduction to Education

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

Type:

Social Science

- EDUC-202 Educational Psychology

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

Type:

Social Science

Elective Courses (3 courses, 12 credits)

Choose 3 courses, at least one of which must be a 300-level course:

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-209 Reading and Writing in the Classroom**

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading and writing in the content areas. This course is designed for teaching the necessary literacy skills in both Middle School and High School. Topics include: formal and informal assessment techniques, differentiation of instruction, diagnosing problems and integrating reading and writing into curriculum and instruction.

- **EDUC-214 Introduction to Teaching**

Credits:

4.00

Description:

This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Social Science

- **EDUC-311 Curriculum and Pedagogy: Middle School**

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle School teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching. Normally offered yearly.

Type:

- **EDUC-312 Curriculum and Pedagogy: Middle and Secondary School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-313 Classroom Communication**

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-416 Practicum: Secondary School Teaching**

Prerequisites:

Instructor's or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a secondary school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-417 Assessment Theory and Practice**

Credits:

4.00

Description:

This course examines the development of formative, summative, authentic, and alternative assessment in education. Seminal works by Archbald, Baron, Bloom, Kleinsasser, Schwab, and others comprise the theoretical component. The second half of the course is dedicated to the selection, application, and integration of formal and informal assessment strategies and tools. A final project requires students to design an assessment tool appropriate for their academic area and age level. Instructional strategies include case studies, class discussions, student presentations, and research reviews.

Term:

Offered Fall Term

Type:

Social Science

- **EDUC-424 Global Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

Type:

Social Science

- **EDUC-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.

Type:

Social Science

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

• SOC-209 Youth in American Society

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

• SOC-232 Street Gangs

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

Type:

Cultural Diversity Opt A

- **SOC-244 Social Work With Families**

Credits:

4.00

Description:

This course will provide an in-depth analysis of family dynamics as well as some beginning skills in counseling families. Using a systems approach, students will learn about family roles, sibling constellations and different types of families. The importance of ethnicity and culture in shaping family values and organization will be emphasized. Students will be encouraged to study their own families of origin so they might better understand how families change.

Term:

Occasional

- **SOC-276 Sex and Society**

Credits:

4.00

Description:

An examination of human sexuality as experience and institution. Sexuality is considered in relationship to power, love, religion, family, race, gender, sexual orientation, violence and courtship.

Term:

Occasional

- **SOC-308 Sociology of Education**

Credits:

4.00

Description:

Education is key in a democracy in which students need to develop themselves into knowledgeable people, with a strong sense of self, able to think critically with a developed ability to question others and to feel and act as empowered, active citizens. This is a tall order given the varieties of pressures on schools these days. But it is extremely important for these skills to be developed. With the shift in the economy, schools are going to be the critical factor in enabling students to compete in a globalized workplace and world.

- **SOC-322 Tough Guise**

Credits:

4.00

Description:

Representations of masculinity in contemporary societies are examined in terms of their social sources and consequences. Images and scripts for doing masculinity are explored through case studies of film, television, sports, advertising, comic books, video games, music and other media that define what it means to be a man.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-337 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-343 Child Welfare Services**

Credits:

4.00

Description:

A survey of the historical development and current composition of services for children, including income maintenance, daycare, foster and institutional care and the adoption process.

Term:

Occasional

- **SOC-344 Community Organization**

Credits:

4.00

Description:

A study of the different types and functions of communities. Through identifying community needs, resources, and structure, students learn effective ways to organize for change.

Students majoring in Sociology may only double count 1 sociology course within the Education Studies minor.

2014-2015 Archived Catalog Information

Education Studies

- [Minor in Education Studies](#)
- [Education Studies Courses](#)

- EDUC-110 Introduction to Education

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

Type:

Social Science

- EDUC-202 Educational Psychology

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-209 Reading and Writing in the Classroom**

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading and writing in the content areas. This course is designed for teaching the necessary literacy skills in both Middle School and High School. Topics include: formal and informal assessment techniques, differentiation of instruction, diagnosing problems and integrating reading and writing into curriculum and instruction.

- **EDUC-214 Introduction to Teaching**

Credits:

4.00

Description:

This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Social Science

• EDUC-311 Curriculum and Pedagogy: Middle School

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle School teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching. Normally offered yearly.

Type:

Social Science

• EDUC-312 Curriculum and Pedagogy: Middle and Secondary School

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-313 Classroom Communication**

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-416 Practicum: Secondary School Teaching**

Prerequisites:

Instructor's or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a secondary school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-417 Assessment Theory and Practice**

Credits:

4.00

Description:

This course examines the development of formative, summative, authentic, and alternative assessment in education. Seminal works by Archbald, Baron, Bloom, Kleinsasser, Schwab, and others comprise the theoretical component. The second half of the course is dedicated to the selection, application, and integration of formal and informal assessment strategies and tools. A final project requires students to design an assessment tool appropriate for their academic area and age level. Instructional strategies include case studies, class discussions, student presentations, and research reviews.

Term:

Offered Fall Term

Type:

Social Science

- **EDUC-424 Global Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

Type:

Social Science

- **EDUC-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.

Type:

Social Science

2014-2015 Archived Catalog Information

Electrical Engineering

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Electrical Engineering Courses](#)

Major Requirements: 96 credits

Requirements are divided into three basic categories:

- Computer Science Requirement (4 hours)
- Math and Basic Science Requirements (32 hours)
- Engineering Requirements (61 hours)

A listing of the required courses is provided below.

All Electrical Engineering courses are accompanied by a laboratory. The analysis and design features of the laboratory exercises help to bridge the theoretical and practical aspects of electrical engineering. A competent engineer should be proficient in both areas.

Within the engineering curriculum are two major course groups. The "ECE" courses (Electrical and Computer Engineering) have as their primary focus the electrical engineering field. The "ENS" courses (Engineering in Science) involve general topics.

Upper-level courses in engineering depend heavily on foundation courses; therefore, a grade of "C" is required in all prerequisite courses in order to enroll in ECE required courses to maximize a student's chances of success in mastering the material.

Students are expected to take at least two elective courses in the EE field (either of ECE or ENS format).

Engineering Topics (61 Credits)

- ECE-101 Digital Electronics

Prerequisites:

ECE L101 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

This course introduces the elements and tools of digital design. The course covers Boolean algebra, Karnaugh maps, Logic gates and digital circuits, analysis and design of combinational and sequential circuits, and timing issues. Adders, decoders, multiplexers, flip-flops, counters, and registers are implemented using TTL or CMOS ICs as well as VHDL-programmed FPGAs. Formerly ECE 203

Term:

Offered Fall Term

- **ECE-L101 Digital Electronics-Lab**

Prerequisites:

ECE 101 MUST BE TAKEN CONCURRENTLY.

Credits:

1.00

Description:

Illustrates the concepts of ECE-101. Exercises in various forms of Combinational and Sequential Logic design. Use of test equipment. Design projects will include a digital security system, use of PSPICE to verify feasibility of some designs. FPGA board citing Xilinx, software development tools from Xilinx and other third parties are introduced. Offered yearly. Formerly ECE L203

Term:

Offered Fall Term

- **ENS-103 Introduction to Engineering**

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It

is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ECE-105 Circuit Theory I

Prerequisites:

ECE L105 must be taken concurrently; MATH 165 may be taken concurrently

Credits:

3.00

Description:

Basic elements and analysis techniques of DC circuits. Coverage includes resistors, capacitors, inductors, and sensors ; independent and dependent sources. Ohm's law, power, energy, and power transfer. Kirchoff's voltage and current laws; Nodal and Loop analyses; Thevenin and Norton equivalents; step and transient responses of first-order systems; time constants. Emphasis on functional circuits. Prerequisite: Must be taken concurrently with ECE L105. Must take MATH 121(must have a minimum grade of C in preqs.) 1 term - 3 credits.

Term:

Offered Spring Term

• ECE-L105 Circuit Theory Lab I

Prerequisites:

ECE 105 must be taken concurrently

Credits:

1.00

Description:

The Circuit Theory Lab I is designed to supplement the Circuit Theory I course.

Term:

Offered Spring Term

- ENS-L202 Technical Communication

Prerequisites:

WRI-102, PHYS 152 AND L152;

Credits:

4.00

Description:

Emphasis on clarity, precision, accuracy, and conciseness in scientific writing. Assignments include a team-based design-contest proposal, an oral presentation on current scientific topics, a team-based design of an experiment with a write-up and an oral presentation, a paper on engineering ethics concerning the Challenger and an instruction manual. Memo writing, summary writing, and resumes are also included.

Term:

Offered Fall Term

- ECE-205 Circuit Theory II

Prerequisites:

ECE 105 with C or better; MATH 166 & PHYS 152 concurrently

Credits:

3.00

Description:

Analysis and design of lumped networks. Resistive elements, superposition, nodal analysis, dependent sources, equivalence theorems. Energy storage in elements, dynamics of first and second order networks, transient responses, phasors, sinusoidal steady state analysis, steady state power analysis, three phase power circuits. Offered yearly.

Term:

Offered Fall Term

- **ECE-L205 Circuit Theory II Lab**

Prerequisites:

ECE 205 MUST BE TAKEN CONCURRENTLY

Credits:

1.00

Description:

Illustrates the concepts of ECE 205. Simulations with PSPICE, LABVIEW, NXT Robotics, INCSYS Power Simulator, Mathematica; construction and design. First order, second order transients, ideal and non-ideal transformer circuits, sinusoidal steady state circuits, power grid simulation. Offered yearly.

Term:

Offered Fall Term

- **ECE-206 Solid State Devices and Circuits**

Prerequisites:

ECE L206 must be taken concurrently; ECE 205(must have a minimum grade of C in preqs.)

Credits:

3.00

Description:

Review of Thevenin and Norton Equivalent circuits. Frequency Domain analysis and Bode Plots. Representation of an active device by its Gain, Input and Output Resistance. Thorough coverage of op amps - circuits, applications, and inherent limitations. Introduction to semiconductor physics and the PN junction. Diode circuits, applications, and models. Zener diodes and power supplies. Ripple estimations. The Bipolar Junction Transistor - large and small signal analyses. Active, cutoff, and saturation region characterization. Hybrid Pi and T models. Basic transistor configurations - common collector, common base, and common emitter - along with their characteristics, applications, and tradeoffs. Estimation of bandwidth using open circuit time constants. Prerequisite: ECE 205. Must have at least a C in this. Co-requisite: ECE L206

Term:

Offered Spring Term

• ECE-L206 Solid State Devices & Circuits Lab

Prerequisites:

ECE 206 must be taken concurrently

Credits:

1.00

Description:

The Solid State Devices & Circuits Lab is designed to supplement the Solid State Devices & Circuits course.

Term:

Offered Spring Term

• ECE-306 Solid State Devices, Power and Circuits

Prerequisites:

ECE-206 with a minimum grade of C. ECE L306 concurrently

Credits:

3.00

Description:

Continuation of Solid State Dev & Circuits I, with emphasis on MOSFET field effect transistors; Physical structure, I-V characteristics, modeling, use as a switch and CMOS inverter, biasing circuits, and basic amplifier configurations - common drain, common gate, and common source. Differential Amplifiers - BJT and MOSFET implementations, along with small and large signal analysis. Multistage circuits, active loads. Design of current source and current mirrors. Internal capacitance and high frequency limitations. Low midband, and high frequency analyses of transistor amplifiers. Miller effect. Open and Short Circuit Time Constants. Cascade and Cascode configurations. Frequency response of amplifiers. Significant circuit design activities. Course tightly coupled to ECE-L306.

Term:

Offered Fall Term

• ECE-L306 Solid State Devices, Power and Circuits Lab

Prerequisites:

ECE 306 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 306. Exercises that help meld the practical aspects with the theoretical concepts taught in ECE 306. Biasing and design of MOSFET amplifiers. Construction of differential and multistage amplifiers. Investigation of different current source implementations. Simulation of bandwidth improvement using Cascode structures. Course concludes with a multistage design challenge using MOSFETs to reach a specified gain, output impedance and bandwidth objective provided by the instructor.

Term:

Offered Spring Term

• ECE-325 Statistics for Engineering and Science

Prerequisites:

MATH 166 with a minimum grade of C; Must take ECE L325 concurrently

Credits:

3.00

Description:

Understanding the fundamentals of probability and statistics of experimental data. Measures of central tendency, variation, probability, events, Bayes Rule, discrete and continuous random variables, discrete and continuous distributions including the binomial distribution, normal distribution, chi-square distribution and student distribution, covariance, central limit theorem, hypothesis testing, linear regression, signal processing statistics (EE students), categorical data analysis (non-EE students). Use of Mathematica's statistical packages central to this course. Final project is a project with Biology measuring rat whisker resonance.

Term:

Offered Spring Term

- ECE-L325 Statistics for Engineering and Science Lab

Prerequisites:

ECE L325 MUST BE TAKEN WITH ECE 325

Credits:

1.00

Description:

The Engineering Statistics and Probability lab is designed to supplement the Engineering Statistics and Probability course.

Term:

Offered Spring Term

- ECE-403 Applied Electromagnetics

Prerequisites:

ECE 205 and MATH 265 with a minimum grade of C; ECE L403 must be taken concurrently

Credits:

3.00

Description:

Electrostatics and magnetostatics, including Coulomb's law, Gauss's law, Biot-Savart law and Ampere's law, vector operations in rectangular, cylindrical, and spherical coordinates, divergence theorem and Stokes theorem, electric fields in materials, Lorentz force, magnetic torque, Faraday's law, Maxwell's equation, wave propagation, transmission lines with Smith charts, rectangular waveguides, Hertzian dipole antenna; examples related to power when applicable.

Term:

Offered Spring Term

- **ECE-L403 Applied Electromagnetics Lab**

Prerequisites:

Must be taken concurrently with ECE 403

Credits:

1.00

Description:

The Applied Electromagnetics Lab is designed to supplement the Applied Electromagnetics course.

Term:

Offered Spring Term

- **ECE-410 Communication Systems**

Prerequisites:

ECE 206, ECE 225 and MATH 265 with a minimum grade of C; L410 concurrently

Credits:

3.00

Description:

Coverage of a variety of basic communication systems, their theory of operation, and the analysis of their performance. Review of linear systems, Fourier and Laplace Transforms, and Frequency Domain analysis as needed. Graphical convolution of analog signals. Digital Baseband modulation techniques. Receiver design with an introduction to Stochastics. Digital Bandpass modulation and demodulation techniques. Analog communication systems including AM, FM, and PM approaches. Consideration of Noise and the resultant system performance. Multiplexing and information compression. ECE 410 and ECE L410 must be taken concurrently.

• ECE-L410 Communications Systems Lab

Prerequisites:

ECE 410 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 410. Exercises will focus both on communication system components and in the construction of a complete communication system. Introduction to FSK, DTMF, Phase lock loops, AM and FM modulation, oscillators, A/D and D/A conversion and the Nyquist rate. Wireless transmissions. Troubleshooting of non-working systems. Students have flexibility in the design and construction a full communication system which includes digitization, rearrangement in parallel and serial formats, transmission over a distance, and reconstruction back to its original analog form.

• ECE-414 Senior Project Proposal

Prerequisites:

Take ECE-101, ECE-206, MATH-165;

Credits:

1.00

Description:

The aim of this course is for students to generate a thoughtful and well -written senior project proposal. This course will provide guidelines and critiquing for that purpose. By the end of the course, students will have narrowly identified their project, performed a review of current available related technology, and selected the approach they will pursue. They will also establish a parts list, timetable, set of milestones, and basis or procedure for determining an answer to the question how good is it? At the end of the course they will formally present their project and write a comprehensive

project proposal document. Once accepted, they are permitted to take ENS 415 Senior Project. Note that this course is focused on the process of creating a viable proposal. Enough flexibility exists that students may either implement the project they documented in this course when they take ENS 415, or may pursue an alternative project if desired. Also note that this course replaces ECE 411 for the graduating class of 2016.

- **ECE-415 Senior Project**

Prerequisites:

Take ECE-414;

Credits:

4.00

Description:

For the senior project the student implements, documents, and presents their completed project of the proposal generated in ENS 414. Having defined their project, students gather the resources necessary and proceed to execute their designs. This period will include the construction, testing, troubleshooting, refinement, and evaluation of their project. A formal presentation of the project is made. A professional caliber documentation of the project is also required, and may go through numerous iterations of review. The final project report must consider most of the following: environmental impact, sustainability, manufacturability, ethics, health and safety issues, and political concerns. Time management, prioritization of process, formal communication, overcoming obstacles and meeting deadlines are monitored by the project advisor. Weekly reports and meetings are expected. The advisor also serves as a resource for the student. However, full responsibility for the success of the project rests on the student. Cross-disciplinary projects are encouraged. Note: Replaces ECE 412 for the graduating class of 2016.

Type:

Expanded Classroom Requirement

- **ECE-430 Digital Signal Processing**

Prerequisites:

ECE 225, ECE 203 with minimum grade of C; ECE L430 concurrently

Credits:

3.00

Description:

Discrete signals and systems, digital simulation of analog systems, Z transforms, recursion equations, finite-order systems, Fourier transforms, line spectra and Fourier series, discrete Fourier series and Fast Fourier Transforms (FTT), sampling and interpolation, mean-square approximations, non-recursive and recursive filters, selected topics on algorithms, design and applications of digital signal processing. There will be an end-of-semester design project that will involve students' creativity, design of open ended projects, formulation of alternative solutions, detailed system description, realistic constraints (economic factors, safety, reliability, aesthetics ethics, and social impact).

Term:

Offered Fall Term

- **ECE-L430 Digital Signal Processing Lab**

Prerequisites:

ECE 430 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 430. This laboratory course uses MATLAB, Simulink, and the Texas Instruments 6713 DPS board to design, test and implement various projects. The students will also learn how to use FPGA boards to design and implement various DSP systems. There will be a design project at the end of the course designed to synthesize what the students have learned.

Term:

Offered Fall Term

- **ECE-307 Electric Power Systems - Analysis and Design**

Prerequisites:

MA166; ECE 205; ECE 206 and ECE 403 helpful, but not required

Credits:

4.00

Description:

This course is a first course in understanding the components that compose the high power grid. Generation of power; transmission line characteristics, load impacts. Real and reactive power along with compensation techniques. Transformers. Synchronous generators and motors. Power flow. Power quality. Transient and dynamic stability issues. Handling faults, overvoltage and surge protection. Electronic control by high power devices such as thyristors, relays, and circuit breakers. HVDC examined. Recent developments and opportunities in the Power field. A strong emphasis placed on problems solving and representative exercises.

Choose two ECE electives.

Mathematics and Basic Science (32 credits)

All courses must be taken with their corresponding laboratory class.

- **ENS-333 Programming for Engineers**

Prerequisites:

ENS L333 concurrently

Credits:

3.00

Description:

This course will introduce programming concepts in the context of solving engineering problems. Emphasis will be placed on applying the high-level programming skills learned to particular platforms such as embedded systems. Students will implement various microcontroller programming exercises as well as an end of the semester project.

Term:

Offered Spring Term

- **ENS-L333 Programming for Engineers Lab**

Prerequisites:

ENS 333 concurrently

Credits:

1.00

Description:

The Programming for Engineers lab is designed to supplement the Programming for Engineers Course.

• **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications(curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-166 Calculus II

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-265 Calculus III

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• ECE-225 Linear Systems

Prerequisites:

MATH 166 and ECE 205 with a minimum grade of C; ECE L225 Concurrently.

Credits:

3.00

Description:

Classification of systems, differential equations, linear algebra, discrete mathematics, derivation of the system model, state variable description, impulse response, convolution, frequency response of discrete and continuous systems. Fourier Series, Fourier transforms, Fourier methods of discrete signals, Laplace transforms, Z transform, analysis of control systems.

Term:

Offered Spring Term

- **ECE-L225 Linear Systems Lab**

Prerequisites:

MUST BE TAKEN CONCURRENTLY WITH ECE 225

Credits:

1.00

Description:

The Linear Systems lab is designed to supplement the Linear Systems course. Matlab simulation of linear systems, Hardware Implementation of Analog Filters, measurement of the transfer function.

Term:

Offered Spring Term

Choose one of the following courses and its corresponding laboratory class:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

2014-2015 Archived Catalog Information

Electrical Engineering

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Electrical Engineering Courses](#)

Concentrations

Within the engineering requirements, a specific framework provides both structure and flexibility. As students progress into the junior and senior year, they select an area of concentration. Normally, in their senior year students select, with the help of the Senior Project Committee, a capstone project that requires the application of their theoretical and practical knowledge.

The areas of concentrations consist of a combination of foundation course(s) plus one or two electives. Advisors will help students map out a sequence starting in their third year of study. Possible areas of specialization include:

Digital Systems:

- ECE-101 Digital Electronics

Prerequisites:

ECE L101 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

This course introduces the elements and tools of digital design. The course covers Boolean algebra, Karnaugh maps, Logic gates and digital circuits, analysis and design of combinational and sequential circuits, and timing issues. Adders, decoders, multiplexers, flip-flops, counters, and registers are implemented using TTL or CMOS ICs as well as VHDL-programmed FPGAs. Formerly ECE 203

Term:

Offered Fall Term

- **ECE-L101 Digital Electronics-Lab**

Prerequisites:

ECE 101 MUST BE TAKEN CONCURRENTLY.

Credits:

1.00

Description:

Illustrates the concepts of ECE-101. Exercises in various forms of Combinational and Sequential Logic design. Use of test equipment. Design projects will include a digital security system, use of PSPICE to verify feasibility of some designs. FPGA board citing Xilinx, software development tools from Xilinx and other third parties are introduced. Offered yearly. Formerly ECE L203

Term:

Offered Fall Term

- **ECE-311 Embedded Systems**

Prerequisites:

ECE-203 and ECE-206 with a minimum grade of C and ENS-333 OR CMPSC-F131 with a minimum grade of C and ECE-L311 concurrently

Credits:

3.00

Description:

This course will introduce the fundamentals of embedded micro controllers for system level applications: fundamental elements - sensors or transducers, microcontrollers, and the interfacing to external components. Procedural methods for design of the complete embedded system are developed. Programming using assembly, and C languages is utilized. Must take ECE L311 concurrently. Prerequisites: ECE 203 AND ECE 206, AND ENS-333 or CMPSC F131 (minimum grade of C in prereqs.) 1 term - 3 credits.

Term:

Offered Spring Term

• ECE-L311 Embedded Systems Lab

Prerequisites:

Must take ECE 311 concurrently

Credits:

1.00

Description:

The Embedded Systems Lab is designed to supplement the Embedded Systems course.

Term:

Offered Spring Term

• ECE-430 Digital Signal Processing

Prerequisites:

ECE 225, ECE 203 with minimum grade of C; ECE L430 concurrently

Credits:

3.00

Description:

Discrete signals and systems, digital simulation of analog systems, Z transforms, recursion equations, finite-order systems, Fourier transforms, line spectra and Fourier series, discrete Fourier series and Fast Fourier Transforms (FTT), sampling and interpolation, mean-square approximations, non-

recursive and recursive filters, selected topics on algorithms, design and applications of digital signal processing. There will be an end-of-semester design project that will involve students' creativity, design of open ended projects, formulation of alternative solutions, detailed system description, realistic constraints (economic factors, safety, reliability, aesthetics ethics, and social impact).

Term:

Offered Fall Term

- **ECE-L430 Digital Signal Processing Lab**

Prerequisites:

ECE 430 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 430. This laboratory course uses MATLAB, Simulink, and the Texas Instruments 6713 DPS board to design, test and implement various projects. The students will also learn how to use FPGA boards to design and implement various DSP systems. There will be a design project at the end of the course designed to synthesize what the students have learned.

Term:

Offered Fall Term

Signal Processing:

- **ECE-225 Linear Systems**

Prerequisites:

MATH 166 and ECE 205 with a minimum grade of C; ECE L225 Concurrently.

Credits:

3.00

Description:

Classification of systems, differential equations, linear algebra, discrete mathematics, derivation of the system model, state variable description, impulse response, convolution, frequency response of discrete and continuous systems. Fourier Series, Fourier transforms, Fourier methods of discrete signals, Laplace transforms, Z transform, analysis of control systems.

Term:

Offered Spring Term

- **ECE-L225 Linear Systems Lab**

Prerequisites:

MUST BE TAKEN CONCURRENTLY WITH ECE 225

Credits:

1.00

Description:

The Linear Systems lab is designed to supplement the Linear Systems course. Matlab simulation of linear systems, Hardware Implementation of Analog Filters, measurement of the transfer function.

Term:

Offered Spring Term

- **ECE-335 Control Systems**

Prerequisites:

ECE 225; Min Grade of C in Prereq. ECE L335 Concurrently.

Credits:

3.00

Description:

Introduction to feedback control systems; control system characteristics (stability, sensitivity, disturbance rejection, steady-state accuracy, transient response); stability analysis; root-locus analysis and design; frequency-response analysis and design; analysis and design of digital control systems. Normally offered bi-yearly.

- **ECE-L335 Control Systems Lab**

Prerequisites:

ECE 335 MUST BE TAKEN CONCURRENTLY.

Credits:

1.00

Description:

The Control Systems lab is designed to supplement the Control Systems course.

- **ECE-430 Digital Signal Processing**

Prerequisites:

ECE 225, ECE 203 with minimum grade of C; ECE L430 concurrently

Credits:

3.00

Description:

Discrete signals and systems, digital simulation of analog systems, Z transforms, recursion equations, finite-order systems, Fourier transforms, line spectra and Fourier series, discrete Fourier series and Fast Fourier Transforms (FTT), sampling and interpolation, mean-square approximations, non-recursive and recursive filters, selected topics on algorithms, design and applications of digital signal processing. There will be an end-of-semester design project that will involve students' creativity, design of open ended projects, formulation of alternative solutions, detailed system description, realistic constraints (economic factors, safety, reliability, aesthetics ethics, and social impact).

Term:

Offered Fall Term

- **ECE-L430 Digital Signal Processing Lab**

Prerequisites:

ECE 430 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 430. This laboratory course uses MATLAB, Simulink, and the Texas Instruments 6713 DPS board to design, test and implement various projects. The students will also learn how to use FPGA boards to design and implement various DSP systems. There will be a design project at the end of the course designed to synthesize what the students have learned.

Term:

Offered Fall Term

Computer Engineering:

- **ECE-311 Embedded Systems**

Prerequisites:

ECE-203 and ECE-206 with a minimum grade of C and ENS-333 OR CMPSC-F131 with a minimum grade of C and ECE-L311 concurrently

Credits:

3.00

Description:

This course will introduce the fundamentals of embedded micro controllers for system level applications: fundamental elements - sensors or transducers, microcontrollers, and the interfacing to external components. Procedural methods for design of the complete embedded system are developed. Programming using assembly, and C languages is utilized. Must take ECE L311 concurrently. Prerequisites: ECE 203 AND ECE 206, AND ENS-333 or CMPSC F131 (minimum grade of C in prereqs.) 1 term - 3 credits.

Term:

Offered Spring Term

- ECE-L311 Embedded Systems Lab

Prerequisites:

Must take ECE 311 concurrently

Credits:

1.00

Description:

The Embedded Systems Lab is designed to supplement the Embedded Systems course.

Term:

Offered Spring Term

- ECE-390 Data & Computer Communications Lab

Prerequisites:

ECE 225 with a minimum grade of C;

Credits:

3.00

Description:

Basic principles and topics in data communication, local area networks, wide area networks, communication architectures and protocols. Data transmission, encoding, multiplexing, circuit switching, packet switching, frame relays, and asynchronous transfer mode are also discussed. The TCP/IP protocol suite is studied and a project involving configuring, implementing, and installing a network is carried out during the semester. Prerequisite: ECE 225 or instructor's approval. 1 term - 3 credits. Must be taken concurrently with ECE L390.

Term:

Offered Fall Term

- **ECE-L390 Data & Computer Communications Lab**

Prerequisites:

Must be taken concurrently with ECE 390

Credits:

1.00

Description:

The Data and Computer Communications lab is designed to supplement the Data and Computer Communications course.

Term:

Offered Fall Term

Senior Project with a Computer Engineering Application

The Senior Project showcases the talents of each student. Students are encouraged to explore their strengths and interests early in their education. The Senior Project is administered and/or supervised by an engineering faculty member in consultation with an outside panel. The course is most often done one-on-one with the project advisor, although it is possible for two students to work together; groups larger than two require special permission. Students are encouraged to seek interdisciplinary projects involving other sciences.

2014-2015 Archived Catalog Information

Electrical Engineering

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Electrical Engineering Courses](#)

- ECE-101 Digital Electronics

Prerequisites:

ECE L101 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

This course introduces the elements and tools of digital design. The course covers Boolean algebra, Karnaugh maps, Logic gates and digital circuits, analysis and design of combinational and sequential circuits, and timing issues. Adders, decoders, multiplexers, flip-flops, counters, and registers are implemented using TTL or CMOS ICs as well as VHDL-programmed FPGAs. Formerly ECE 203

Term:

Offered Fall Term

- ECE-L101 Digital Electronics-Lab

Prerequisites:

ECE 101 MUST BE TAKEN CONCURRENTLY.

Credits:

1.00

Description:

Illustrates the concepts of ECE-101. Exercises in various forms of Combinational and Sequential Logic design. Use of test equipment. Design projects will include a digital security system, use of PSPICE to verify feasibility of some designs. FPGA board citing Xilinx, software development tools from Xilinx and other third parties are introduced. Offered yearly. Formerly ECE L203

Term:

Offered Fall Term

• ECE-105 Circuit Theory I

Prerequisites:

ECE L105 must be taken concurrently; MATH 165 may be taken concurrently

Credits:

3.00

Description:

Basic elements and analysis techniques of DC circuits. Coverage includes resistors, capacitors, inductors, and sensors ; independent and dependent sources. Ohm's law, power, energy, and power transfer. Kirchoff's voltage and current laws; Nodal and Loop analyses; Thevenin and Norton equivalents; step and transient responses of first-order systems; time constants. Emphasis on functional circuits. Prerequisite: Must be taken concurrently with ECE L105. Must take MATH 121(must have a minimum grade of C in preqs.) 1 term - 3 credits.

Term:

Offered Spring Term

• ECE-L105 Circuit Theory Lab I

Prerequisites:

ECE 105 must be taken concurrently

Credits:

1.00

Description:

The Circuit Theory Lab I is designed to supplement the Circuit Theory I course.

Term:

Offered Spring Term

- **ECE-205 Circuit Theory II**

Prerequisites:

ECE 105 with C or better; MATH 166 & PHYS 152 concurrently

Credits:

3.00

Description:

Analysis and design of lumped networks. Resistive elements, superposition, nodal analysis, dependent sources, equivalence theorems. Energy storage in elements, dynamics of first and second order networks, transient responses, phasors, sinusoidal steady state analysis, steady state power analysis, three phase power circuits. Offered yearly.

Term:

Offered Fall Term

- **ECE-L205 Circuit Theory II Lab**

Prerequisites:

ECE 205 MUST BE TAKEN CONCURRENTLY

Credits:

1.00

Description:

Illustrates the concepts of ECE 205. Simulations with PSPICE, LABVIEW, NXT Robotics, INCSYS Power Simulator, Mathematica; construction and design. First order, second order transients, ideal and non-ideal transformer circuits, sinusoidal steady state circuits, power grid simulation. Offered yearly.

Term:

Offered Fall Term

- ECE-206 Solid State Devices and Circuits

Prerequisites:

ECE L206 must be taken concurrently; ECE 205(must have a minimum grade of C in preqs.)

Credits:

3.00

Description:

Review of Thevenin and Norton Equivalent circuits. Frequency Domain analysis and Bode Plots. Representation of an active device by its Gain, Input and Output Resistance. Thorough coverage of op amps - circuits, applications, and inherent limitations. Introduction to semiconductor physics and the PN junction. Diode circuits, applications, and models. Zener diodes and power supplies. Ripple estimations. The Bipolar Junction Transistor - large and small signal analyses. Active, cutoff, and saturation region characterization. Hybrid Pi and T models. Basic transistor configurations - common collector, common base, and common emitter - along with their characteristics, applications, and tradeoffs. Estimation of bandwidth using open circuit time constants. Prerequisite: ECE 205. Must have at least a C in this. Co-requisite: ECE L206

Term:

Offered Spring Term

- ECE-L206 Solid State Devices & Circuits Lab

Prerequisites:

ECE 206 must be taken concurrently

Credits:

1.00

Description:

The Solid State Devices & Circuits Lab is designed to supplement the Solid State Devices & Circuits course.

Term:

Offered Spring Term

• ECE-225 Linear Systems

Prerequisites:

MATH 166 and ECE 205 with a minimum grade of C; ECE L225 Concurrently.

Credits:

3.00

Description:

Classification of systems, differential equations, linear algebra, discrete mathematics, derivation of the system model, state variable description, impulse response, convolution, frequency response of discrete and continuous systems. Fourier Series, Fourier transforms, Fourier methods of discrete signals, Laplace transforms, Z transform, analysis of control systems.

Term:

Offered Spring Term

• ECE-L225 Linear Systems Lab

Prerequisites:

MUST BE TAKEN CONCURRENTLY WITH ECE 225

Credits:

1.00

Description:

The Linear Systems lab is designed to supplement the Linear Systems course. Matlab simulation of linear systems, Hardware Implementation of Analog Filters, measurement of the transfer function.

Term:

Offered Spring Term

- **ECE-288 Measuring the World**

Credits:

4.00

Type:

SCI TECH ENGNR

- **ECE-306 Solid State Devices, Power and Circuits**

Prerequisites:

ECE-206 with a minimum grade of C. ECE L306 concurrently

Credits:

3.00

Description:

Continuation of Solid State Dev & Circuits I, with emphasis on MOSFET field effect transistors; Physical structure, I-V characteristics, modeling, use as a switch and CMOS inverter, biasing circuits, and basic amplifier configurations - common drain, common gate, and common source. Differential Amplifiers - BJT and MOSFET implementations, along with small and large signal analysis. Multistage circuits, active loads. Design of current source and current mirrors. Internal capacitance and high frequency limitations. Low midband, and high frequency analyses of transistor amplifiers. Miller effect. Open and Short Circuit Time Constants. Cascade and Cascode configurations. Frequency response of amplifiers. Significant circuit design activities. Course tightly coupled to ECE-L306.

Term:

Offered Fall Term

- ECE-L306 Solid State Devices, Power and Circuits Lab

Prerequisites:

ECE 306 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 306. Exercises that help meld the practical aspects with the theoretical concepts taught in ECE 306. Biasing and design of MOSFET amplifiers. Construction of differential and multistage amplifiers. Investigation of different current source implementations. Simulation of bandwidth improvement using Cascode structures. Course concludes with a multistage design challenge using MOSFETs to reach a specified gain, output impedance and bandwidth objective provided by the instructor.

Term:

Offered Spring Term

- ECE-307 Electric Power Systems - Analysis and Design

Prerequisites:

MA166; ECE 205; ECE 206 and ECE 403 helpful, but not required

Credits:

4.00

Description:

This course is a first course in understanding the components that compose the high power grid. Generation of power; transmission line characteristics, load impacts. Real and reactive power along with compensation techniques. Transformers. Synchronous generators and motors. Power flow. Power quality. Transient and dynamic stability issues. Handling faults, overvoltage and surge protection. Electronic control by high power devices such as thyristors, relays, and circuit breakers. HVDC examined. Recent developments and opportunities in the Power field. A strong emphasis placed on problems solving and representative exercises.

- **ECE-310 Special Topics in Engineering**

Prerequisites:

ECE 206 and MATH 166 with a minimum grade of C

Credits:

4.00

Description:

Selected topics in Computer Engineering or Electrical Engineering. Offered to upper level students by permission of instructor. Prerequisite: ECE 206 and MATH 166, or instructors' approval. 1 term - 4 credits. Minimum grade of C in prerequisites.

- **ECE-311 Embedded Systems**

Prerequisites:

ECE-203 and ECE-206 with a minimum grade of C and ENS-333 OR CMPSC-F131 with a minimum grade of C and ECE-L311 concurrently

Credits:

3.00

Description:

This course will introduce the fundamentals of embedded micro controllers for system level applications: fundamental elements - sensors or transducers, microcontrollers, and the interfacing to external components. Procedural methods for design of the complete embedded system are developed. Programming using assembly, and C languages is utilized. Must take ECE L311 concurrently. Prerequisites: ECE 203 AND ECE 206, AND ENS-333 or CMPSC F131 (minimum grade of C in prereqs.) 1 term - 3 credits.

Term:

Offered Spring Term

- **ECE-L311 Embedded Systems Lab**

Prerequisites:

Must take ECE 311 concurrently

Credits:

1.00

Description:

The Embedded Systems Lab is designed to supplement the Embedded Systems course.

Term:

Offered Spring Term

- **ECE-325 Statistics for Engineering and Science**

Prerequisites:

MATH 166 with a minimum grade of C; Must take ECE L325 concurrently

Credits:

3.00

Description:

Understanding the fundamentals of probability and statistics of experimental data. Measures of central tendency, variation, probability, events, Bayes Rule, discrete and continuous random variables, discrete and continuous distributions including the binomial distribution, normal distribution, chi-square distribution and student distribution, covariance, central limit theorem, hypothesis testing, linear regression, signal processing statistics (EE students), categorical data analysis (non-EE students). Use of Mathematica's statistical packages central to this course. Final project is a project with Biology measuring rat whisker resonance.

Term:

Offered Spring Term

- **ECE-L325 Statistics for Engineering and Science Lab**

Prerequisites:

ECE L325 MUST BE TAKEN WITH ECE 325

Credits:

1.00

Description:

The Engineering Statistics and Probability lab is designed to supplement the Engineering Statistics and Probability course.

Term:

Offered Spring Term

• ECE-335 Control Systems

Prerequisites:

ECE 225; Min Grade of C in Prereq. ECE L335 Concurrently.

Credits:

3.00

Description:

Introduction to feedback control systems; control system characteristics (stability, sensitivity, disturbance rejection, steady-state accuracy, transient response); stability analysis; root-locus analysis and design; frequency-response analysis and design; analysis and design of digital control systems. Normally offered bi-yearly.

• ECE-L335 Control Systems Lab

Prerequisites:

ECE 335 MUST BE TAKEN CONCURRENTLY.

Credits:

1.00

Description:

The Control Systems lab is designed to supplement the Control Systems course.

- ECE-390 Data & Computer Communications Lab

Prerequisites:

ECE 225 with a minimum grade of C;

Credits:

3.00

Description:

Basic principles and topics in data communication, local area networks, wide area networks, communication architectures and protocols. Data transmission, encoding, multiplexing, circuit switching, packet switching, frame relays, and asynchronous transfer mode are also discussed. The TCP/IP protocol suite is studied and a project involving configuring, implementing, and installing a network is carried out during the semester.

Prerequisite: ECE 225 or instructor's approval. 1 term - 3 credits. Must be taken concurrently with ECE L390.

Term:

Offered Fall Term

- ECE-L390 Data & Computer Communications Lab

Prerequisites:

Must be taken concurrently with ECE 390

Credits:

1.00

Description:

The Data and Computer Communications lab is designed to supplement the Data and Computer Communications course.

Term:

Offered Fall Term

- **ECE-403 Applied Electromagnetics**

Prerequisites:

ECE 205 and MATH 265 with a minimum grade of C; ECE L403 must be taken concurrently

Credits:

3.00

Description:

Electrostatics and magnetostatics, including Coulomb's law, Gauss's law, Biot-Savart law and Ampere's law, vector operations in rectangular, cylindrical, and spherical coordinates, divergence theorem and Stokes theorem, electric fields in materials, Lorentz force, magnetic torque, Faraday's law, Maxwell's equation, wave propagation, transmission lines with Smith charts, rectangular waveguides, Hertzian dipole antenna; examples related to power when applicable.

Term:

Offered Spring Term

- **ECE-L403 Applied Electromagnetics Lab**

Prerequisites:

Must be taken concurrently with ECE 403

Credits:

1.00

Description:

The Applied Electromagnetics Lab is designed to supplement the Applied Electromagnetics course.

Term:

Offered Spring Term

- **ECE-410 Communication Systems**

Prerequisites:

ECE 206, ECE 225 and MATH 265 with a minimum grade of C; L410 concurrently

Credits:

3.00

Description:

Coverage of a variety of basic communication systems, their theory of operation, and the analysis of their performance. Review of linear systems, Fourier and Laplace Transforms, and Frequency Domain analysis as needed. Graphical convolution of analog signals. Digital Baseband modulation techniques. Receiver design with an introduction to Stochastics. Digital Bandpass modulation and demodulation techniques. Analog communication systems including AM, FM, and PM approaches. Consideration of Noise and the resultant system performance. Multiplexing and information compression. ECE 410 and ECE L410 must be taken concurrently.

- **ECE-L410 Communications Systems Lab**

Prerequisites:

ECE 410 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 410. Exercises will focus both on communication system components and in the construction of a complete communication system. Introduction to FSK, DTMF, Phase lock loops, AM and FM modulation, oscillators, A/D and D/A conversion and the Nyquist rate. Wireless transmissions. Troubleshooting of non-working systems. Students have flexibility in the design and construction a full communication system which includes digitization, rearrangement in parallel and serial formats, transmission over a distance, and reconstruction back to its original analog form.

- **ECE-411 Senior Project I**

Prerequisites:

ECE 205, ECE 306, ECE 225, MATH 265; permission of the instructor may be required.

Credits:

4.00

Description:

The Senior Project provides a significant opportunity for students to direct all of their previous training and learning towards one major endeavor. It has been modified from previous years to extend over two semesters (instead of one) to facilitate a more comprehensive effort in both the planning and execution of the project. Although resources and guidance are provided for each student, this course still requires them to take full responsibility to plan their time, manage, and implement their project. In Part I the student creates their project proposal. Over a fourteen-week period the student is subjected to the practical stress of completing and delivering in professional fashion a project of their own choosing (with endorsement from an appropriate faculty advisor or industrial mentor). This period includes the following objectives: selection and careful definition of a project; a review of background information; a selection of the desired approach with justification; identification of resources needed; an outline of the project implementation timetable with desired milestones; a delineation of how the completed project performance might be evaluated. Weekly progress reports and meeting with their advisor are required. A formal proposal document is reviewed by department members (and possibly Industrial constituents) and may go through numerous iterations to be deemed 'acceptable'. Along the way informal oral presentations of both the 'general' and 'technical' aspects of their project will be presented to the rest of their peer group. A formal presentation of the project proposal is made to an audience of peers, faculty, and outside advisors. Prerequisites: ECE 205, ECE 306, ECE 225, MA265; permission of the instructor may be required. ECR

Type:

Expanded Classroom Requirement

• ECE-412 Senior Project II

Prerequisites:

ECE 411

Credits:

4.00

Description:

In Part II the student implements, documents, and presents their completed project. Having defined their project, students gather the resources necessary and proceed to execute their designs. This period will include the construction, testing, troubleshooting, refinement, and evaluation of their project. A formal presentation of the project is made. A professional caliber documentation of the project is also required, and may go through numerous iterations of review. The final project report must consider most of the following: environmental impact, sustainability, manufacturability, ethics, health and safety issues, and political concerns. Time management, prioritization of process, formal communication, overcoming obstacles and

meeting deadlines are monitored by the project advisor. Weekly reports and meetings are expected. The advisor also serves as a resource for the student. However, full responsibility for the success of the project rests on the student. Cross-disciplinary projects are encouraged. ECR

Type:

Expanded Classroom Requirement

- **ECE-413 Wireless Networks**

Prerequisites:

Must be taken concurrently with ECE L413. ECE 225 with minimum grade of C. ECE 390 recommended.

Credits:

3.00

Description:

This course explores key topics in the field of wireless communications and networking including wireless technologies and architectures, wireless networks and protocols, and wireless LANs. Topics include antennas and propagation, signal encoding techniques, spread spectrum, error control techniques, satellite communications, cellular and cordless systems, wireless protocols, and wireless LAN technology. This course is intended for senior students who have had some prior exposure to data communications concepts.

- **ECE-L413 Wireless Networks Lab**

Prerequisites:

Must be taken concurrently with ECE 413.

Credits:

1.00

Description:

The Wireless Networks lab is designed to supplement the Wireless Networks course.

- **ECE-414 Senior Project Proposal**

Prerequisites:

Take ECE-101, ECE-206, MATH-165;

Credits:

1.00

Description:

The aim of this course is for students to generate a thoughtful and well -written senior project proposal. This course will provide guidelines and critiquing for that purpose. By the end of the course, students will have narrowly identified their project, performed a review of current available related technology, and selected the approach they will pursue. They will also establish a parts list, timetable, set of milestones, and basis or procedure for determining an answer to the question how good is it? At the end of the course they will formally present their project and write a comprehensive project proposal document. Once accepted, they are permitted to take ENS 415 Senior Project. Note that this course is focused on the process of creating a viable proposal. Enough flexibility exists that students may either implement the project they documented in this course when they take ENS 415, or may pursue an alternative project if desired. Also note that this course replaces ECE 411 for the graduating class of 2016.

• ECE-415 Senior Project

Prerequisites:

Take ECE-414;

Credits:

4.00

Description:

For the senior project the student implements, documents, and presents their completed project of the proposal generated in ENS 414. Having defined their project, students gather the resources necessary and proceed to execute their designs. This period will include the construction, testing, troubleshooting, refinement, and evaluation of their project. A formal presentation of the project is made. A professional caliber documentation of the project is also required, and may go through numerous iterations of review. The final project report must consider most of the following: environmental impact, sustainability, manufacturability, ethics, health and safety issues, and political concerns. Time management, prioritization of process, formal communication, overcoming obstacles and meeting deadlines are monitored by the project advisor. Weekly reports and meetings are expected. The advisor also serves as a resource for the student. However, full responsibility for the success of the project rests on the student. Cross-disciplinary projects are encouraged. Note: Replaces ECE 412 for the graduating class of 2016.

Type:

Expanded Classroom Requirement

- ECE-430 Digital Signal Processing

Prerequisites:

ECE 225, ECE 203 with minimum grade of C; ECE L430 concurrently

Credits:

3.00

Description:

Discrete signals and systems, digital simulation of analog systems, Z transforms, recursion equations, finite-order systems, Fourier transforms, line spectra and Fourier series, discrete Fourier series and Fast Fourier Transforms (FTT), sampling and interpolation, mean-square approximations, non-recursive and recursive filters, selected topics on algorithms, design and applications of digital signal processing. There will be an end-of-semester design project that will involve students' creativity, design of open ended projects, formulation of alternative solutions, detailed system description, realistic constraints (economic factors, safety, reliability, aesthetics ethics, and social impact).

Term:

Offered Fall Term

- ECE-L430 Digital Signal Processing Lab

Prerequisites:

ECE 430 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 430. This laboratory course uses MATLAB, Simulink, and the Texas Instruments 6713 DPS board to design, test and implement various projects. The students will also learn how to use FPGA boards to design and implement various DSP systems. There will be a design project at the end of the course designed to synthesize what the students have learned.

Term:

- ECE-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 6.00

Description:

This is an independent study in electrical and computer engineering. Topics will vary.

- ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **ENS-L103 Intro to Engineering Lab**

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **ENS-201 Engineering Mechanics**

Prerequisites:

PHYS 151

Credits:

4.00

Description:

Forces, statics, and dynamics of rigid bodies, stress and strain analysis, kinematics, computer aided analysis. Focus on professional standards in practice for design of structures.

- ENS-L202 Technical Communication

Prerequisites:

WRI-102, PHYS 152 AND L152;

Credits:

4.00

Description:

Emphasis on clarity, precision, accuracy, and conciseness in scientific writing. Assignments include a team-based design-contest proposal, an oral presentation on current scientific topics, a team-based design of an experiment with a write-up and an oral presentation, a paper on engineering ethics concerning the Challenger and an instruction manual. Memo writing, summary writing, and resumes are also included.

Term:

Offered Fall Term

- ENS-333 Programming for Engineers

Prerequisites:

ENS L333 concurrently

Credits:

3.00

Description:

This course will introduce programming concepts in the context of solving engineering problems. Emphasis will be placed on applying the high-level programming skills learned to particular platforms such as embedded systems. Students will implement various microcontroller programming

exercises as well as an end of the semester project.

Term:

Offered Spring Term

- **ENS-L333 Programming for Engineers Lab**

Prerequisites:

ENS 333 concurrently

Credits:

1.00

Description:

The Programming for Engineers lab is designed to supplement the Programming for Engineers Course.

- **ENVE-101 Engineering Practice**

Credits:

1.00

Description:

This course introduces students to environmental engineering through a weekly lecture series given by professionals in the field of who will discuss their work and the different projects that they contributed to. There will also be field trips to points of interests such as waste water treatment plants and green buildings.

- **ENVE-104 Introduction to Environmental Engineering**

Credits:

4.00

Description:

This course is the basis course for environmental engineering and provides students with an overview of current and future environmental issues and concerns, practice in material and energy balance calculations, introduction to unit operations and treatment trains and their design, and ideas in sustainable design.

- **ENVE-220 Design and Design Tools**

Prerequisites:

ENVE-104; PHYS-151

Credits:

4.00

Description:

This course applies design tools (AutoCAD primarily and others as necessary for specified design problems) to design problems specified by the instructor.

- **ENVE-226 Organic Compounds in the Environment: Origin and Fate**

Prerequisites:

CHEM-112 OR PERMISSION OF INSTRUCTOR.

Credits:

4.00

Description:

This course examines the common families of organic compounds and their fate in the environment. Topics include organic nomenclature, characteristic chemistry of functional groups, the origin of anthropogenic organic compounds in the environment, and their ultimate fate. Processes studied include bioaccumulation, biomagnification, biodegradation, decomposition (including photochemical processes), air transport, groundwater transport, water transport, and accumulation and reaction in sediments.

- **ENVE-271 Air Quality and Air Pollution Control**

Prerequisites:

Credits:

4.00

Description:

The focus of this course is on relative source contribution, regulatory standards, known health effects, and measurement techniques for criteria pollutants and specific air toxics. An emphasis on regulatory control strategies and the design of engineering controls is provided. Engineering Elective.

- **ENVE-325 Geographical Information Science**

Prerequisites:

Approved computer programming course or permission of instructor.

Credits:

3.00

Description:

This course provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

- **ENVE-L325 Geographic Information Science Lab**

Prerequisites:

concurrently with ENVE 325

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with ENVE 325. Prerequisite: Approved computer programming course or permission of instructor.

- ENVE-361 Fluid Mechanics

Prerequisites:

ENVE-104 AND MATH-265 AND PHYS-152

Credits:

4.00

Description:

The basic equations of fluid statics and dynamics are covered in this course. Course topics include Archimedes' principle, Bernoulli's equation, and their applications; fluid kinematics, Eulerian and Lagrangian flow descriptions, and Three-dimensional flows; Reynolds transport theorem, finite control volumes, and differential analysis and modeling; and viscous flow in pipes, flow over immersed bodies, and open channel flow.

- ENVE-365 Hydrology

Prerequisites:

ENVE 104 AND MATH 166 and ENVE 361.

Credits:

4.00

Description:

The following topics are considered in this course: the hydrologic cycle, precipitation processes, soil moisture, infiltration, groundwater, rainfall-runoff processes, utilization of water resources, and frequency analysis. Engineering Elective.

- ENVE-375 Heat and Thermodynamics

Prerequisites:

MATH-265 and PHYS-152

Credits:

4.00

Description:

This course covers the elements of thermodynamic systems, the laws of thermodynamics, the parameters and concepts of thermodynamic analyses (heat, work, internal energy, enthalpy, entropy, reversibility, more), and their application to ideal gases and heat engines. Topics include statistical mechanics, phase transitions, chemical equilibrium, Gibb's equation, the Nernst equation, and heterogeneous systems.

- **ENVE-401 Environmental Engineering Measurements**

Prerequisites:

ENVE-104 and ENVE-226, CHEM-335 or CHEM-211, and BIO-273, MATH-341 or ECE-325, and ENVE-L401 concurrently.

Credits:

4.00

Description:

This course describes the theory of measurement techniques used in analyzing environmental quality parameters and provides a detailed experimental understanding of air, water, and soil instrumentation for pollution measurement. Topics include criteria pollutants, sources, sinks, chemistry, and health effects of each pollutant.

- **ENVE-410 Water and Wastewater Systems**

Prerequisites:

Take CHEM-112; Take ENVE-226, CHEM-355, OR Chem-211; Take ENVE-361; or permission of the instructor.

Credits:

4.00

Description:

This course considers the design of water and wastewater unit operations in treatment systems. Topics include water supply, water transmission and distribution systems, drinking water treatment, wastewater collection, and wastewater treatment.

- **ENVE-415 Green Engineering**

Prerequisites:

Take ENVE-361 and ENVE-375, CHEM 211 or ENVE 226

Credits:

4.00

Description:

This course presents the principles of green engineering and their application to process engineering, building design. Sustainable and renewable energy systems are a particular emphasis of the course. Topics include risk concepts, evaluating exposures, green chemistry, life cycle analysis, industrial ecology, and environmental sensors. Prerequisites: Organic Chemistry Option, ENVE 361, ENVE 375. CHEM 211 or ENVE 226 Engineering Electives. 1 term - 4 credits.

- **ENVE-450 Environmental Engineering Project**

Prerequisites:

Course # formerly ENVE 411

Credits:

4.00

Description:

This course provides the senior engineering student with meaningful problem analysis and design experience. The project and its documentation must illustrate use of fundamental elements of the design process: establishment of objectives and criteria, synthesis, analysis, testing, and evaluation. The project report must address realistic constraints including economic factors, safety, aesthetics, ethics, and social impacts. A public oral presentation before faculty and peers is also required. (Course # formerly ENVE 411). ECR

- **ENVE-510 Environmental Engineering Independent Study**

Credits:

1.00- 6.00

Description:

This is an independent study in environmental engineering. Topics will vary.

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR

- **SCI-173 Geographic Information Science (GIS) The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of

interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• SCI-L173 GIS Lab

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• SCI-184 Contemporary Science and Innovation

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

2014-2015 Archived Catalog Information

English

English majors and minors benefit from a wide range of course offerings ranging from in-depth studies of specific literary periods and movements to creative writing workshops to traditional British and American surveys and genre-based courses. With plenty of chances to improve their reading and writing skills and sharpen their critical thinking, English majors and minors are prepared to enter almost any profession and typically learn and excel due to their ability to interpret, compose, connect, and make meaning with written texts and an advanced ability to understand and craft language.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Creative Writing Concentration](#)
- [English Minor Requirements](#)
- [Creative Writing Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

English Major Requirements: 9 courses, 36 credits

Requirements for the English major are satisfied by 36 credits of coursework in English in addition to ENG-213, which English majors should use to satisfy the Core Literature Requirement.

- ENG-213 English Literature I

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

Choose one of the following courses:

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

• ENG-218 American Literature II

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

Choose 1 course from each of the five groups of English courses listed below.

Group 1: Approaches to English Studies

Choose one of the following:

- **ENG-301 Gateway Seminar for Majors**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 fewer than 80 credits

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

- **ENG-312 English Grammar and Usage**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course provides a thorough review and analysis of the rules of standard English grammar and usage, including the debate between prescriptive and descriptive grammar, the origin and authority of the rules taught in school and in handbooks of English, and the insights of modern linguistics.

Normally offered alternate years

Term:

Occasional

- **ENG-391 Research and Writing**

Prerequisites:

WRI 102 or WRI 103

Credits:

4.00

Description:

This course explores research and writing in the context of qualitative research, field work and bibliography. This course requires a lengthy report and project based on extended field work of at least 25 hours at an off-campus research site chosen by the student, approved by the instructor, and validated by a field site representative. This course fulfills the Expanded Classroom Requirement for CAS students. Normally offered alternate years.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **ENG-393 History of English Language**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course provides a basic understanding of the historical development of the English language from its roots in the Indo-European family of languages to its status as the world language of today.

Term:

Occasional

- **ENG-394 Critical Prose**

Prerequisites:

ENG 102 or 103

Credits:

4.00

Description:

This course studies both the literary and rhetorical modes of expository essay writing. Readings will focus on the craft of writing, the art of revision and reflections on the reader-writer relationship. Students will be asked to analyze prose passages, compose critical essays and work in peer groups. Normally offered alternate years.

Term:

Occasional

- **ENG-396 Varieties of Workplace Writing**

Prerequisites:

ENG 102 Or ENG 103

Credits:

4.00

Description:

This course studies a variety of workplace writing including summaries, memos, letters, directions, descriptions, reports and other technical and professional documents. Students may be required to complete certain assignments in collaborative teams. Document design and layout will also be

emphasized. Normally offered alternate years

Term:

Occasional

- **ENG-407 Literary Theory**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A seminar on current approaches to the interpretation of literature, including psychoanalysis, deconstruction and feminist criticism. Students will experiment with making use of theory in analyzing selected literary texts.

Term:

Occasional

- **ENG-421 Special Topics in Group 1: Approaches To English Studies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 1 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-430 Literature of the Vietnam War and the Post 9/11 Wars**

Prerequisites:

Take ENG-213 ENG-214 ENG-215 ENG-216 ENG-217 or ENG-218;

Credits:

4.00

Description:

This course will examine some of the fiction, non-fiction, and poetry produced in response to the Vietnam War and the most recent war in Iraq. In addition to comparing the literature that has emerged from these two very different wars, these texts will also be examined in relation to peace studies, a field in which there is an emerging consensus that literature and the arts must play a central role in examining questions of war and peace.

Term:

Occasional

- **ENG-H521 Honors Seminar in Group 1: Approaches to English Studies**

Prerequisites:

ENG-213 ENG-214 ENG-215, 216, 217 OR 218 Admission by invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

It is recommended that majors choosing ENG-301 take the course in the 2nd semester of sophomore year or the 1st semester of junior year.

Group 2: Genre and Backgrounds

Choose one of the following:

- **ENG-311 Medieval Literature Survey**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to medieval literature, this course will focus on short readings from various genres, such as the lyric, chronicle, fable, with emphasis on the romance. The culmination of the course is a drama segment in which students can participate in a performance.

Term:

Occasional

- **ENG-315 Classical Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Greek and Roman drama from its origins; characteristics of the theater; development of tragedy and comedy. Readings in Aeschylus, Sophocles, Euripides, Aristophanes, Plautus, Terrence, and Seneca. Normally offered every third year

Term:

Occasional

- **ENG-316 Fifth Century Athens**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, *The Republic*. Cross-listed with History 336.

Term:

Occasional

- **ENG-317 Classical Mythology**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

- **ENG-370 Fiction Writing Workshop I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An intensive workshop in which the student will be required to write original fiction. The focus of the course will be on the student's own work, submitted on a weekly basis. The course will also provide the student writer with practical experience in matters of plot, character, dialogue, structure, etc. Normally offered annually.

Term:

Alternates Fall & Spring

- **ENG-371 Creative Non-Fiction Workshop**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

For students interested in writing autobiography and/or other forms of the personal essay. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. The student should plan to read models of creative non-fiction. Normally offered annually.

Term:

Occasional

- **ENG-372 The Literary Journal**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An exploration of selected literary journals and their role in American letters. Through our study of the Pushcart prize anthology and past and current issues of journals such as Agni, Antaeus, Callaloo, Georgia Review, Paris Review, Poetry, and Zoetrope, we will examine the ways in which journals both respond to and shape literary culture. Students will write a research paper on an essayist, poet, or story writer that they discover during this course. Taught by the editor of a Boston-area literary journal.

Term:

Occasional

• ENG-375 Poetry Writing Workshop I

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on the student's own work. We will examine the highly individual processes of composition and revision, and the methods writers use to keep their own practice of poetry alive and well. We will also examine as many of the constituent elements of poetry as possible, from image and rhythm to line and structure. Normally offered annually.

Term:

Offered Both Fall and Spring

• ENG-395 Rhetoric and Memoir

Prerequisites:

ENG 102 or 103

Credits:

4.00

Description:

This course examines the rhetoric of memoirs written primarily by international figures who seek to use personal stories to shape readers' perspectives on political issues. After a brief introduction to rhetorical theory and to the genre of memoir, this course will examine contemporary memoirs that address such issues as racism, sexism, religious extremism, war, and genocide.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **ENG-422 Special Topics in Group 2: Genre and Backgrounds**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 2 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-470 Fiction Workshop II**

Prerequisites:

ENG 370 or ENG 371

Credits:

4.00

Description:

An intensive practical examination of plot, narrative, characterization, and style in the writing of fiction and/or creative non-fiction. Particular attention will be devoted to group discussion of weekly student writing assignments. Normally offered alternate years.

Term:

Alternates Fall & Spring

- **ENG-475 Poetry Workshop II**

Prerequisites:

ENG 375 or instructor's permission

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on both the quantity and quality of the student's own work. There will also be specific assignments in the many formal elements of the art. Written self-evaluations will also be required. Normally offered in alternate years.

Term:

Offered Spring Term

Group 3: Literary History I, Medieval to the Renaissance

Choose one of the following:

- **ENG-319 Renaissance Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Literature of the golden age of the Renaissance with a focus on love and sexuality and the politics of the courts of Henry VIII and Elizabeth I. Authors studied include Shakespeare, Marlowe, Sidney, and Spenser. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-324 Shakespeare's Comedies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Shakespeare's background and development as a dramatist through an examination of selected comedies. Collateral reading of the minor plays and Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-325 Shakespeare's Histories**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Shakespeare's English and Roman history plays. Emphasis on Shakespeare's use of his sources and the plays in performance. Normally offered every third semester.

Term:

Occasional

- **ENG-326 Shakespeare's Tragedies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Shakespeare's major tragedies reflecting the range, resourcefulness, and power of his dramaturgy. Collateral reading in Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-333 English Renaissance Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The comedies and tragedies of major dramatists (excluding Shakespeare) of the Elizabethan and Jacobean eras. Marlowe, Jonson, Middleton, Webster. Normally offered alternate years.

Term:

Occasional

- **ENG-334 17th Century Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Representative selections of seventeenth-century poetry and prose, including Behn, Burton, Donne Drayton, Dryden, Jonson, Milton, Pepys, Wroth, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-335 Milton**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Poetry and prose of England's greatest Renaissance poet. The centerpiece of the course is close reading of Paradise Lost. Normally offered alternate years.

Term:

Occasional

- **ENG-423 Special Topics in Group 3: Literary History I : Medieval to Renaissance**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 3 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-H523 Honors Seminar in Group 3: Literary History I: Medieval to Renaissance**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR 218 Admission By Invitation Only

Credits:

4.00

Description:

Honors seminar that fulfills Group 3 of the English major.

Group 4: Literary History II, American or British Literature from 1700-1900

Choose one of the following:

- **ENG-336 Restoration and Eighteenth Century Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The great age of satire, essay, criticism, biography, and nature. Dryden, Pope, Swift, Addison, Steele, Boswell, Johnson, Gray, Thompson, and Gibbon. Normally offered alternate years.

Term:

Occasional

- **ENG-337 18th Century English Novel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The beginnings of the realistic novel including the works of Defoe, Richardson, Fielding, Smollet, and Burney and considering the sentimental novel (Sterne) and the gothic novel (Walpole and Radcliffe). Normally offered alternate years.

- **ENG-343 19th Century English Novel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Development of the Romantic and Victorian novel. Readings in major works of the Brontes, Dickens, Thackeray, Austen, Eliot and Hardy. Normally offered alternate years.

Term:

Occasional

- **ENG-344 English Romantic Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The mind and spirit, poetics and poetry of Wordsworth, Coleridge, Byron, Shelley and Keats, along with selected prose. Normally offered alternate years.

Term:

Occasional

- **ENG-345 Victorian Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

3.00

Description:

The study of selected poets and prose writers. Some Victorian fiction. Normally offered alternate years

- **ENG-352 Global American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Study of antebellum American and African American literature in the context of cosmopolitan modes of thought and revolutionary action. This course considers how writers balanced their interest in building a national culture with their concern for matters of race, gender, politics and civil rights that transcended their time and place. Readings include nineteenth-century works by Longfellow, Irving, Emerson, Fuller, Whitman, Thoreau, Melville, and Douglass, as well as twentieth-century responses from Hemingway, Gandhi, King and Johnson.

Term:

Occasional

- **ENG-353 American Realism**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-354 Hawthorne, Melville and Stowe**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An extended study of three major novels by Hawthorne, Melville and Stowe as prototypes of the Great American Novel: an elusive achievement that seeks to capture the essence of American experience. This course confronts issues of sin and redemption, ambition and failure, racial and national identity, and aesthetic and cultural value, and it assesses the imaginative influence of these foundational narratives in two contemporary rewritings by Mukherjee and Reed. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-355 American Prose 1870 - 1920**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The revolution in American literary consciousness between the Civil War and the First World War, and the transition from the traditional to the modern, in the work of Mark Twain, Henry James, Stephen Crane, Theodore Dreiser, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-356 Whitman and Dickinson**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

- **ENG-424 Special Topics in Group 4: Literary History II : 1700-1900, American or British**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 4 of the English major requirements with varying subject matter. A interdisciplinary offering that features the writing of three of the late 19th century's greatest minds: Henry, the novelist who wrote *The Portrait of a Lady*, *Daisy Miller*, and *The Turn of the Screw*; William, the philosopher and psychologist who wrote *Principles of Psychology* (1890) and *Varieties of Religious Experience* (1902); and Alice, their sister, who became a feminist icon through her remarkable diary. A selection of these works will be explored alongside a James family biography.

Term:

Occasional

- **ENG-H524 Honors Seminar in Group 4: Literary History II: 1700 - 1900, American Or British**

Prerequisites:

ENG-213, 214, 215, 216, 217 OR ENG 218 Admission by invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

Group 5: Literary History III, American, British, or World Literature, 1900-Present

Choose one of the following:

- **ENG-357 African-American Lit I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **ENG-359 Selected African-American Writers**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course focuses upon the literary contributions of a selected number of major African-American authors. Normally offered every other year.

Type:

Cultural Diversity Opt A

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between World War II and the end of the American war in Vietnam. The course will consider fiction from the Beat Generation, New Journalism, the Black Arts Movement, and postmodernism as well as major writers who aren't easily classified. Possible authors include Ellison, Kerouac, O'Connor, McCarthy, Cheever, Roth, Updike, Didion, Mailer, Bellow, Bambara, Barth, and Pynchon.

Term:

Occasional

- **ENG-361 Contemporary American Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between the end of the American war in Vietnam and the present. The course will emphasize fiction reflecting America's cultural diversity and current trends in fiction.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Asian Studies

- **ENG-363 Modern British Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Yeats, Eliot, Auden, Dylan Thomas, Philip Larkin, Seamus Heaney and Ted Hughes and the considerable achievements of other poets from WWI to the present, including the influences of the Georgians, the imagists and the new poets. Verse drama will also be considered.

Term:

Occasional

- **ENG-365 Contemporary American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry since 1950, to include writers such as Robert Lowell, Theodore Roethke, John Berryman, Sylvia Plath, Anne Sexton, William Stafford, Elizabeth Bishop, Lucille Clifton, Adrienne Rich, Philip Levine, Galway Kinnell, James Wright, Robert Bly, Charles Olson, Allen Ginsberg, Rita Dove, Robert Hass, and Yusef Komunyakaa, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-366 Modern British Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

English 336 Restoration and 18th Century Literature: Poetry, prose, and drama from 1660 to 1800, including works by Aphra Behn, Dryden, Congreve, Lady Mary Wortley Montagu, Pope, Gay, Swift, and Johnson.

Term:

Occasional

- **ENG-367 American Fiction 1920-1950**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR ENG 218

Credits:

4.00

Description:

A sampling of major American fiction from the Jazz Age, the Great Depression, and the years surrounding World War II. Possible authors include Gertrude Stein, Ernest Hemingway, Jean Toomer, F. Scott Fitzgerald, William Faulkner, Zora Neale Hurston, Nella Larsen, John Steinbeck, Richard Wright, and Mary McCarthy.

Term:

Occasional

- **ENG-368 Modern British Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Important playwrights and their productions: Wilde, Shaw, Galsworthy, Maugham, Synge, O'Casey, Coward, Osborne, Pinter, Beckett, Stoppard, Keatley, and others. Topics: The New Woman," Bright Young Things," Angry Young Men," and more. Normally offered every third year.

Term:

Occasional

- **ENG-369 Modern American Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Study of plays and productions from the late 19th century to the present. Playwrights included: Moody, Herne, Sheldon, O'Neill, Glaspell, Crothers, Treadwell, Sherwood, Kaufman and Hart, Saroyan, Odets. Williams, Miller, Albee, Mamet, among others. Significant performers, directors, theatre critics, Broadway culture, and popular theatre provide context.

Term:

Occasional

- **ENG-373 English Writers of the 1930S**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The social, political and cultural revolution in pre-World War II England as it is reflected in the poetry of Auden and Spender and the fiction of Huxley, Waugh, Isherwood, Bowen, Orwell, and Greene. Normally offered every third year.

Term:

Occasional

- **ENG-376 Contemporary British Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course explores the development of post-World War II British fiction from the 1950's to the present. The focus is on the consequences in literature and culture of the fall of Empire and the redefining of Englishness and on the tension between realism and postmodern literary experimentation.

Term:

Occasional

- **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An Exploration of Post-colonial literature and how the empire writes back following the collapse of European colonialism. Special emphasis will be placed on the legacy of British Colonial rule and the contemporary use of literature and the English Language to both resist and problematize Eurocentric cultural assumptions. Authors studied will include E.M. Foster, Salman Rushdie, J.M. Coetzee, Anita Desai, Hanif Kureishi, and Zadie Smith, among others. Students will be introduced to Post-colonial critical theory and view film adaptations of literary texts.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **ENG-399 Irish Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Writers of the Irish Literary Revival, from the 1890s to the 1930s. Readings from Yeats, Joyce, Synge, O'Casey, and O'Flaherty. The influence of Anglo-Irish history on Irish writers. Normally offered every third year.

Term:

Occasional

- **ENG-409 Literary Bloomsbury: Woolf and Forster**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This class will engage with the major novels and selected literary writings of two of the twentieth century's most important modernist voices, Virginia Woolf and E.M. Forster. We will approach their writings within the intellectual framework of British modernism and the cultural context of the Bloomsbury Group out of which they emerged. Special attention will be paid to their theoretical writings on fiction as well as their respective contributions to feminism and queer theory. The class will also view cinematic adaptations of certain novels and discuss how these films have contributed to the enduring appeal and status of these texts as classics of twentieth-century fiction.

Term:

Occasional

- **ENG-425 Special Topics in Group 5: Literary History III: 1900- Present American, British, Or World**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 5 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-H525 Honors Seminar in Group 5 Literary History III: 1900 - Present American, British, Or World.**

Prerequisites:

ENG 213, 214, 215, 216, 217, or ENG 218; Invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

Choose 1 elective at the 300-level or above.

Choose 2 electives from any English course numbered above 104.

Note: The Seminar for Freshman may satisfy one of the electives at the discretion of the department.

Transfer students with an English major must complete at least 12 credits of English courses at Suffolk beyond the sophomore literature requirement (ENG-213, ENG-214, ENG-217, ENG-218).

Sophomore Survey Requirement

All English majors must take two sophomore surveys, including ENG-213. Each course offers an introduction to a significant body of literature in English with continued instruction in reading and writing skills.

- **ENG-213 English Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Choose one of the following courses to satisfy the second Sophomore Survey requirement:

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

2014-2015 Archived Catalog Information

English

English majors and minors benefit from a wide range of course offerings ranging from in-depth studies of specific literary periods and movements to creative writing workshops to traditional British and American surveys and genre-based courses. With plenty of chances to improve their reading and writing skills and sharpen their critical thinking, English majors and minors are prepared to enter almost any profession and typically learn and excel due to their ability to interpret, compose, connect, and make meaning with written texts and an advanced ability to understand and craft language.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Creative Writing Concentration](#)
- [English Minor Requirements](#)
- [Creative Writing Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

Students who are majoring in English may elect to take a Creative Writing concentration within the English major. The Creative Writing concentration requires the student to take at least three creative writing workshops in two different genres in addition to fulfilling the requirements of the English major. One of those creative writing workshops may simultaneously satisfy the major requirement in the “Genres” group. Other creative writing workshops may satisfy English major elective requirements.

The phrase “creative writing workshops” refers specifically to those prose and poetry workshops designed and implemented by the English department.

2014-2015 Archived Catalog Information

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English Minor: 5 courses, 20 credits

The English minor requires English-213 plus four English electives chosen from courses numbered 104 or above. At least three of these four electives must be at the upper-level (numbered 300 or above). English courses fulfilling the Core Humanities and Literature requirements may double-count in the minor. With departmental approval, selected Seminars for Freshmen may also double-count in the minor.

In some circumstances, an upper-level course from Group 3 of the major Requirements – Literary History I (Medieval to Renaissance) – may be substituted for ENG-213.

• ENG-213 English Literature I

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

2014-2015 Archived Catalog Information

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English majors and minors benefit from a wide range of course offerings ranging from in-depth studies of specific literary periods and movements to creative writing workshops to traditional British and American surveys and genre-based courses. With plenty of chances to improve their reading and writing skills and sharpen their critical thinking, English majors and minors are prepared to enter almost any profession and typically learn and excel due to their ability to interpret, compose, connect, and make meaning with written texts and an advanced ability to understand and craft language.

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The Creative Writing Minor: 5 courses, 20 credits

This minor is intended for students who are not majoring in English.

Students who are majoring in disciplines other than English may elect to minor in creative writing. The minor in creative writing requires the student to take at least three creative writing workshops in two different genres. The minor also requires that the student take one literature course from Group II (Genres and Backgrounds) and also one other upper-division (300-level or above) literature course.

The phrase “creative writing workshops” refers specifically to those prose and poetry workshops designed and implemented by the English department.

2014-2015 Archived Catalog Information

English

English majors and minors benefit from a wide range of course offerings ranging from in-depth studies of specific literary periods and movements to creative writing workshops to traditional British and American surveys and genre-based courses. With plenty of chances to improve their reading and writing skills and sharpen their critical thinking, English majors and minors are prepared to enter almost any profession and typically learn and excel due to their ability to interpret, compose, connect, and make meaning with written texts and an advanced ability to understand and craft language.

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- [Creative Writing Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

To be considered for honors in English, a student must satisfy the following criteria:

1. Students interested in honors should consult with the English department honors coordinator in the sophomore or junior year. Qualifying students must have a 3.5 GPA in English.
2. Honors students must complete the Gateway Seminar for Majors (ENG-301) and 8 Honors credits in English, 4 credits of which are in addition to the major requirement of 36 credits. These 8 credits would normally include one Honors Seminar and one Independent Study (ENG-510), wherein a student produces a major project under the direction of an advisor of his or her choice.
3. Honors students should register for one credit of ENG-510 (normally in the fall semester of the senior year), and for three credits of 510 (normally in the spring semester of the senior year). Any student who completes 510 will receive credit for the course; for achievement of honors in English, projects completed in 510 must also be approved by the English department.
4. Honors students must complete their coursework in English with a GPA of 3.5.
5. In special circumstances (for example in the case of transfer students), exceptions to the requirements above will be considered.

- **ENG-301 Gateway Seminar for Majors**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 fewer than 80 credits

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

- **ENG-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

By special arrangement, a junior or senior may pursue an independent research project under the supervision of a faculty member. Consent of instructor and chairperson required. Offered every semester.

Term:

Offered Both Fall and Spring

History and Literature – Honors Major

This honors program provides interested and qualified students the opportunity to explore in-depth the relations between history and literature. The History and Literature honors student must complete the requirements for a major in either History or English and also complete the requirements for the minor in the other department.

Regardless of whether the student in History and Literature chooses to major in History or English, he or she must complete the honors requirements as described in the [History and Literature program](#).

2014-2015 Archived Catalog Information

English

English majors and minors benefit from a wide range of course offerings ranging from in-depth studies of specific literary periods and movements to creative writing workshops to traditional British and American surveys and genre-based courses. With plenty of chances to improve their reading and writing skills and sharpen their critical thinking, English majors and minors are prepared to enter almost any profession and typically learn and excel due to their ability to interpret, compose, connect, and make meaning with written texts and an advanced ability to understand and craft language.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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- [Societies](#)
- [English Courses](#)

Sigma Tau Delta International Honor Society

Sigma Tau Delta, a member of the Association of College Honor Societies (ACHS), established its Eta Upsilon Chapter at Suffolk University in January 1986. Active membership is open to both English majors and English minors who have completed a minimum of two college courses in English language or literature (beyond the First Year Writing requirement and sophomore English requirement) with an average of 3.5, plus a general cumulative average of 3.0. Associate membership is open to students who have the requisite academic background (as stipulated above for active membership) but who are not majoring or minoring in English. In addition to conferring distinction for high achievement in English language and literature and exhibiting high standards of academic excellence through its chapters, Sigma Tau Delta promotes and emphasizes the discipline of English in all its aspects, including creative and critical writing, by inviting both active and associate members to contribute to its national publication, *The Rectangle*. All inducted members remain permanently on the roster of the Eta Upsilon Chapter.

2014-2015 Archived Catalog Information

English

English majors and minors benefit from a wide range of course offerings ranging from in-depth studies of specific literary periods and movements to creative writing workshops to traditional British and American surveys and genre-based courses. With plenty of chances to improve their reading and writing skills and sharpen their critical thinking, English majors and minors are prepared to enter almost any profession and typically learn and excel due to their ability to interpret, compose, connect, and make meaning with written texts and an advanced ability to understand and craft language.

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- ENG-014 Preparing for College Writing

Prerequisites:

Requirements: Internet access, Suffolk e-mail, Microsoft Internet Explorer, MSWord or compatible word processing program. Fluency in English.

Credits:

0.00

Description:

This course focuses on composing academic prose for the college classroom, especially Suffolk's Core (or required) curriculum courses. Sequenced assignments will help students sharpen their writing style through economy and effective form. The course will also review grammar, stylistics,

sentence level errors, coordination/subordination, and editing.

- **ENG-095 Developmental English Skills I**

Credits:

4.00

Description:

This course is appropriate for native English speakers as well as non-native English speakers with a high level of oral fluency, but a need to improve English reading and writing skills for an academic setting. The course provides students with opportunities for and guidance in the development of Academic English writing. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered in the Fall, Spring, and Summer Session I semesters. Course is enrolled by placement or instructor consent only.

- **ENG-096 Developmental English Skills II**

Credits:

4.00

Description:

A continuation of ENG 095, this course provides opportunities to both native and non-native English speakers for further development of Academic English proficiency. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered on the Madrid Campus only.

- **ENG-098 ESL Reading/Writing I**

Credits:

4.00

Description:

Utilizing a freshman-level English textbook and materials from the content courses, this course furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **ENG-099 ESL Reading/Writing II**

Credits:

4.00

Description:

A continuation of ENG 098, this course further furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **ENG-101 Freshman English I**

Credits:

4.00

Description:

This course studies persuasive and expository writing in the essay form through frequent writing assignments based on critical readings of class texts and discussions. Students will also compose a research paper and study the process of writing and revising for an academic audience. Offered every semester.

Term:

Offered Both Fall and Spring

- **ENG-102 Freshman English II**

Prerequisites:

ENG 100 or ENG101 or ENG 103

Credits:

4.00

Description:

Further study of persuasive and expository writing through the study of literary form with emphasis placed on critical reading and the revision of academic writing.

Term:

Offered Both Fall and Spring

- **ENG-103 Advanced Freshman English**

Prerequisites:

Invitation only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Frequent writing assignments based on close reading of literary texts are assigned as well as a research paper. Offered fall semester.

Term:

Offered Fall Term

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia), One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-212 Introduction to Creative Writing**

Prerequisites:

WRI 102 or WRI 103;

Credits:

4.00

Description:

A study of the major genres in creative writing (poetry, fiction, and creative nonfiction) in which students will read as writers. Students will write a combination of analytical and original works, and learn the format and processes of writing workshops of writing workshops. Offered every semester.

- **ENG-213 English Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-214 English Literature II**

Prerequisites:

WRI 103 with a grade of B or above or WRI-102.

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, Diverse Perspectives

- **ENG-217 American Literature I**

Prerequisites:

WRI-102 or WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

WRI-102 OR WRI-103 with a minimum grade of B

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Humanities Literature Requirement

- **ENG-H218 American Literature II**

Prerequisites:

ENG 102 OR 103. Minimum grade of B.

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Type:

Humanities Literature Requirement

- **ENG-301 Gateway Seminar for Majors**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 fewer than 80 credits

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

- **ENG-311 Medieval Literature Survey**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to medieval literature, this course will focus on short readings from various genres, such as the lyric, chronicle, fable, with emphasis on the romance. The culmination of the course is a drama segment in which students can participate in a performance.

Term:

Occasional

- **ENG-312 English Grammar and Usage**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course provides a thorough review and analysis of the rules of standard English grammar and usage, including the debate between prescriptive and descriptive grammar, the origin and authority of the rules taught in school and in handbooks of English, and the insights of modern linguistics. Normally offered alternate years

Term:

Occasional

- **ENG-315 Classical Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Greek and Roman drama from its origins; characteristics of the theater; development of tragedy and comedy. Readings in Aeschylus, Sophocles, Euripides, Aristophanes, Plautus, Terrence, and Seneca. Normally offered every third year

Term:

Occasional

- **ENG-316 Fifth Century Athens**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, The Republic. Cross-

listed with History 336.

Term:

Occasional

- **ENG-317 Classical Mythology**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

- **ENG-319 Renaissance Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Literature of the golden age of the Renaissance with a focus on love and sexuality and the politics of the courts of Henry VIII and Elizabeth I. Authors studied include Shakespeare, Marlowe, Sidney, and Spenser. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-320 Writing and Tutoring: Theory and Practice I**

Prerequisites:

By invitation only.

Credits:

1.00

Description:

This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

Type:

Expanded Classroom Requirement

- **ENG-321 Writing and Tutoring: Theory and Practice II**

Prerequisites:

ENG-320. By invitation only. Students must be hired as tutors for CLAS.

Credits:

1.00

Description:

This course is a continuation of ENG 320. This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

Type:

Expanded Classroom Requirement

- **ENG-324 Shakespeare's Comedies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Shakespeare's background and development as a dramatist through an examination of selected comedies. Collateral reading of the minor plays and Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-325 Shakespeare's Histories**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Shakespeare's English and Roman history plays. Emphasis on Shakespeare's use of his sources and the plays in performance. Normally offered every third semester.

Term:

Occasional

- **ENG-E325 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

Type:

Expanded Classroom Requirement

- **ENG-326 Shakespeare's Tragedies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Shakespeare's major tragedies reflecting the range, resourcefulness, and power of his dramaturgy. Collateral reading in Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-333 English Renaissance Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The comedies and tragedies of major dramatists (excluding Shakespeare) of the Elizabethan and Jacobean eras. Marlowe, Jonson, Middleton, Webster. Normally offered alternate years.

Term:

Occasional

- **ENG-334 17th Century Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Representative selections of seventeenth-century poetry and prose, including Behn, Burton, Donne Drayton, Dryden, Jonson, Milton, Pepys, Wroth, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-335 Milton**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Poetry and prose of England's greatest Renaissance poet. The centerpiece of the course is close reading of Paradise Lost. Normally offered alternate years.

Term:

Occasional

- **ENG-336 Restoration and Eighteenth Century Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The great age of satire, essay, criticism, biography, and nature. Dryden, Pope, Swift, Addison, Steele, Boswell, Johnson, Gray, Thompson, and Gibbon. Normally offered alternate years.

Term:

Occasional

- **ENG-337 18th Century English Novel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The beginnings of the realistic novel including the works of Defoe, Richardson, Fielding, Smollet, and Burney and considering the sentimental novel (Sterne) and the gothic novel (Walpole and Radcliffe). Normally offered alternate years.

- **ENG-343 19th Century English Novel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Development of the Romantic and Victorian novel. Readings in major works of the Brontes, Dickens, Thackeray, Austen, Eliot and Hardy. Normally offered alternate years.

Term:

Occasional

- **ENG-344 English Romantic Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The mind and spirit, poetics and poetry of Wordsworth, Coleridge, Byron, Shelley and Keats, along with selected prose. Normally offered alternate years.

Term:

Occasional

- **ENG-345 Victorian Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

3.00

Description:

The study of selected poets and prose writers. Some Victorian fiction. Normally offered alternate years

- **ENG-352 Global American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Study of antebellum American and African American literature in the context of cosmopolitan modes of thought and revolutionary action. This course considers how writers balanced their interest in building a national culture with their concern for matters of race, gender, politics and civil rights that transcended their time and place. Readings include nineteenth-century works by Longfellow, Irving, Emerson, Fuller, Whitman, Thoreau, Melville, and Douglass, as well as twentieth-century responses from Hemingway, Gandhi, King and Johnson.

Term:

Occasional

- **ENG-353 American Realism**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-354 Hawthorne, Melville and Stowe**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An extended study of three major novels by Hawthorne, Melville and Stowe as prototypes of the Great American Novel: an elusive achievement that seeks to capture the essence of American experience. This course confronts issues of sin and redemption, ambition and failure, racial and national identity, and aesthetic and cultural value, and it assesses the imaginative influence of these foundational narratives in two contemporary rewritings by Mukherjee and Reed. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-355 American Prose 1870 - 1920**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The revolution in American literary consciousness between the Civil War and the First World War, and the transition from the traditional to the modern, in the work of Mark Twain, Henry James, Stephen Crane, Theodore Dreiser, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-356 Whitman and Dickinson**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

- **ENG-357 African-American Lit I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **ENG-359 Selected African-American Writers**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course focuses upon the literary contributions of a selected number of major African-American authors. Normally offered every other year.

Type:

Cultural Diversity Opt A

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between World War II and the end of the American war in Vietnam. The course will consider fiction from the Beat Generation, New Journalism, the Black Arts Movement, and postmodernism as well as major writers who aren't easily classified. Possible authors include Ellison, Kerouac, O'Connor, McCarthy, Cheever, Roth, Updike, Didion, Mailer, Bellow, Bambara, Barth, and Pynchon.

Term:

Occasional

- **ENG-361 Contemporary American Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between the end of the American war in Vietnam and the present. The course will emphasize fiction reflecting America's cultural diversity and current trends in fiction.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Asian Studies

- **ENG-363 Modern British Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Yeats, Eliot, Auden, Dylan Thomas, Philip Larkin, Seamus Heaney and Ted Hughes and the considerable achievements of other poets from WWI to the present, including the influences of the Georgians, the imagists and the new poets. Verse drama will also be considered.

Term:

Occasional

- **ENG-364 Modern American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry written between 1900 and the Second World War, to include writers such as Robert Frost, Ezra Pound, Wallace Stevens, T.S. Elliot, William Carlos Williams, Gertrude Stein, Amy Lowell, Hilda Doolittle, Marianne Moore, Claude McKay, Langston Hughes, and Jean Toomer, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-365 Contemporary American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry since 1950, to include writers such as Robert Lowell, Theodore Roethke, John Berryman, Sylvia Plath, Anne Sexton, William Stafford, Elizabeth Bishop, Lucille Clifton, Adrienne Rich, Philip Levine, Galway Kinnell, James Wright, Robert Bly, Charles Olson, Allen Ginsberg, Rita Dove, Robert Hass, and Yusef Komunyakaa, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-366 Modern British Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

English 336 Restoration and 18th Century Literature: Poetry, prose, and drama from 1660 to 1800, including works by Aphra Behn, Dryden, Congreve, Lady Mary Wortley Montagu, Pope, Gay, Swift, and Johnson.

Term:

Occasional

- **ENG-367 American Fiction 1920-1950**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR ENG 218

Credits:

4.00

Description:

A sampling of major American fiction from the Jazz Age, the Great Depression, and the years surrounding World War II. Possible authors include Gertrude Stein, Ernest Hemingway, Jean Toomer, F. Scott Fitzgerald, William Faulkner, Zora Neale Hurston, Nella Larsen, John Steinbeck, Richard Wright, and Mary McCarthy.

Term:

Occasional

- **ENG-368 Modern British Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Important playwrights and their productions: Wilde, Shaw, Galsworthy, Maugham, Synge, O'Casey, Coward, Osborne, Pinter, Beckett, Stoppard, Keatley, and others. Topics: The New Woman," Bright Young Things," Angry Young Men," and more. Normally offered every third year.

Term:

Occasional

- **ENG-369 Modern American Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Study of plays and productions from the late 19th century to the present. Playwrights included: Moody, Herne, Sheldon, O'Neill, Glaspell, Crothers, Treadwell, Sherwood, Kaufman and Hart, Saroyan, Odets. Williams, Miller, Albee, Mamet, among others. Significant performers, directors, theatre critics, Broadway culture, and popular theatre provide context.

Term:

Occasional

- **ENG-370 Fiction Writing Workshop I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An intensive workshop in which the student will be required to write original fiction. The focus of the course will be on the student's own work, submitted on a weekly basis. The course will also provide the student writer with practical experience in matters of plot, character, dialogue, structure, etc. Normally offered annually.

Term:

Alternates Fall & Spring

- **ENG-371 Creative Non-Fiction Workshop**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

For students interested in writing autobiography and/or other forms of the personal essay. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. The student should plan to read models of creative non-fiction. Normally offered annually.

Term:

Occasional

- **ENG-372 The Literary Journal**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An exploration of selected literary journals and their role in American letters. Through our study of the Pushcart prize anthology and past and current issues of journals such as Agni, Antaeus, Callaloo, Georgia Review, Paris Review, Poetry, and Zoetrope, we will examine the ways in which journals both respond to and shape literary culture. Students will write a research paper on an essayist, poet, or story writer that they discover during this course. Taught by the editor of a Boston-area literary journal.

Term:

Occasional

- **ENG-373 English Writers of the 1930S**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The social, political and cultural revolution in pre-World War II England as it is reflected in the poetry of Auden and Spender and the fiction of Huxley, Waugh, Isherwood, Bowen, Orwell, and Greene. Normally offered every third year.

Term:

Occasional

- **ENG-375 Poetry Writing Workshop I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on the student's own work. We will examine the highly individual processes of composition and revision, and the methods writers use to keep their own practice of poetry alive and well. We will also examine as many of the constituent elements of poetry as possible, from image and rhythm to line and structure. Normally offered annually.

Term:

Offered Both Fall and Spring

- **ENG-376 Contemporary British Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course explores the development of post-World War II British fiction from the 1950's to the present. The focus is on the consequences in literature and culture of the fall of Empire and the redefining of Englishness and on the tension between realism and postmodern literary experimentation.

Term:

Occasional

- **ENG-377 The World of Literature on Film**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Examination of film as an art form in the expression of literature. Several films to be viewed in class together with the relevant literary works. Normally offered every third year.

Term:

Occasional

- **ENG-379 Children's Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The history and artistry of those works intended for the child reader: picture books, poetry, fairy tales, fantasies, realistic novels and biography, the international heritage. This extensive range covers Mother Goose to the contemporary novel, reflected by the works of Jean George, Robert Cormier and Katherine Paterson. Normally offered alternate years. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B

- **ENG-380 Wharton and James**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A study of the work of two of America's greatest Realist writers, considering the achievement of each and their extraordinary friendship.

Term:

Occasional

- **ENG-386 Classics of Mystery**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Classic stories of suspense and detection, including short stories and novels by Poe, Doyle, Chandler, Hammett, Christie, and others. Current examples also to be included. Normally offered alternate years.

Term:

Occasional

- **ENG-387 Writing Women**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia Yezierska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **ENG-390 Writing Process and Revision**

Prerequisites:

ENG 102 or 103

Credits:

4.00

Description:

This course studies the expressive and cognitive approaches to the writing process through personal journal writing, metaphor use and a review of grammar and stylistics. Written assignments emphasize discovery and invention as well as the revising of academic prose. Normally offered every other year.

Term:

Occasional

- **ENG-391 Research and Writing**

Prerequisites:

WRI 102 or WRI 103

Credits:

4.00

Description:

This course explores research and writing in the context of qualitative research, field work and bibliography. This course requires a lengthy report and project based on extended field work of at least 25 hours at an off-campus research site chosen by the student, approved by the instructor, and validated by a field site representative. This course fulfills the Expanded Classroom Requirement for CAS students. Normally offered alternate years.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An Exploration of Post-colonial literature and how the empire writes back following the collapse of European colonialism. Special emphasis will be placed on the legacy of British Colonial rule and the contemporary use of literature and the English Language to both resist and problematize Eurocentric cultural assumptions. Authors studied will include E.M. Foster, Salman Rushdie, J.M. Coetzee, Anita Desai, Hanif Kureishi, and Zadie Smith, among others. Students will be introduced to Post-colonial critical theory and view film adaptations of literary texts.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **ENG-393 History of English Language**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course provides a basic understanding of the historical development of the English language from its roots in the Indo-European family of languages to its status as the world language of today.

Term:

Occasional

- **ENG-394 Critical Prose**

Prerequisites:

ENG 102 or 103

Credits:

4.00

Description:

This course studies both the literary and rhetorical modes of expository essay writing. Readings will focus on the craft of writing, the art of revision and reflections on the reader-writer relationship. Students will be asked to analyze prose passages, compose critical essays and work in peer groups. Normally offered alternate years.

Term:

Occasional

• **ENG-395 Rhetoric and Memoir**

Prerequisites:

ENG 102 or 103

Credits:

4.00

Description:

This course examines the rhetoric of memoirs written primarily by international figures who seek to use personal stories to shape readers' perspectives on political issues. After a brief introduction to rhetorical theory and to the genre of memoir, this course will examine contemporary memoirs that address such issues as racism, sexism, religious extremism, war, and genocide.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **ENG-396 Varieties of Workplace Writing**

Prerequisites:

ENG 102 Or ENG 103

Credits:

4.00

Description:

This course studies a variety of workplace writing including summaries, memos, letters, directions, descriptions, reports and other technical and professional documents. Students may be required to complete certain assignments in collaborative teams. Document design and layout will also be emphasized. Normally offered alternate years

Term:

Occasional

- **ENG-398 Boston: a City in Fiction**

Prerequisites:

Take ENG 213, 214, 215, 216, 217 OR 218

Credits:

4.00

Description:

Boston in novels from its beginning to the present: plan of the city, architecture, population, social classes, politics and human problems. Hawthorne, James, Howells, Jean Stafford, Edwin O'Connor, Dorothy West, and others.

Term:

Occasional

- **ENG-399 Irish Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Writers of the Irish Literary Revival, from the 1890s to the 1930s. Readings from Yeats, Joyce, Synge, O'Casey, and O'Flaherty. The influence of Anglo-Irish history on Irish writers. Normally offered every third year.

Term:

Occasional

- **ENG-405 Russian Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to the major works of Russian literature with an emphasis on cultural history. Translations of Pushkin, Lermontov, Turgenev, Gogol, Dostoyevsky, Tolstoy, Chekov, Akhmatova, Tsvetaeva, and others. Normally offered every third year.

Term:

Occasional

- **ENG-407 Literary Theory**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A seminar on current approaches to the interpretation of literature, including psychoanalysis, deconstruction and feminist criticism. Students will experiment with making use of theory in analyzing selected literary texts.

Term:

Occasional

- **ENG-408 Modern Greek Literature in English Translation**

Prerequisites:

ENG-213, ENG-214, ENG-215, ENG-216, ENG-217, OR ENG-218

Credits:

4.00

Description:

A survey of writings in Modern Greek from 1821 to the present exploring Hellenism and the Greek cultural identity. Authors studied will include Kostis Palamas, Georgios Vizyinos, Alexandros Papadiamantis, Stratis Myrivilis, Photis Kontoglou, Dido Sotiriou, George Seferis, Constantine Cavafy, and Odysseas Elytis. A section of the syllabus will be reserved for the Greek-American/diaspora writers Helen Papanikolas, Elia Kazan, Jeffrey Eugenides, Olga Broumas, and Tryfon Tolides. Films and music traditions will be sampled as well.

- **ENG-409 Literary Bloomsbury: Woolf and Forster**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This class will engage with the major novels and selected literary writings of two of the twentieth century's most important modernist voices, Virginia Woolf and E.M. Forster. We will approach their writings within the intellectual framework of British modernism and the cultural context of the Bloomsbury Group out of which they emerged. Special attention will be paid to their theoretical writings on fiction as well as their respective contributions to feminism and queer theory. The class will also view cinematic adaptations of certain novels and discuss how these films have contributed to the enduring appeal and status of these texts as classics of twentieth-century fiction.

Term:

Occasional

- **ENG-410 From Pagan Reason to Christian Revelation**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A survey of major works of literature and thought crucial to the transformation of pagan models of reason to Christian systems of belief, including works by Plato and Plotinus, St. Augustine and Dante. Of central concern is the changing conception of love, from Eros to Agape. Cross-listed with History 336.

Term:

Occasional

- **ENG-411 Ancient Greece and Ancient Israel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, the Psalms, Homer's Troy, the complexity of desire and identity in the Hebrew Bible and in Sappho's poetry, biblical depictions of Jacob, Joseph, and David. Cross-listed with History 338.

Term:

Occasional

- **ENG-421 Special Topics in Group 1: Approaches To English Studies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 1 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-422 Special Topics in Group 2: Genre and Backgrounds**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 2 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-423 Special Topics in Group 3: Literary History I : Medieval to Renaissance**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 3 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-424 Special Topics in Group 4: Literary History II : 1700-1900, American or British**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 4 of the English major requirements with varying subject matter. A interdisciplinary offering that features the writing of three of the late 19th century's greatest minds: Henry, the novelist who wrote *The Portrait of a Lady*, *Daisy Miller*, and *The Turn of the Screw*; William, the philosopher and psychologist who wrote *Principles of Psychology* (1890) and *Varieties of Religious Experience* (1902); and Alice, their sister, who became a feminist icon through her remarkable diary. A selection of these works will be explored alongside a James family biography.

Term:

Occasional

- **ENG-425 Special Topics in Group 5: Literary History III: 1900- Present American, British, Or World**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 5 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-426 Special Topics :The Eclogues of Virgil**

Prerequisites:

Take ENG-213, ENG-214, ENG-215, ENG-216, ENG-217 or ENG-218;

Credits:

1.00

Description:

A study of these poems by the Roman poet with a focus on the issues of translation.

Term:

Occasional

- **ENG-427 The Georgics of Virgil**

Prerequisites:

Take ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

1.00

Description:

A study of these poems by the Roman poet with a focus on the issues of translation.

- **ENG-428 Virgil's Aeneid: First Three Books**

Credits:

1.00

Description:

A week by week reading of the Mesopotamian Epic that predates the Iliad by one thousand years, and is a masterpiece of heroic endurance and tragic insight. Discussions will be led by David Ferry, whose beautiful translation the class will use as text.

- **ENG-429 Classic Literature of the Underworld**

Prerequisites:

WRI-102 or WRI-103;

Credits:

4.00

Description:

This course will conduct close reading and discussion of selections from classical Greek and Roman texts, as well as from ancient Mesopotamian texts, highlighting passages that trace the descent to the underworld. Some of these readings include: the realm of the shades in Gilgamesh, the myth of Orpheus and Eurydice in Virgil, Homer's Odysseus and Achilles in Hades, the source of the River Styx in Pausanias.

- **ENG-430 Literature of the Vietnam War and the Post 9/11 Wars**

Prerequisites:

Take ENG-213 ENG-214 ENG-215 ENG-216 ENG-217 or ENG-218;

Credits:

4.00

Description:

This course will examine some of the fiction, non-fiction, and poetry produced in response to the Vietnam War and the most recent war in Iraq. In addition to comparing the literature that has emerged from these two very different wars, these texts will also be examined in relation to peace studies, a field in which there is an emerging consensus that literature and the arts must play a central role in examining questions of war and peace.

Term:

Occasional

- **ENG-431 Studies in Postmodern Fiction**

Prerequisites:

ENG-213 ENG-214 ENG-215 ENG-216 ENG-217 or ENG-218

Credits:

4.00

Description:

This course introduces students to the innovations that have re-defined fiction following the modern period. Novelists will include significant writers (3 Nobel Laureates among them) of the 20th/21st century, including Borges, Kundera, Calvino, Saramago, Garcia Marquez, Vargas Llosa.

- **ENG-440 The Odes of Horace**

Credits:

1.00

Description:

This course represents a journey through the poetry of Horace, contemporary of Virgil and celebrated poet of the Pax Romana. Discussions will be led by David Ferry, whose beautiful translation of Horace's poetry the class will use as text.

- **ENG-470 Fiction Workshop II**

Prerequisites:

ENG 370 or ENG 371

Credits:

4.00

Description:

An intensive practical examination of plot, narrative, characterization, and style in the writing of fiction and/or creative non-fiction. Particular attention will be devoted to group discussion of weekly student writing assignments. Normally offered alternate years.

Term:

Alternates Fall & Spring

- **ENG-471 Advanced Nonfiction Workshop**

Prerequisites:

ENG 370 or ENG 371;

Credits:

4.00

Description:

An advanced course in non-fiction writing that focuses intensively on developing non-fiction through weekly group discussions of student writing. Particular attention will be devoted toward deepening and expanding the range of possibilities available to non-fiction writers. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. Normally offered annually.

- **ENG-475 Poetry Workshop II**

Prerequisites:

ENG 375 or instructor's permission

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on both the quantity and quality of the student's own work. There will also be specific assignments in the many formal elements of the art. Written self-evaluations will also be required. Normally offered in alternate years.

Term:

Offered Spring Term

- **ENG-480 Fiction Writing Workshop III**

Prerequisites:

Take ENG-370

Credits:

4.00

Description:

An advanced course in fiction writing that focuses intensively on developing fiction through weekly group discussions of student writing. Particular attention will be devoted toward deepening and expanding the range of possibilities available to fiction writers.

- **ENG-481 Boston in History, Lit & Film**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An interdisciplinary examination of the history of Boston. Special focus will be on Boston in fiction, poetry, and film, as well as on the analysis of historical documents and accounts. This course is recommended for History and Literature Honors Majors. Jointly taught by professors from the History and English Departments. Normally offered every third year.

Term:

Occasional

- **ENG-485 Stay the Hand: Philosophical and Literary Readings on Law and Violence**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An interdisciplinary course examining the idea of law and its function in human society, with a special focus on issues of violence, war, peace, and justice. The course will examine law as it represented, enacted, and discussed in various literary and philosophical writings from the ancient world to the present, to include various Biblical texts, Sophocles' *Antigone*, Aeschylus' *Oresteia*, Plato's *Apology*, Shakespeare's *The Merchant of Venice*, Melville's *Billy Budd*, Toni Morrison's *Beloved*, among many others.

Term:

Occasional

- **ENG-490 Imperial Rome**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 also counts as HIST 304

Credits:

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Note: This course is identical to HUM 304. Normally offered in alternate years.

Type:

Humanities & History

• ENG-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

By special arrangement, a junior or senior may pursue an independent research project under the supervision of a faculty member. Consent of instructor and chairperson required. Offered every semester.

Term:

Offered Both Fall and Spring

• ENG-514 Internship in English

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Individualized guidance in a career-related activity. Upper-class English majors may gain academic credit for work preparing them for an English-related career, provided that the work is monitored by a member of the English faculty. Department approval is required.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **ENG-515 Salamander Internship**

Prerequisites:

WRI-102

Credits:

1.00

Description:

A semester-long internship working with the Editor and Managing Editor of Salamander Literary Magazine. Students will gain experience in editing, layout, and production of one of two annual editions of Salamander.

Type:

Expanded Classroom Requirement

- **ENG-H521 Honors Seminar in Group 1: Approaches to English Studies**

Prerequisites:

ENG-213 ENG-214 ENG-215, 216, 217 OR 218 Admission by invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

- **ENG-H523 Honors Seminar in Group 3: Literary History I: Medieval to Renaissance**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR 218 Admission By Invitation Only

Credits:

4.00

Description:

Honors seminar that fulfills Group 3 of the English major.

- **ENG-H524 Honors Seminar in Group 4: Literary History II: 1700 - 1900, American Or British**

Prerequisites:

ENG-213, 214, 215, 216, 217 OR ENG 218 Admission by invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

- **ENG-H525 Honors Seminar in Group 5 Literary History III: 1900 - Present American, British, Or World.**

Prerequisites:

ENG 213, 214, 215, 216, 217, or ENG 218; Invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

- **WRI-101 First Year Writing I**

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-L101 Developmental Writing 101 Lab**

Credits:

0.00

Description:

A non credit course for students enrolled in Freshman Composition who need to improve their control of the writing process, English mechanics, and fluency of expression. WRI L101 is a hybrid course that combines online grammar and writing practice with face-to-face support from English instructors.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

2014-2015 Archived Catalog Information

Environmental Science

Environmental science students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

Major Requirements: 22 courses and corresponding laboratory classes, 84 credits

- ENVS-111 Majors' Environmental Science

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-112 Majors' Environmental Science II**

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered include control of environmental

contaminants; public health and infectious disease control; antibiotic resistance; health issues associated with food production; contained animal feeding operations; the effects of industrialization on the environment; and the impact of disasters on environmental health. This course is intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• ENVS-L112 Majors' Environmental Science II Lab

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• ENVS-436 Environmental Science Practicum

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Application for the principles and techniques of environmental science to a specific environmental problem in a faculty directed independent study. Typically, this experience will include literature research and field work in an off-campus environmental agency. 1 term- 4 credits Requires instructor's consent. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• CHEM-L111 General Chemistry I Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **CHEM-L112 General Chemistry II Lab**

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• CHEM-L314 Instrumental Analysis Lab

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• PHIL-362 Environmental Ethics

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

Choose one of the following courses and the corresponding laboratory class:

- **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- **CHEM-L355 Environmental Chemistry Lab**

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- CHEM-375 Advanced Inorganic Chemistry

Prerequisites:

CHEM 212

Credits:

3.00

Description:

Topics in inorganic chemistry including bonding theories, chemical structures, symmetry and group theory, kinetics and mechanisms of reactions, and spectroscopy. Advanced topics may include bioinorganic chemistry, organometallics, or materials chemistry. 3 hours lecture. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- CHEM-L375 Advanced Inorganic Laboratory

Prerequisites:

CHEM 375 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 375. Prior or concurrent enrollment in CHEM 375 required. 4-hour laboratory. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

Choose two Environmental Science electives and their corresponding laboratory class (if applicable) from the following:

- **SCI-173 Geographic Information Science (GIS) The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

- **SCI-L173 GIS Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVE-325 Geographical Information Science**

Prerequisites:

Approved computer programming course or permission of instructor.

Credits:

3.00

Description:

This course provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

- **ENVE-L325 Geographic Information Science Lab**

Prerequisites:

concurrently with ENVE 325

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with ENVE 325. Prerequisite: Approved computer programming course or permission of instructor.

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology. CHEM 332 and BIO 403 strongly recommended. Normally offered every other year.

Term:

Occasional

Choose three Biology electives and their corresponding laboratory class (if applicable) from the following:

- **BIO-222 Field Botany**

Prerequisites:

BIO 111. This course will fulfill the Expanded Classroom Requirement.

Credits:

4.00

Description:

A three-week camping excursion, during which common tracheotypes, bryophytes, algae, and other photosynthetic organisms characteristic of various habits in Maine will be identified. Emphasis will be on plant ecology including species interactions and habitat requirements. Vertical zonation in mountains, lakes and intertidal areas will be a point of focus. Participants will camp for one week at each of three sites: Baxter State Park, Central Maine (near Augusta), and the Friedman Field Station. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and tents required. Additional fees: Camping and food est. \$475.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught alternate years.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• BIO-254 Marine Biology

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea; fisheries, mariculture, pollution, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

Term:

Offered Fall Term

- **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO-114/L114; BIO-L343 concurrently;

Credits:

3.00

Description:

The origin, measurement, and extent of biological diversity on Earth, its practical and theoretical importance, and current trends in extinction due to human activities. Anthropogenic influences on individuals, populations, and ecosystems will be considered, as well as strategies for biological conservation on a changing planet.

Term:

Offered Fall Term

- **BIO-L343 Biodiversity & Conservation Biology Laboratory**

Prerequisites:

BIO-114/L114; BIO-343 concurrently;

Credits:

1.00

Description:

Laboratory exercises dealing with the calculation, of Biodiversity in the environment, as well as with the effects of contaminants on individuals, populations, and model ecosystems. The fates of contaminants in such systems will be explored, as well as the possibility of remediation of adverse effects.

Term:

Offered Fall Term

- **BIO-357 Biology of Fishes**

Prerequisites:

BIO 114/L114, and Junior standing. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

The evolution, systematics, anatomy, physiology and behavior of freshwater, marine and anadromous fishes from temperate to tropical environments. The interactions of fish in their environments, including predator-prey relationships, host-symbiont interactions, and fish as herbivores. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited] Evenings only: off campus

Term:

Offered Spring Term

Choose one of the following courses and its corresponding laboratory class:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-151 University Physics I

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L151 University Physics Lab I

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Choose one of the following courses and its corresponding laboratory class:

- **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and Concurrently with PHYS L112

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-L112 College Physics Lab II**

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

Choose one of the following courses:

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Any math course above MATH-165 may also be chosen.

Students who have taken MATH 165 are encouraged to take PHYS 151/L151 and PHYS 152/L152. Students considering graduate school are encouraged to take MATH 165 and MATH 166.

Choose one of the following courses:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

Choose one of the following courses:

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Sophomore Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE,Asian Studies

2014-2015 Archived Catalog Information

Environmental Science

Environmental science students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

Minor Requirements: 5 courses, 20 credits

Students who minor in environmental science must complete the following three courses and their corresponding laboratory class (if applicable):

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This

course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-112 Majors' Environmental Science II**

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered include control of environmental contaminants; public health and infectious disease control; antibiotic resistance; health issues associated with food production; contained animal feeding operations; the effects of industrialization on the environment; and the impact of disasters on environmental health. This course is intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• ENVS-L112 Majors' Environmental Science II Lab

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHIL-362 Environmental Ethics

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

Choose two courses from the following:

- **SCI-173 Geographic Information Science (GIS) The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **SCI-L173 GIS Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **ENVE-325 Geographical Information Science**

Prerequisites:

Approved computer programming course or permission of instructor.

Credits:

3.00

Description:

This course provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

- ENVE-L325 Geographic Information Science Lab

Prerequisites:

concurrently with ENVE 325

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with ENVE 325. Prerequisite: Approved computer programming course or permission of instructor.

- CHEM-453 Introduction to Toxicology

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology. CHEM 332 and BIO 403 strongly recommended. Normally offered every other year.

Term:

Occasional

- CHEM-355 Environmental Chemistry

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-L355 Environmental Chemistry Lab

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• BIO-222 Field Botany

Prerequisites:

BIO 111. This course will fulfill the Expanded Classroom Requirement.

Credits:

4.00

Description:

A three-week camping excursion, during which common tracheotypes, bryophytes, algae, and other photosynthetic organisms characteristic of various habits in Maine will be identified. Emphasis will be on plant ecology including species interactions and habitat requirements. Vertical zonation in mountains, lakes and intertidal areas will be a point of focus. Participants will camp for one week at each of three sites: Baxter State Park, Central Maine (near Augusta), and the Friedman Field Station. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and tents required. Additional fees: Camping and food est. \$475.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught alternate years.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• BIO-254 Marine Biology

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea; fisheries, mariculture, pollution, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

Term:

Offered Fall Term

- **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO-114/L 114; BIO-L343 concurrently;

Credits:

3.00

Description:

The origin, measurement, and extent of biological diversity on Earth, its practical and theoretical importance, and current trends in extinction due to human activities. Anthropogenic influences on individuals, populations, and ecosystems will be considered, as well as strategies for biological conservation on a changing planet.

Term:

Offered Fall Term

- **BIO-L343 Biodiversity & Conservation Biology Laboratory**

Prerequisites:

BIO-114/L114; BIO-343 concurrently;

Credits:

1.00

Description:

Laboratory exercises dealing with the calculation, of Biodiversity in the environment, as well as with the effects of contaminants on individuals, populations, and model ecosystems. The fates of contaminants in such systems will be explored, as well as the possibility of remediation of adverse effects.

Term:

Offered Fall Term

- **BIO-357 Biology of Fishes**

Prerequisites:

BIO 114/L114, and Junior standing. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

The evolution, systematics, anatomy, physiology and behavior of freshwater, marine and anadromous fishes from temperate to tropical environments. The interactions of fish in their environments, including predator-prey relationships, host-symbiont interactions, and fish as herbivores. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited] Evenings only: off campus

Term:

Offered Spring Term

2014-2015 Archived Catalog Information

Environmental Science

Environmental science students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

Environmental science offers an honors program. Students participating in the program must meet the following criteria:

1. Students must have an overall GPA of 3.5 and a GPA in the major program of 3.5.
2. Honors candidates must be invited by the Environmental Science Advisory Committee, and should register for ENVS-510.
3. Participants will develop and complete an independent study project under the supervision of a member of the Environmental Science Advisory Committee. Depending on the nature of the project, the study may be conducted on or off campus, or involve a combination of both.
4. To successfully complete the project a student will be required to develop and defend a thesis to the Environmental Science Advisory Committee and to present findings in a colloquium.

2014-2015 Archived Catalog Information

Environmental Science

Environmental science students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

- ENVS-111 Majors' Environmental Science

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• ENVS-L111 Majors' Environmental Science Lab

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• ENVS-112 Majors' Environmental Science II

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered include control of environmental contaminants; public health and infectious disease control; antibiotic resistance; health issues associated with food production; contained animal feeding operations; the effects of industrialization on the environment; and the impact of disasters on environmental health. This course is intended for

environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-436 Environmental Science Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Application for the principles and techniques of environmental science to a specific environmental problem in a faculty directed independent study. Typically, this experience will include literature research and field work in an off-campus environmental agency. 1 term- 4 credits Requires instructor's consent. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **ENVS-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

This is an independent study in environmental studies. Topics will vary.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Environmental Studies

The environmental studies program is an interdisciplinary program drawing from the sciences, humanities, and social sciences. The program is structured to provide students with a foundation in science, policy, ethics, and humanities so that they may develop a comprehensive understanding of the complexity of environmental issues.

Because the program is flexible, the specific four-year paradigm will vary for individual students, and it is not possible to assign most courses to specific years.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Studies Courses](#)

Major Requirements: 12 courses and corresponding laboratory classes where applicable

The following are requirements for completion of the major, along with one course each from groups A, B and C listed below:

- **ENST-101 Environmental Studies**

Credits:

4.00

Description:

An interdisciplinary course that focuses on the social science and humanities disciplines as they are related to the natural environment. Students will study texts from those disciplines to acquire a deeper understanding of the values and beliefs that underlie environmental issues. The course will also investigate the policy-making processes and institutions through which those issues are decided, and the social inequalities in the distribution of

environmental problems. Texts to be studied will range from literature, philosophy and film to policy statements, impact reports, community advocacy materials, and investigative journalism.

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• ENVS-112 Majors' Environmental Science II

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered include control of environmental contaminants; public health and infectious disease control; antibiotic resistance; health issues associated with food production; contained animal feeding operations; the effects of industrialization on the environment; and the impact of disasters on environmental health. This course is intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• ENVS-L112 Majors' Environmental Science II Lab

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENV 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENV 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENV 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHIL-362 Environmental Ethics

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

• ENST-401 Environmental Studies Capstone Course

Credits:

4.00

Description:

A course examining a contemporary environmental issue from various disciplinary perspectives. Using a case-study approach, students will develop a proposal to address the identified issue from the perspectives of policy, ethics, justice, science and culture. As appropriate, the proposal will be field tested, demonstrated, or presented to the local community. Possible topics include sustainable development, urban air pollution, sustainable farming, or water conservation.

- **ENST-402 Environmental Studies Capstone II**

Credits:

4.00

Description:

A continuation of ENST 401

- **ENST-403 Environmental Studies Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement. Junior standing or above required or consent of the instructor.

Credits:

4.00

Description:

One course to be taken as a practicum or internship. The choice of internship or practicum is to be determined in consultation with the program director.

Type:

Expanded Classroom Requirement

Choose one of the following:

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Sophomore Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

Type:

Social Science,BSJ SOCIAL SCIENCE

Choose one of the following courses:

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

• BIO-273 Biostatistics

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

A. Choose one course and its corresponding laboratory class (if applicable) from the following:

Biology

- **BIO-254 Marine Biology**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea; fisheries, mariculture, pollution, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO 114/L114; BIO L304 concurrently;

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114/L114; BIO-304 concurrently;

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-L333 Ecology Lab

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

Term:

Offered Fall Term

• BIO-343 Biodiversity & Conservation Biology

Prerequisites:

BIO-114/L114; BIO-L343 concurrently;

Credits:

3.00

Description:

The origin, measurement, and extent of biological diversity on Earth, its practical and theoretical importance, and current trends in extinction due to human activities. Anthropogenic influences on individuals, populations, and ecosystems will be considered, as well as strategies for biological conservation on a changing planet.

Term:

Offered Fall Term

- **BIO-L343 Biodiversity & Conservation Biology Laboratory**

Prerequisites:

BIO-114/L114; BIO-343 concurrently;

Credits:

1.00

Description:

Laboratory exercises dealing with the calculation, of Biodiversity in the environment, as well as with the effects of contaminants on individuals, populations, and model ecosystems. The fates of contaminants in such systems will be explored, as well as the possibility of remediation of adverse effects.

Term:

Offered Fall Term

Chemistry/Biochemistry

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Spring Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

- **CHEM-L314 Instrumental Analysis Lab**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques I

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

• CHEM-355 Environmental Chemistry

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the

remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-L355 Environmental Chemistry Lab

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-453 Introduction to Toxicology

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology. CHEM 332 and BIO 403 strongly recommended. Normally offered every other year.

Term:

Occasional

Environmental Engineering

- **ENVE-325 Geographical Information Science**

Prerequisites:

Approved computer programming course or permission of instructor.

Credits:

3.00

Description:

This course provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

- **ENVE-L325 Geographic Information Science Lab**

Prerequisites:

concurrently with ENVE 325

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with ENVE 325. Prerequisite: Approved computer programming course or permission of instructor.

Science

- **SCI-173 Geographic Information Science (GIS) The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• SCI-L173 GIS Lab

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math and must take SCI-L251 concurrently

Credits:

3.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L251 Intro Coastal Geology I Lab**

Prerequisites:

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Note that some of these courses have prerequisites. Prerequisite requirements range from 0 to 24 credit hours.

B. One course from the following:

Communication and Journalism

- **CJN-479 Environmental Public Relations**

Credits:

4.00

Description:

An examination of the public issues involving the environment. Focuses on public relations strategies for government agencies, corporations and other organizations concerned with the environment. Normally offered yearly.

Term:

Offered Spring Term

Environmental Studies

- **ENST-420 German Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and GVT 420

- **ENST-321 Introduction to Permaculture**

Credits:

4.00

Description:

Permaculture is the design of food systems and social structures to provide for human needs while restoring ecosystem health. Examining the interconnections between environmental, social and economic components, Permaculture is informed by the disciplines of systems ecology, ecological design and ethno-ecology.

Government

- **GVT-372 Coastal Zone Management**

Prerequisites:

Instructor's Consent

Credits:

4.00

Description:

This course presents a survey of a coastal environment, its physical characteristics, natural systems, economic uses, and development pressures. Lectures examine strategies formulated in the U.S. for land and water resource management in the coastal zone. The roles of federal, state and local government, environmental groups and resource users are also explored. Finally, by comparing coastal zone management problems in the U.S. to those elsewhere in the world, students gain a global perspective. Normally offered every years. The course available through the Marine Studies Consortium and will be taught on the campus of one of the Consortium's member institutions.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-420 German Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and ENST 420

Type:

Social Science,BSBA SOCIAL CHANGE

- **GVT-439 Global Environmental Threat**

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-450 Lobbying, the Media and Public Policy Opinion, and Politics**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This class will examine the role of lobbyist and the media in influencing state and national decision makers and public policy. Focusing primarily on current issues relating to energy and environmental policy, we will discuss and critically examine all sides of today's hot topics- renewable power, climate change, sustainability and others. The goal is not to determine who is right and who is wrong, but rather to get behind the headlines and separate fact from hype and discuss how and why certain policy decisions are made and how policy makers are influenced. You'll gain an appreciation as to how public opinion, lobbyists and the media (even celebrities!) can actually change government priorities- and not always for the better, as rising public opinion and political pressure often collides with well established scientific evidence.

Type:

Social Science,BSJ SOCIAL SCIENCE

Sociology

- **SOC-217 Sociology of Urban Life**

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

Type:

- **SOC-327 Special Topics: General Sociology**

Credits:

4.00

Description:

A course with special interest topics in sociology which changes depending on the professor.

Term:

Occasional

Note that some of these courses have prerequisites. Prerequisite requirements range from zero to 8 credit hours.

C. One course from the following:

World Languages & Cultural Studies

- **GER-420 The Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from it's grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History,Humanities Literature Requirement

GER-420 can fill a Humanities/History related elective, but cannot be used to fill both Social Science and Humanities/History related electives.

Philosophy

- PHIL-363 Bio and Medical Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every third year.

Term:

Occasional

- ENST-301 Issues in Environmental Justice

Credits:

4.00

Description:

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race or income regarding the development, implementation, and enforcement of environmental laws, regulations, and policies. In this course, students will learn about the background of environmental justice, its basis in law, leaders in the movement, and key topics pertaining to environmental and health disparities, such as air quality, public transportation, access to healthy food, facility siting and clean-up, land use, and climate. Material will draw heavily upon local examples and readings from a wide range of fields. Students will learn about community organizing and advocacy, and how these skills can be applied to shape

decision-making. We will also discuss sustainable practices that can be integrated into daily life to create healthy communities and equity. One term, 4 semester hours, normally offered once a year, no prerequisites.

- **ENST-310 The Civilian Conservation Corps and the American Landscape**

Prerequisites:

Class will meet for 75 minutes a week and then travel over spring break. Instructor's consent is required

Credits:

4.00

Description:

This course will focus on the history and lasting affect of the Civilian Conservation Corps (CCC) on the physical and political landscape of the United States. From 1933 to 1942 more than 3 million men served in the CCC, and this course will track the progression of their work from the planting of billions of trees to the development of recreational opportunities on federal and state lands. Over time, CCC work progressed from the conservation of natural resources to the conservation of human resources and promotion of recreation on public lands. As the CCC changed over time, so too did public opinion concerning the CCC's work and mission. This class will explore opposition to CCC projects by significant figures in America's environmental movement such as Aldo Leopold and Bob Marshall, and the resulting influence on the environmental movement in America. We will also look at the role the CCC played in redefining conservation and creating a mainstream environmental movement. In addition, this class will consider the affect that the CCC had on New Deal politics. Finally, this class will study the lasting legacy that the CCC left on the American landscape through the development of other conservation corps programs. Students will also read first hand accounts, view films, and possibly hear directly from a CCC veteran. As a class connected with an Alternative Spring Break trip, this experiential education offering will allow students to experience and complete similar work to that completed by CCC members. During Alternative Spring Break, students will visit important CCC history sites such as the first CCC camp in the country and a major national park development project. During the course, assignments will challenge students to identify CCC sites in Massachusetts or their home states. Local site visits are a possibility for this class. Other assignments will challenge students to identify modern environmental organizations who can trace their origins to the

Type:

Expanded Classroom Requirement

The total required credit hours for the environmental studies major ranges from 44 to 76, depending on course selection.

Note that certain courses required of the major will also meet core curriculum requirements, and can be double-counted toward graduation requirements.

Some courses are part of the Marine Science Consortium. Enrollment is with permission of coordinator.

ENST-420 or GVT-420 can fill a Social Science related elective or GER-420 can fill a Humanities/History related elective, but cannot be used to fill both Social Science and Humanities/History related electives.

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Environmental Studies

The environmental studies program is an interdisciplinary program drawing from the sciences, humanities, and social sciences. The program is structured to provide students with a foundation in science, policy, ethics, and humanities so that they may develop a comprehensive understanding of the complexity of environmental issues.

Because the program is flexible, the specific four-year paradigm will vary for individual students, and it is not possible to assign most courses to specific years.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Studies Courses](#)

Minor Requirements: 5 courses and corresponding laboratory classes, 20 credits

- ENST-101 Environmental Studies

Credits:

4.00

Description:

An interdisciplinary course that focuses on the social science and humanities disciplines as they are related to the natural environment. Students will study texts from those disciplines to acquire a deeper understanding of the values and beliefs that underlie environmental issues. The course will also investigate the policy-making processes and institutions through which those issues are decided, and the social inequalities in the distribution of environmental problems. Texts to be studied will range from literature, philosophy and film to policy statements, impact reports, community advocacy materials, and investigative journalism.

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, biodiversity, climate change, ozone depletion, air, soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **ENVS-112 Majors' Environmental Science II**

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered include control of environmental contaminants; public health and infectious disease control; antibiotic resistance; health issues associated with food production; contained animal feeding operations; the effects of industrialization on the environment; and the impact of disasters on environmental health. This course is intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is

required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Two 200-level or higher Environmental Studies courses

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Environmental Studies

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- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Studies Courses](#)

Environmental Studies offers an honors program. Students participating in the program must meet the following criteria:

- Students must have an overall GPA of 3.5 and a GPA in the major program of 3.5.
- Honors candidates must be invited by the Environmental Studies Advisory Committee, and should register for ENST-510.
- Participants will develop and complete an independent study project under the supervision of a member of the Environmental Studies Advisory Committee. Depending on the nature of the project, the study may be conducted on or off campus, or involve a combination of both.
- To successfully complete the project a student will be required to develop and defend a thesis to the Environmental Studies Advisory Committee and to present findings in a colloquium.
- ENST-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

This is an independent study in environmental studies. Topics will vary.

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Environmental Studies

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Studies Courses](#)

- **ENST-101 Environmental Studies**

Credits:

4.00

Description:

An interdisciplinary course that focuses on the social science and humanities disciplines as they are related to the natural environment. Students will study texts from those disciplines to acquire a deeper understanding of the values and beliefs that underlie environmental issues. The course will also investigate the policy-making processes and institutions through which those issues are decided, and the social inequalities in the distribution of environmental problems. Texts to be studied will range from literature, philosophy and film to policy statements, impact reports, community advocacy materials, and investigative journalism.

- **ENST-301 Issues in Environmental Justice**

Credits:

4.00

Description:

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race or income regarding the development, implementation, and enforcement of environmental laws, regulations, and policies. In this course, students will learn about the background of environmental justice, its basis in law, leaders in the movement, and key topics pertaining to environmental and health disparities, such as air quality, public transportation, access to healthy food, facility siting and clean-up, land use, and climate. Material will draw heavily upon local examples and readings from a wide range of fields. Students will learn about community organizing and advocacy, and how these skills can be applied to shape decision-making. We will also discuss sustainable practices that can be integrated into daily life to create healthy communities and equity. One term, 4 semester hours, normally offered once a year, no prerequisites.

- **ENST-310 The Civilian Conservation Corps and the American Landscape**

Prerequisites:

Class will meet for 75 minutes a week and then travel over spring break. Instructor's consent is required

Credits:

4.00

Description:

This course will focus on the history and lasting affect of the Civilian Conservation Corps (CCC) on the physical and political landscape of the United States. From 1933 to 1942 more than 3 million men served in the CCC, and this course will track the progression of their work from the planting of billions of trees to the development of recreational opportunities on federal and state lands. Over time, CCC work progressed from the conservation of natural resources to the conservation of human resources and promotion of recreation on public lands. As the CCC changed over time, so too did public opinion concerning the CCC's work and mission. This class will explore opposition to CCC projects by significant figures in America's environmental movement such as Aldo Leopold and Bob Marshall, and the resulting influence on the environmental movement in America. We will also look at the role the CCC played in redefining conservation and creating a mainstream environmental movement. In addition, this class will consider the affect that the CCC had on New Deal politics. Finally, this class will study the lasting legacy that the CCC left on the American landscape through the development of other conservation corps programs. Students will also read first hand accounts, view films, and possibly hear directly from a CCC veteran. As a class connected with an Alternative Spring Break trip, this experiential education offering will allow students to experience and complete similar work to that completed by CCC members. During Alternative Spring Break, students will visit important CCC history sites such as the first CCC camp in the country and a major national park development project. During the course, assignments will challenge students to identify CCC

sites in Massachusetts or their home states. Local site visits are a possibility for this class. Other assignments will challenge students to identify modern environmental organizations who can trace their origins to the

Type:

Expanded Classroom Requirement

- **ENST-315 Foundations of Environmental Education**

Credits:

4.00

Description:

This course will provide an overview of Environmental Education (EE) by looking at how EE has been defined, how the field has changed over time, and how our own connections with the environment can inform our understanding and practice of this work. Students will consider the goals of EE and the variety of approaches utilized in the field to reach those goals. Age appropriate environmental education, place-based education, and urban environmental education will also be studied.

- **ENST-321 Introduction to Permaculture**

Credits:

4.00

Description:

Permaculture is the design of food systems and social structures to provide for human needs while restoring ecosystem health. Examining the interconnections between environmental, social and economic components, Permaculture is informed by the disciplines of systems ecology, ecological design and ethno-ecology.

- **ENST-325 Environmental History of US**

Credits:

4.00

Description:

This course will utilize history to explore the American environment. Through the works classical environmental texts it will explore how Americans have understood their environment. It will also look at how historians understand environmental history, how the environment has changed from precolonial to the present, and how we understand that change. By using both primary and secondary materials we will try to integrate the environmental understanding of historians with the process of historical understanding. The course will provide the opportunity to develop critical thinking skills of identifying differing understandings of an historical problem and presenting arguments from different intellectual traditions. It will also work on understanding different sources and the validity of different sources both primary and secondary. It will engage the student in identifying a research question and the appropriate primary and secondary sources of significance to that topic. It will also require the students to communicate their analysis in two extended persuasive essays and one long primary-based research paper.

- **ENST-401 Environmental Studies Capstone Course**

Credits:

4.00

Description:

A course examining a contemporary environmental issue from various disciplinary perspectives. Using a case-study approach, students will develop a proposal to address the identified issue from the perspectives of policy, ethics, justice, science and culture. As appropriate, the proposal will be field tested, demonstrated, or presented to the local community. Possible topics include sustainable development, urban air pollution, sustainable farming, or water conservation.

- **ENST-402 Environmental Studies Capstone II**

Credits:

4.00

Description:

A continuation of ENST 401

- **ENST-403 Environmental Studies Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement. Junior standing or above required or consent of the instructor.

Credits:

4.00

Description:

One course to be taken as a practicum or internship. The choice of internship or practicum is to be determined in consultation with the program director.

Type:

Expanded Classroom Requirement

- **ENST-420 German Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and GVT 420

- **ENST-450 Lobbying, Media, and Public Policy**

Credits:

4.00

Description:

As a result of new environmental and energy concerns championed by the media, politicians and the public government regulators in the US and around the world are being forced to rethink their priorities and react to these outside influences rather than rely on the process they have used for decades. But as we shift to notions such as the precautionary principle and embrace renewable power as a solution to climate change, is this reactionary approach relying too much on what the media and others say and too little on the facts? Are government agencies equipped to analyze these issues and disagree with rising public opinion? Is this a good way to develop public policy? Through discussion and analysis, we will critically examine all sides of these and other current issues and get behind the headlines using real world examples to try to separate fact from hype. We'll also probe the roles that politicians, lobbyists, and the media have in framing the debate.

Type:

- **ENST-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

This is an independent study in environmental studies. Topics will vary.

- **ENST-555 Senior Thesis**

Prerequisites:

Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 8 credits in courses that are part of the Environmental Studies major at Suffolk University; consent of instructor.

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the Committee on Environmental Studies, for Environmental Studies majors who are candidates for honors in Environmental Studies and who wish to prepare a thesis for submission to the honors committee. Must normally be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 8 credits in courses that are part of the Environmental Studies major at Suffolk University; consent of instructor. 1 term - 4 credits. Normally offered every fall.

2014-2015 Archived Catalog Information

Fine Arts

The New England School of Art & Design offers a Bachelor of Fine Arts in Fine Arts, as well as a Fine Arts minor.

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Fine Arts Courses](#)

Major Requirements: 26 courses, 80 credits

Courses in the Fine Arts program have as a prerequisite the completion of the Foundation Studies program or its equivalent. Exceptions may only be made with permission of the instructor and the Fine Arts program director.

The letter "S" preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

For specific sequence of courses, contact your advisor or the department.

- ADF-S101 Foundation Drawing I

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

• ADF-S123 Painting

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color

and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design(line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- **ADF-S171 Integrated Studio 1**

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

- **ADFA-S204 Sculptural Thinking**

Prerequisites:

Take ADF-S152

Credits:

3.00

Description:

Art is not just visual. Artists also think with their hands", understanding that engagement with the physical world is vital to the creative process, and often gives rise to unexpected and fruitful ideas. In this course, students will explore traditional and experimental sculptural processes in a spirit of directed play", focusing on both intuitive and critical responses to materials.

- **ADFA-S220 Drawing: Shifting Scales**

Prerequisites:

ADF-S102 or ADF-S502; ADF-S151 or ADF-S551;

Credits:

3.00

Description:

We live in a world of great contrasts in scale, where hand held screens can download Google earth and nanotechnologies can change the lives on entire continents. How do these shifts in scale alter our perceptions of space, and therefore change the way we understand and make drawings? This figure-based course uses descriptive observation as the starting point for addressing visual invention. Students will work from a model, using traditional figurative techniques to combine and contrast with digital imaging techniques, graphic novels, and various contemporary drawing approaches. A variety of wet and dry drawing media will be used with more experimental materials.

Term:

Offered Spring Term

- **ADFA-S241 Advanced Painting**

Prerequisites:

ADF S123.

Credits:

3.00

Description:

This course will involve the concepts and techniques of 20th and 21st century painting. Students develop an individual approach to non-objective and objective painted space. Open-ended assignments, lectures, critiques and discussions will clarify the work students produce. Substantial independent studio time allows students to focus on work that responds to contemporary issues in painting.

Term:

Offered Spring Term

- **ADFA-S242 Sculpture Studio**

Prerequisites:

ADF S152

Credits:

3.00

Description:

A focused study on the language of dimensionality in sculpture, students will explore traditional and non-traditional materials. Issues of craft, concept and context will aid students in developing work that responds to currents in contemporary sculpture. This class will also provide students with a substantial grounding in 20th and 21st century sculptural theory and practice.

Term:

Offered Spring Term

• ADFA-S251 Printmaking Studio

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently. Open to NESADSU majors only.

Term:

Offered Fall Term

• ADFA-S271 Fine Arts Seminar I

Prerequisites:

ADF S102 ADF S123, and ADF S152

Credits:

3.00

Description:

Fine Arts Seminar is designed as a vehicle for students to develop a personal relationship to contemporary art theory and practice. Questions are posed as a point of departure for the students to generate work. Visiting artists and weekly gallery and museum visits aid in examining aspects of current art making in order to assist students in creating a strong vision for their work. Restricted to Fine Arts Majors only.

Term:

Offered Fall Term

- **ADFA-S272 Fine Arts Seminar I**

Prerequisites:

ADFA S271

Credits:

3.00

Description:

A continuation of the first semester, this course aids students in recognizing the patterns and questions posed in their own studio practices. A large number of technical approaches to content will be explored.

Term:

Offered Spring Term

- **ADFA-S311 Contemporary Trends & Practices**

Prerequisites:

Intended for Majors only

Credits:

3.00

Description:

Contemporary Trends & Practices moves art theory into the studio and the studio out into the world. Students will look at the most significant artists and movements of the past 50 years while examining their social, cultural and political context. Canonized contemporary art categories

(postmodernism, appropriation, anti-art and performance art are some examples) are assigned as group projects. Movements, strategy or style of art making is discussed as an expressive problem solving experience, blurring the lines between media. This course conflates contemporary art history with contemporary art practices.

Term:

Offered Fall Term

- **ADFA-S344 Advanced Drawing Issues**

Prerequisites:

Take ADFA-S272;

Credits:

3.00

Description:

This course has students assess their work of the past several years in order to determine current and future goals. Students use the tools they find in the relationship between 2D and 3D in order to define contemporary drawing for themselves.

Term:

Offered Fall Term

- **ADFA-S361 Figure Studio: 2D**

Prerequisites:

ADF S123 AND ADFA S241

Credits:

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century

through the present.

Term:

Offered Fall Term

- **ADFA-S362 Figure Studio: 3D**

Prerequisites:

Take ADF-S152 ADFA-S361;

Credits:

3.00

Description:

This sculpture course considers the figure in its importance both as a historical element and as a reflection and definition of self. Established an understanding of the figurative form in the space by relating gesture and structure through manipulated form. Weight, mass, plane and volume are considered while working directly from the model.

Term:

Offered Spring Term

- **ADFA-S371 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272

Credits:

3.00

Description:

In this third semester of the Seminar sequence, students are responsible for integrating their visual culture influences and references within an expanded body of work.

Term:

Offered Fall Term

- **ADFA-S372 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272 and ADFA S371

Credits:

3.00

Description:

During this final Seminar semester, the focused studio practices of students are channeled into the development of their final thesis exhibition. The four-semester Fine Arts Seminar sequence.

Term:

Offered Spring Term

- **ADFA-S410 Senior Thesis**

Prerequisites:

Fine Arts Senior status required.

Credits:

3.00

Description:

This senior-level course readies the student for the furtherance of his or her career as a creative artist. Though the development of a written artist's statement, slide and electronic documentation and the charting of their individual artistic lineage, students will begin to place themselves within the context of the contemporary art world. Normally offered Spring semester.

Term:

Offered Spring Term

Choose one of the following courses:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

• **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose two studio electives (6 credits).

Subject to approval of the Fine Arts program director.

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- [Major Requirements](#)
- [Minor Requirements](#)
- [Fine Arts Courses](#)

Minor Requirements: 6 courses, 18 credits

Choose 6 of the following courses:

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

- **ADFA-S204 Sculptural Thinking**

Prerequisites:

Take ADF-S152

Credits:

3.00

Description:

Art is not just visual. Artists also think with their hands", understanding that engagement with the physical world is vital to the creative process, and often gives rise to unexpected and fruitful ideas. In this course, students will explore traditional and experimental sculptural processes in a spirit of directed play", focusing on both intuitive and critical responses to materials.

- **ADFA-S212 Figure Painting: Issues in Contemporary Realism**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

3.00

Description:

This course functions as a lab for students to improve their painting skills. Working directly from the models, beginning and more advanced students will explore technique at their own level. Tri-weekly poses will allow in-depth investigation and complex images to develop. Students can work with the painting medium of their choice. Historical and contemporary painters will be used to further the students progress. Open to majors and non-majors.

Term:

Occasional

- **ADFA-S241 Advanced Painting**

Prerequisites:

ADF S123.

Credits:

3.00

Description:

This course will involve the concepts and techniques of 20th and 21st century painting. Students develop an individual approach to non-objective and objective painted space. Open-ended assignments, lectures, critiques and discussions will clarify the work students produce. Substantial independent studio time allows students to focus on work that responds to contemporary issues in painting.

Term:

Offered Spring Term

- **ADFA-S242 Sculpture Studio**

Prerequisites:

ADF S152

Credits:

3.00

Description:

A focused study on the language of dimensionality in sculpture, students will explore traditional and non-traditional materials. Issues of craft, concept and context will aid students in developing work that responds to currents in contemporary sculpture. This class will also provide students with a substantial grounding in 20th and 21st century sculptural theory and practice.

Term:

Offered Spring Term

- **ADFA-S251 Printmaking Studio**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently. Open to NESADSU majors only.

Term:

Offered Fall Term

• **ADFA-S311 Contemporary Trends & Practices**

Prerequisites:

Intended for Majors only

Credits:

3.00

Description:

Contemporary Trends & Practices moves art theory into the studio and the studio out into the world. Students will look at the most significant artists and movements of the past 50 years while examining their social, cultural and political context. Canonized contemporary art categories (postmodernism, appropriation, anti-art and performance art are some examples) are assigned as group projects. Movements, strategy or style of art making is discussed as an expressive problem solving experience, blurring the lines between media. This course conflates contemporary art history with contemporary art practices.

Term:

Offered Fall Term

• **ADFA-S330 Experimental Drawing & Painting**

Prerequisites:

Take ADF-S123; or Instructor's Permission.

Credits:

3.00

Description:

This course is designed to provide a workshop style environment for students to achieve an increasingly sophisticated level of mastery. Students are encouraged to develop their own area of interest in painting and drawing. In class models will be available to those who want to work figuratively. Individual and group critiques are integrated into the semesters work. The class will study the works of contemporary and historical painters. This is not a class for beginning students.

Term:

Offered Both Fall and Spring

- **ADFA-S344 Advanced Drawing Issues**

Prerequisites:

Take ADFA-S272;

Credits:

3.00

Description:

This course has students assess their work of the past several years in order to determine current and future goals. Students use the tools they find in the relationship between 2D and 3D in order to define contemporary drawing for themselves.

Term:

Offered Fall Term

- **ADFA-S361 Figure Studio: 2D**

Prerequisites:

ADF S123 AND ADFA S241

Credits:

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century through the present.

Term:

Offered Fall Term

• ADFA-S362 Figure Studio: 3D

Prerequisites:

Take ADF-S152 ADFA-S361;

Credits:

3.00

Description:

This sculpture course considers the figure in its importance both as a historical element and as a reflection and definition of self. Established an understanding of the figurative form in the space by relating gesture and structure through manipulated form. Weight, mass, plane and volume are considered while working directly from the model.

Term:

Offered Spring Term

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- [Minor Requirements](#)
- [Fine Arts Courses](#)

- ADFA-304 Art and Architecture of the Italian Renaissance

Prerequisites:

ADF-182 and the Fine Art Program Director's consent.

Credits:

4.00

Description:

This course introduces the students to Italian Renaissance art, artists and culture from the first evidence in the Italian Gothic (around the 1260's) to the Early and High Renaissance, predominantly in Florence and Venice, up to the 1600's. The course will survey the history of painting, sculpture and architecture as we study the works individually, for their formal elements and visual importance, but also within their aesthetic, historic, political and cultural context. Class discussion and a visual analysis of works of art will encourage personal interpretation and critical thinking. A list of terms related to the Renaissance introduces the language of art. Normally offered during the summer. Offered in Italy only.

Type:

Expanded Classroom Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroo

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

Type:

Humanities Literature Requirement, Humanities & History

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, Asian Studies

- **ADFA-400 Fine Arts Internship**

Prerequisites:

Restricted to Juniors and Seniors

Credits:

3.00- 6.00

Description:

An elective course for those who wish to pursue issues of artistic development to a further degree, this internship may involve assisting an established member of the local art community (in his or her own studio) in the preparation, marketing and exhibition of his work. Internships in area galleries or museums are also an option. The purpose of the internship will be to give students experience in real world aspects of the artistic life for which he or she has so far prepared only in the classroom setting. Participating students will earn credit based on the number of hours devoted to the internship. One credit will be given for every 45 hours of internship time, and all hours must be verified in writing for credit given.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• ADFA-500 Fine Arts Directed Study

Prerequisites:

consent of Program director required

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio (ADFA S500) or non-studio (ADFA 500) under the supervision of a fine arts full-time faculty member. Please see Directed Study elsewhere in this catalog for details. Independent study forms are available from the Office of the Academic Dean and Registrar. All independent study request forms must be accompanied by a written proposal and must be approved by the individual faculty member, the Fine Arts Program Director, the NESADSU Chairman, and the Academic Dean. Normally available every semester.

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

- **ADFA-S204 Sculptural Thinking**

Prerequisites:

Take ADF-S152

Credits:

3.00

Description:

Art is not just visual. Artists also think with their hands", understanding that engagement with the physical world is vital to the creative process, and often gives rise to unexpected and fruitful ideas. In this course, students will explore traditional and experimental sculptural processes in a spirit of directed play", focusing on both intuitive and critical responses to materials.

- **ADFA-S212 Figure Painting: Issues in Contemporary Realism**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

3.00

Description:

This course functions as a lab for students to improve their painting skills. Working directly from the models, beginning and more advanced students will explore technique at their own level. Tri-weekly poses will allow in-depth investigation and complex images to develop. Students can work with the painting medium of their choice. Historical and contemporary painters will be used to further the students progress. Open to majors and non-majors.

Term:

Occasional

- **ADFA-S220 Drawing: Shifting Scales**

Prerequisites:

ADF-S102 or ADF-S502; ADF-S151 or ADF-S551;

Credits:

3.00

Description:

We live in a world of great contrasts in scale, where hand held screens can download Google earth and nanotechnologies can change the lives on entire continents. How do these shifts in scale alter our perceptions of space, and therefore change the way we understand and make drawings? This figure-based course uses descriptive observation as the starting point for addressing visual invention. Students will work from a model, using traditional figurative techniques to combine and contrast with digital imaging techniques, graphic novels, and various contemporary drawing approaches. A variety of wet and dry drawing media will be used with more experimental materials.

Term:

Offered Spring Term

- **ADFA-S241 Advanced Painting**

Prerequisites:

ADF S123.

Credits:

3.00

Description:

This course will involve the concepts and techniques of 20th and 21st century painting. Students develop an individual approach to non-objective and objective painted space. Open-ended assignments, lectures, critiques and discussions will clarify the work students produce. Substantial independent studio time allows students to focus on work that responds to contemporary issues in painting.

Term:

Offered Spring Term

- **ADFA-S242 Sculpture Studio**

Prerequisites:

ADF S152

Credits:

3.00

Description:

A focused study on the language of dimensionality in sculpture, students will explore traditional and non-traditional materials. Issues of craft, concept and context will aid students in developing work that responds to currents in contemporary sculpture. This class will also provide students with a substantial grounding in 20th and 21st century sculptural theory and practice.

Term:

Offered Spring Term

- **ADFA-S251 Printmaking Studio**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently. Open to NESADSU majors only.

Term:

Offered Fall Term

• ADFA-S271 Fine Arts Seminar I

Prerequisites:

ADF S102 ADF S123, and ADF S152

Credits:

3.00

Description:

Fine Arts Seminar is designed as a vehicle for students to develop a personal relationship to contemporary art theory and practice. Questions are posed as a point of departure for the students to generate work. Visiting artists and weekly gallery and museum visits aid in examining aspects of current art making in order to assist students in creating a strong vision for their work. Restricted to Fine Arts Majors only.

Term:

Offered Fall Term

• ADFA-S272 Fine Arts Seminar I

Prerequisites:

ADFA S271

Credits:

3.00

Description:

A continuation of the first semester, this course aids students in recognizing the patterns and questions posed in their own studio practices. A large number of technical approaches to content will be explored.

Term:

Offered Spring Term

• ADFA-S311 Contemporary Trends & Practices

Prerequisites:

Intended for Majors only

Credits:

3.00

Description:

Contemporary Trends & Practices moves art theory into the studio and the studio out into the world. Students will look at the most significant artists and movements of the past 50 years while examining their social, cultural and political context. Canonized contemporary art categories (postmodernism, appropriation, anti-art and performance art are some examples) are assigned as group projects. Movements, strategy or style of art making is discussed as an expressive problem solving experience, blurring the lines between media. This course conflates contemporary art history with contemporary art practices.

Term:

Offered Fall Term

• ADFA-S330 Experimental Drawing & Painting

Prerequisites:

Take ADF-S123; or Instructor's Permission.

Credits:

3.00

Description:

This course is designed to provide a workshop style environment for students to achieve an increasingly sophisticated level of mastery. Students are encouraged to develop their own area of interest in painting and drawing. In class models will be available to those who want to work figuratively. Individual and group critiques are integrated into the semesters work. The class will study the works of contemporary and historical painters. This is not a class for beginning students.

Term:

Offered Both Fall and Spring

• ADFA-S342 Advanced Sculpture

Prerequisites:

ADFA S242

Credits:

3.00

Description:

In this course, students will explore contemporary sculptural issues, using a variety of found and generated materials. The process of installation, wall, floor, self-supported pieces and environmental works will be investigated.

Term:

Offered Spring Term

• ADFA-S344 Advanced Drawing Issues

Prerequisites:

Take ADFA-S272;

Credits:

3.00

Description:

This course has students assess their work of the past several years in order to determine current and future goals. Students use the tools they find in the relationship between 2D and 3D in order to define contemporary drawing for themselves.

Term:

Offered Fall Term

• ADFA-S345 Advanced Printmaking

Prerequisites:

ADFA S251 or instructor permission

Credits:

3.00

Description:

In Advanced Printmaking students will explore issues of technique, scale and multiple press runs that are not feasible within the context of the beginning Printmaking course. In this advanced course students will focus on a chosen area of traditional or contemporary print media, ranging from etching, digital imaging, lithography, paper molding, and photocopying, to relief and screen printing. Through the use of theory and developed skill, the course will allow students to create print-based works of an increasingly professional standard in both two and three dimensions. Students will undertake projects both as separate entities and as combined installed pieces, aimed at encouraging an individual, creative and professional approach to printmaking in the context of contemporary art practice.

Term:

Occasional

• ADFA-S361 Figure Studio: 2D

Prerequisites:

ADF S123 AND ADFA S241

Credits:

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century through the present.

Term:

Offered Fall Term

- **ADFA-S362 Figure Studio: 3D**

Prerequisites:

Take ADF-S152 ADFA-S361;

Credits:

3.00

Description:

This sculpture course considers the figure in its importance both as a historical element and as a reflection and definition of self. Established an understanding of the figurative form in the space by relating gesture and structure through manipulated form. Weight, mass, plane and volume are considered while working directly from the model.

Term:

Offered Spring Term

- **ADFA-S365 Advanced Figure Studio**

Credits:

3.00

Description:

This course is an extension of the Figure Studio 2D & 3D course. The focus will be on advanced figuration in relation to contemporary and historical works. Students will work in any media that pertains to their exploration of depiction and content. Students are expected to work in consultation with the professor in class and in their individual studios.

- **ADFA-S371 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272

Credits:

3.00

Description:

In this third semester of the Seminar sequence, students are responsible for integrating their visual culture influences and references within an expanded body of work.

Term:

Offered Fall Term

- **ADFA-S372 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272 and ADFA S371

Credits:

3.00

Description:

During this final Seminar semester, the focused studio practices of students are channeled into the development of their final thesis exhibition. The four-semester Fine Arts Seminar sequence.

Term:

Offered Spring Term

- **ADFA-S380 Advanced Seminar Projects**

Prerequisites:

Take ADFA-S272;

Credits:

3.00- 6.00

Description:

This course functions as a bridge between the undergraduate processes of Fine Arts Seminar and the postgraduate environment of the visual arts. Particular attention will be paid to the contexts used by students to define their work in relation to feedback of professional outside reviewers. Individual contracts between faculty and student will be developed at the beginning of each semester. Contracts will assess the priorities for the work and adapt studio practices for the creation of new work. A research component will be attached when awarding 4-6 credits.

Term:

Occasional

- **ADFA-S410 Senior Thesis**

Prerequisites:

Fine Arts Senior status required.

Credits:

3.00

Description:

This senior-level course readies the student for the furtherance of his or her career as a creative artist. Through the development of a written artist's statement, slide and electronic documentation and the charting of their individual artistic lineage, students will begin to place themselves within the context of the contemporary art world. Normally offered Spring semester.

Term:

Offered Spring Term

- **ADFA-S500 Drawing Fine Arts Directed Studio**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio (ADFA S500) or non-studio (ADFA 500) under the supervision of a full time fine arts faculty member. Please see Directed Study elsewhere in this catalog for details. Independent study forms are available from the Office of the Academic Dean and Registrar. All independent study projects must be approved by the individual faculty member, the Fine Arts Program Director, and the NESADSU Chairman. Normally available every semester.

2014-2015 Archived Catalog Information

French and French Studies

Students can pursue a traditional French major in the study of language, literature and civilization; they can also major in French Studies, which provides a broader English-speaking base and more interdisciplinary choices

Our study abroad programs provide authentic language experience. Our partnership with the CAVILAM Institute in Vichy, France offers two academic options: eight weeks or four weeks of intensive French. Both give students credit for courses taken abroad. The CCFS-Sorbonne program allows students to study for a semester or year in Paris, France. We host both a weekly table française and the French Club, which organizes a number of cultural events throughout the semester, such as the viewing and discussion of various films. Students who come from all regions of the French-speaking world work as modern language assistants to tutor students and to broaden their perspectives.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [French Courses](#)

Major Requirements: 10 courses, 40 credits

French Major

Required Courses (2 courses, 8 credits)

- FR-201 Intermediate French I

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

These required courses may be waived if students choose to study for two months in CAVILAM, our intensive summer language partner program in Vichy, France. Students who receive a score of “sem4+” on the online placement test in French have fulfilled the 201– 202 prerequisite. To qualify for admittance to either major, a student must complete the prerequisite with an average of “B” or higher.

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

Choose 1 literature course from the Early Period (4 credits), such as:

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

• FR-316 Masterpieces of Theatre

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

Choose 1 literature course from the Modern Period, such as:

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

Choose 4 additional French courses at the 300-level or above.

Note:

A maximum of four courses taken at other institutions, courses taken in our intensive summer language partner program with CAVILAM, or courses taken in a study abroad program in a French-speaking country can count toward the major.

French Studies Major

Required Courses (2 courses, 8 credits)

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

These required courses may be waived if students choose to study for two months in CAVILAM, our intensive summer language partner program in Vichy, France. Students who receive a score of “sem4+” on the online placement test in French have fulfilled the 201– 202 prerequisite. To qualify for admittance to either major, a student must complete the prerequisite with an average of “B” or higher.

Advanced Courses (8 courses, 32 credits)

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

Choose 1 literature course from the Early Period (4 credits), such as:

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

• **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

• **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

Choose 1 literature course from the Modern Period, such as:

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

BA FOREIGN

Choose 4 additional courses in French and/or French Studies, including FR and FRST courses at the 300-level or above, or courses relating to French culture from outside the department of World Languages and Cultural Studies. These courses include:

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

- **GVT-391 Canada: Multicultural Politics**

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE

- **PHIL-316 Existentialism**

Prerequisites:

Prerequisite: One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

An overview of the existentialist tradition. Primary focus on issues and problems arising from the existentialist reaction to classical philosophy. Topics include: paradoxes and contradictions of human nature and human condition; radical freedom, commitment, and responsibility; existential anxiety, meaninglessness and the rejection of God; authenticity and self-deception; individuality and community. Philosophers to be discussed will include

Kierkegaard, Nietzsche, Sartre, Camus, Dostoevsky, and Heidegger. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

• THETR-225 Intro to Theatre Arts

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• THETR-226 Intro to Theatre Arts II

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-263 Sabar: Music and Dance of Senegal

Credits:

4.00

Description:

This course explores the history and practice of music and dance in Senegal, West Africa taught through lectures, readings, and studio classes which are accompanied by live African drumming. Proper dance attire is required.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

Note:

A maximum of 4 courses taken at other institutions, courses taken in our intensive summer language partner program with CAILAM, or courses taken in a study abroad program in a French-speaking country can count toward the major.

Any Seminar for Freshmen with a topic related to the French-speaking countries (e.g. culture, politics, society) may count toward the major with the approval of the major advisor.

AP Credit:

Incoming students who receive a score of "4" or "5" on the AP French examination have fulfilled the prerequisite for the major.

2014-2015 Archived Catalog Information

French and French Studies

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Our study abroad programs provide authentic language experience. Our partnership with the CAVILAM Institute in Vichy, France offers two academic options: eight weeks or four weeks of intensive French. Both give students credit for courses taken abroad. The CCFS-Sorbonne program allows students to study for a semester or year in Paris, France. We host both a weekly table française and the French Club, which organizes a number of cultural events throughout the semester, such as the viewing and discussion of various films. Students who come from all regions of the French-speaking world work as modern language assistants to tutor students and to broaden their perspectives.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [French Courses](#)

Minor Requirements: 6 courses, 24 credits

French Minor

Prerequisites (2 courses, 8 credits):

- FR-201 Intermediate French I

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

The prerequisites may be waived if students choose to study for two months in CAVILAM, our intensive summer language partner program in Vichy, France. Students who receive a score of “sem4+” on the online placement test in French have fulfilled the 201-202 prerequisite. To qualify for admittance to either minor, a student must complete the prerequisite with an average of “B” or higher.

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

Choose 1 literature course from the Early Period (4 credits), such as:

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

• FR-316 Masterpieces of Theatre

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

Choose 1 course from the Modern Period, such as:

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

French Studies Minor

Prerequisites (2 courses, 8 credits):

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

Advanced Courses (4 courses, 16 credits):

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

Choose 1 course from the Early Period (such as 309, 315, or 316) or 1 course from the Modern Period (such as 310,317, or 318):

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djébar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

BA FOREIGN

Choose 2 additional courses in French and/or French Studies, including FR and FRST courses at the 300-level or above, or courses relating to French culture from outside the department of World Languages and Cultural Studies. (See courses listed under French Studies Major).

AP Credit:

Incoming students who receive a score of “4” or “5” on the AP French Examination have fulfilled the prerequisite for the minor.

A maximum of two courses taken at other institutions or as part of our intensive summer language partner program with CAVILAM can count toward the minor in French or French Studies.

2014-2015 Archived Catalog Information

French and French Studies

Students can pursue a traditional French major in the study of language, literature and civilization; they can also major in French Studies, which provides a broader English-speaking base and more interdisciplinary choices

Our study abroad programs provide authentic language experience. Our partnership with the CAVILAM Institute in Vichy, France offers two academic options: eight weeks or four weeks of intensive French. Both give students credit for courses taken abroad. The CCFS-Sorbonne program allows students to study for a semester or year in Paris, France. We host both a weekly table française and the French Club, which organizes a number of cultural events throughout the semester, such as the viewing and discussion of various films. Students who come from all regions of the French-speaking world work as modern language assistants to tutor students and to broaden their perspectives.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [French Courses](#)

In order to be considered for honors in French, a student must satisfy the following criteria:

1. Students interested in honors should consult with the department chair during the spring semester of the junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 GPA in French courses.
2. Honors candidates should register for FR-502 in the fall semester of the senior year. Under the guidance of a faculty member, they will use this course to complete a research paper. This paper will be evaluated by all professors in the student's field of study. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

• FR-502 Honors Senior Thesis in French

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member offered every fall semester. Prerequisites: Senior standing & permission of the department chair.

Term:

Offered Fall Term

Type:

BA FOREIGN

2014-2015 Archived Catalog Information

French and French Studies

Students can pursue a traditional French major in the study of language, literature and civilization; they can also major in French Studies, which provides a broader English-speaking base and more interdisciplinary choices

Our study abroad programs provide authentic language experience. Our partnership with the CAVILAM Institute in Vichy, France offers two academic options: eight weeks or four weeks of intensive French. Both give students credit for courses taken abroad. The CCFS-Sorbonne program allows students to study for a semester or year in Paris, France. We host both a weekly table française and the French Club, which organizes a number of cultural events throughout the semester, such as the viewing and discussion of various films. Students who come from all regions of the French-speaking world work as modern language assistants to tutor students and to broaden their perspectives.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [French Courses](#)

• FR-101 Elementary French I

Credits:

4.00

Description:

Emphasis on developing reading, writing, speaking, and listening skills. Audio-visual and textual materials based on French cultural themes. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-102 Elementary French II**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 101. Offered every spring semester.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities Literature Requirement

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso,

Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• FR-305 Advanced Conversation and Composition And Grammar

Prerequisites:

FR 202 or Instructor's consent.

Credits:

4.00

Description:

This course encourages the student to perfect conversational and writing skills in French. Authentic language and formal writing skills are detailed in this course. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne, or Suffolk-Dakar Programs.

Term:

Offered Spring Term

Type:

BA FOREIGN

• FR-306 Composition, Conversation and Advanced Grammar

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

• **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

This course aims to introduce students to the French Enlightenment and its culture leading up to the French Revolution through a focus on one significant figure: Marie Antoinette. A core concern will be the relationship of female image and the body politic in eighteenth-century France. Other topics to be discussed include women and power, political scandal and public opinion, fashion and self-representation, motherhood and domesticity, and revolution and gender iconography. In conclusion we will consider the legacy of Marie Antoinette as martyr and fetish object in the nineteenth and twentieth centuries and focus on her continuing relevance today. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as

well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

BA FOREIGN

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-401 Special Topics in French and Francophone Studies**

Credits:

4.00

Description:

This seminar examines a range of topics in French and Francophone Studies. It provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

Type:

BA FOREIGN

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **FR-421 Sejour Linguistique en France**

Prerequisites:

FR 201-202 or permission of instructor

Credits:

4.00- 8.00

Description:

This course is an immersion program in Vichy, France through our partnership with CAVILAM. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Summer

Type:

Expanded Classroom Requirement, BA FOREIGN

- **FR-422 Sejour Linguistique au CCFS-Sorbonne**

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

This course is an immersion program in Paris, France through our partnership with CCFS-Sorbonne. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement,BA FOREIGN

• FR-502 Honors Senior Thesis in French

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member offered every fall semester. Prerequisites: Senior standing & permission of the department chair.

Term:

Offered Fall Term

Type:

BA FOREIGN

• FR-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

• FR-T212 Business French Tutorial

Prerequisites:

FR-201 and FR-202 or instructor's permission

Credits:

1.00

Description:

INSTRUCTOR'S CONSENT Tutorial studies of the terminology, organization and practice of business in the French-speaking world.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

German Studies

The cultural, scientific, and technological achievements of the German-speaking peoples are known and valued throughout the world. German is the official language of Germany and Austria, one of the official languages of Switzerland, and is also widely spoken in Eastern Europe. A minor in German Studies is available. There is no major in German Studies.

- [Minor Requirements](#)
- [German Courses](#)

Minor Requirements: 6 courses, 24 credits

Prerequisites (2 courses, 8 credits)

- GER-201 Intermediate German I

Prerequisites:

GER 102 or instructor's consent

Credits:

4.00

Description:

Four-skills approach (speaking, listening, reading, writing) utilizing authentic texts, recordings, and visual media. Grammar review, vocabulary expansion, and intensive practice. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **GER-202 Intermediate German II**

Prerequisites:

GER 201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

Advanced Courses (4 courses, 16 credits)

- **SF-104 Berlin and Vienna: Cradles of Modernity**

Credits:

4.00

Description:

Does cultural identity come from language, history, or both? German is spoken in the capital cities of Germany and Austria, but no one would confuse a Berliner with a Viennese. We will try to find out what is behind this conundrum by studying dramas, stories, and historical texts; examining buildings and works of art; and viewing films.

- GER-216 Masters of German Literature in English Translation Masterpieces

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

- GER-301 German Civilization I

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-302 German Civilization II

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-303 Advanced Conversation

Prerequisites:

GER 202, or Instructors consent

Credits:

4.00

Description:

Further development of speaking ability in various contexts (e.g., informal conversation, debate, discussion of current events in the German-speaking countries). Short texts and audio-visual materials as a basis for classroom activities.

Term:

Occasional

Type:

BA FOREIGN

- **GER-304 Advanced Composition**

Prerequisites:

GER 202 or consent of the instructor

Credits:

4.00

Description:

Additional training in writing German. Practice in various modes (e.g., essay, poetry, dramas, short fiction). Some translation into English. Special attention paid to grammatical points where needed.

Term:

Occasional

Type:

BA FOREIGN

- **GER-306 German Cinema**

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-310 Masterpieces of German Literature

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement, BA FOREIGN

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

- GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from it's grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Related Disciplines:

A maximum of two courses from other departments can be counted toward the minor with the approval of the chair. Other courses may be permitted at the discretion of the advisor. The courses include the following:

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **HST-407 German History 1517 - 1871**

Credits:

4.00

Description:

This course explores the social, political and cultural development of the German-speaking population of central Europe from the beginning of the Reformation to the proclamation of the Second Reich, with major attention to the Wars of Religion, the emergence of Prussia and its competition with Austria, and the development of German nationalism.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-411 Europe, 1815 - 1914

Credits:

4.00

Description:

The political, economic, social and cultural development of the principal European states from 1815-1914. Topics include: restoration and resistance after the Congress of Vienna; the evolution of the rising European middle class; the revolutions of 1848; the effects of industrialization and urbanization; nationalism and imperialism; socialism, feminism, and conservative reaction; Modernist culture and the rise of the Avant-garde; the political and diplomatic antecedents to World War I.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-412 Europe in the 20th Century

Credits:

4.00

Description:

The political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-414 Nazi Germany**

Credits:

4.00

Description:

German and European preconditions; the Versailles Treaty and the failure of the Weimar Republic; Hitler's ideas, collaborators and institutions; Nazi foreign and domestic policy; World War II and the concentration camps.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-426 Politics and Culture in Europe 1919-1939**

Credits:

4.00

Description:

This course examines the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-434 The New Europe Since 1945**

Credits:

4.00

Description:

The course will focus on the Soviet Union, Germany and their neighbor states, beginning with an exploration of the contradictory genesis of Glasnost and Perestroika in economic stagnation and in the liberation tradition of socialism. It examines the impact of these movements and their related dislocations on the Europe of the late 1980s and 1990s, as well as their implications for the new Europe of the twenty-first century.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-414 Topics in Philosophy**

Credits:

4.00

Description:

A detailed exposition and evaluation of a specific topic or of the views of one major philosophical thinker or group of thinkers. Readings from both primary and secondary sources. Prerequisite: PHIL 210 or 211 or consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-418 Kant: Profiles in Philosophy**

Prerequisites:

PHIL 211

Credits:

4.00

Description:

An examination of Kant's ethics and theory of knowledge, including the following topics: structures of our knowledge of nature and the empirical world; the limits of rationality; the possibility of any knowledge of God, the soul and other metaphysical entities; the antinomies (paradoxes) of pure reason; Kant's theory of unconditional morality based on duty; the idea of the categorical imperative; autonomy and universal moral law; the problem of evil. Selections from Kant's political writings will also be introduced. Prerequisite: PHIL 211 or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

AP and Other Credit:

- Incoming students who receive a score of “4” or “5” on the AP German examination have fulfilled the prerequisite for the minor.
- A maximum of two courses taken at other institutions or as part of a study abroad program in a German-speaking country may apply toward the minor.

2014-2015 Archived Catalog Information

German Studies

The cultural, scientific, and technological achievements of the German-speaking peoples are known and valued throughout the world. German is the official language of Germany and Austria, one of the official languages of Switzerland, and is also widely spoken in Eastern Europe. A minor in German Studies is available. There is no major in German Studies.

- [Minor Requirements](#)
- [German Courses](#)

- GER-101 Elementary German I

Credits:

4.00

Description:

Practice in both oral and written language skills using German culture as background for language study. Emphasis on active use of German to master structure, pronunciation and vocabulary. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- GER-102 Elementary German II

Prerequisites:

Ger-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

• GER-201 Intermediate German I

Prerequisites:

GER 102 or instructor's consent

Credits:

4.00

Description:

Four-skills approach (speaking, listening, reading, writing) utilizing authentic texts, recordings, and visual media. Grammar review, vocabulary expansion, and intensive practice. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **GER-202 Intermediate German II**

Prerequisites:

GER 201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-301 German Civilization I**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-303 Advanced Conversation**

Prerequisites:

GER 202, or Instructors consent

Credits:

4.00

Description:

Further development of speaking ability in various contexts (e.g., informal conversation, debate, discussion of current events in the German-speaking countries). Short texts and audio- visual materials as a basis for classroom activities.

Term:

Occasional

Type:

- GER-304 Advanced Composition

Prerequisites:

GER 202 or consent of the instructor

Credits:

4.00

Description:

Additional training in writing German. Practice in various modes (e.g., essay, poetry, dramas, short fiction). Some translation into English. Special attention paid to grammatical points where needed.

Term:

Occasional

Type:

BA FOREIGN

- GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- GER-310 Masterpieces of German Literature

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement, BA FOREIGN

- GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

- GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from it's grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• GER-502 Honors Thesis

Prerequisites:

Permission of the Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Offered Fall Term

Type:

BA FOREIGN

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Government

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- [Minor Requirements](#)
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- [Honors](#)
- [Societies](#)
- [Courses](#)

All Government majors in all concentrations must complete the following 5 core courses (17 credits).

Foundation Major Requirements (5 courses, 17 credits)

- GVT-110 Introduction to American Democracy

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-115 Evolution of the Global System

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

• GVT-120 Research Methods

Credits:

4.00

Description:

Building on the skills learned in GVT 110, students will be introduced to the subfields of political science and learn to analyze political writings. Focus will be on the use of the scientific method for research on politics and government. Students will learn the steps in writing a research paper, including developing the research question and selecting a research design. Attention will be given to the use of statistical analysis and public opinion polling in political research.

Type:

Social Science

- **GVT-201 Statistics for Political Science**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

This course is an introduction to statistics and empirical research methods generally used in political science. The course will emphasize the use of statistics and its value in substantive political science research. Statistics is a tool for drawing conclusions and making inferences from observable evidence. As well, the specification of conditions under which evidence is observed affects the conclusions and arguments that political scientists draw about how social and political processes work. The purpose of this course is to equip students with tools to interpret and conduct original data analysis, critique and make an argument based on data, and provide a view into the process of political science research and how political scientists use statistical methods and research design to answer substantive questions about politics. Since most applied data analysis utilizes data management software, students will learn how to use SPSS as a tool for conducting data analysis. Prerequisites: Sophomore Standing, GVT 110 and 120 and Math 130 or instructor's consent. 1 term - 4 credits.

Type:

Quantitative Reasoning

- **GVT-515 Senior Seminar**

Credits:

1.00

Description:

This course is designed to provide all Government degree-seeking students with a team-taught capstone experience. In this course, we will collectively discuss and consider career, professional and academic experience for the Government major, including learning more about the fields of public policy, public service, law, nonprofit management, international development, and nongovernmental organization management. This course

focuses on career entry and transition, networking for career success, impression management concept and skills, and related life-long learning skills. Students articulate and reflect on academic, work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. Pre-requisite: Senior standing.

Type:

Social Science

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American Politics Concentration - BA or BS in American Politics

This concentration provides a broad overview of the American political process. The concentration offers a strong undergraduate preparation for entry into advanced degree programs, professional careers in public policy, public service, private institutions and political organizations in the United States.

Concentration Requirements (3 courses, 12 credits)

- GVT-224 Introduction to Public Policy

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-223 American Politics & Institutions

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-345 Public Policy Writing

Credits:

4.00

Description:

This course provides an introduction to the importance of written communication in the public discourse and in public decision-making. The course will examine some of the tools for producing relevant, useful material in the professional public policy analysis arena. The course will also study the various kinds of written communication the policy makers and advocates regularly utilize. The course also provides an introduction to the constraints that surround effective communication in public policymaking. Students will engage in drafting several different kinds of public policy analyses.

Type:

BSJ SOCIAL SCIENCE, Social Science

Elective Courses (3 courses, 12 credits)

Choose three of the following courses:

- **GVT-204 Women in American Politics**

Credits:

4.00

Description:

An examination of women's place in the Constitution; policy concerns; and political participation. Attention will be given to women's societal roles and attitudes towards women of different classes and races and the ways in which these roles and attitudes influence women's political participation. Attention will also be given to the theories and perspectives of the current women's movement as they influence policy considerations. Cultural Diversity A

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

- **GVT-240 Acts of Courage and Political Conscience**

Credits:

4.00

Description:

This course will explore the actions and words of a range of individuals who dared to be different in the hope of having an impact on U. S. politics and society. The expression of their views and actions may have initially been rejected. In other cases, their views served as catalysts for change.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-253 State and Local Government

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

The development, structure and functions of state governments with emphasis on the government of Massachusetts; the various forms of local government in cities and towns; analysis of the relationships between local, state and federal governments. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-280 Law, Public Policy, and Psychology

Credits:

4.00

Description:

The law affects and is affected by public policy. Beyond this, the law affects, and is affected by, many other disciplines. Understanding the evolving relationship among public policy, law and psychology in the US is integral to both disciplines. This course explores contemporary forensic psychology's role in the legal system - e.g., jury selection; expert witnesses; biases; crime control vs. due process, etc. through readings, class discussion, occasional audio-visual material and guest speakers if and when appropriate and available. Normally offered every other year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-302 Public Relations and Lobbying**

Credits:

4.00

Description:

Methods and practices of interest groups trying to influence legislative and administrative decision making; methods and practices of public agencies trying to influence governmental policies; the military industrial complex and other cases on federal and state levels. Normally Offered every third year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This hybrid course will examine the political leadership and influence of women within political institutions and on public policy. The course is divided into two parts: Part 1 will examine women in politics, with particular attention given to the intersectional realities of race, class, gender identity, and ideological orientation. Specific policy areas, including reproductive choice, housing, pay equity, and domestic relations, will be discussed in Part 2.

Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

- **GVT-335 Law, Politics and Public Health**

Credits:

4.00

Description:

Law is one of the primary tools used to protect public health in the United States. This course will use various case studies (tobacco industry, food industry, health care policy, etc.) to explore innovative uses of the law in diverse areas related to public health. Students will learn about the ways in which attorneys, public officials, politicians, and public health practitioners work together to make public health policy. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-337 Public Policy & Business

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

Public policy-makers' interests in formulating and implementing policy in the areas of environmental protection, consumer protection, equal employment opportunity, health care, taxation and competition with a focus on business responsibility will be critically analyzed. Costs and benefits to the public and business will be evaluated. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-339 Community Advocacy

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course represents a unique opportunity for students to develop a general understanding of the relationship between politics and the community; a systematic and holistic way of viewing and analyzing the impact of community- based, community-wide organizations and efforts. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-346 The American Presidency**

Prerequisites:

GVT 110 AND GVT 120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Perspectives on the role and problems of the presidency in American political life; the nature and difficulties of presidential influence and effectiveness, presidential authority within our system of government, and the impact of presidential character. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-347 Legislative Politics**

Prerequisites:

GVT 110 and GVT 120 or instructor's consent

Credits:

4.00

Description:

The structure and functioning of legislatures. Particular emphasis on the U.S. Congress, how it works and how it compares with other legislatures. The role of legislatures in a democracy. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-352 Constitutional Reform

Prerequisites:

GVT 110, 120, 243, and 244 or instructor's permission

Credits:

4.00

Description:

A critical analysis of whether our constitutional system is adequate to effectively resolve the new and complex problems of governance in this century. The strengths and weaknesses of governmental structure created by the U.S. Constitution will be examined. Past and current amendment proposals will receive special attention. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-355 American Parties & Politics

Prerequisites:

GVT 110 AND GVT 120, or instructor's consent

Credits:

4.00

Description:

Historical overview of party development in the U.S. and of ideological and political trends as reflected in voting behavior. Recent developments in party structure, electoral strategies and political style. The party crisis vs. the art of political campaigning. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-357 Power & Politics in America's Cities**

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S PERMISSION Junior status or above

Credits:

4.00

Description:

This online course is uniquely designed to examine the power dynamics and struggles that characterize the urban political landscape. Mayor leadership and corruption, community engagement and apathy, and resource and public service expansion and retraction will be critically examined as key elements that can help some cities grow and hasten the decline of others. Within an online environment we will study the dynamic cities of New York City, Chicago, Atlanta, Boston, Cleveland, Detroit, and New Orleans. Additionally, we will examine broader trends that emerge from and examination of cities by size and region.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-358 Politics and the Media**

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course will explore the influence of the media on contemporary political issues and public opinion; and the use of media in political campaigns, advertising, etc. Topics may include the impact of talk radio", the issue of the media bias, the role of television, the Hollywood connection", etc. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-360 Elections and Voting**

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

Type:

Humanities & History,Social Science,BSJ SOCIAL SCIENCE

- **GVT-435 Race and Public Policy**

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Sophomore Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-462 Debates on Conflicting Ideas in U.S. Foreign Policy**

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

In order to understand the change and continuity in U.S. foreign policy, it is crucial to examine the debate among those who inform the ideas put forward by U.S. foreign policy experts, policymakers, and the group-whether political parties or NGOs-with which they are allies. This course will explore the importance of ideas in U.S. foreign policy from the early days of the republic with an emphasis on the post-World War II period.

Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

Type:

Social Science

- **GVT-463 International Legal Systems**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course explains the main components of the international legal system. It begins by exploring the rules, principles and norms that govern the relationship among states, the different cultural and philosophical legal perspectives and the history of the international legal system. The second part of the course covers the study of the sources and subjects of the international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors. The third part of the course addresses a number of significant topics derived from the process of globalization legal norms: human rights, humanitarian intervention, law of the sea, environmental law, and economic relations.

Type:

Social Science

- **GVT-503 Washington Academic Seminar I**

Prerequisites:

This course fulfills the Expanded Classroom Requirement. Instructor's consent is required.

Credits:

4.00

Description:

An intensive off-campus experience, normally of two-weeks duration, arranged through a qualified agency in Washington, D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. Students are normally required to keep a journal of the off-campus experience and to write a significant research paper based on the topic of the academic seminar upon their return.

Type:

Social Science, Expanded Classroom Requirement

- **GVT-521 Internship in Government**

Prerequisites:

Junior standing

Credits:

4.00

Description:

Approximately 12 hours a week working in a position that offers the student significant opportunity to learn about politics and/or government. Interested students should consult instructor in advance. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-523 Washington Internship**

Prerequisites:

Sophomore standing and instructor's permission required

Credits:

12.00

Description:

A full-time, one-semester internship in Washington, D.C. Consult the Department office for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-524 Washington Internship**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524; Sophomore standing;

Credits:

4.00

Description:

ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-526 International Internship-London**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science, Expanded Classroom Requirement

• **GVT-528 International Seminar I**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 529

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation. ECR

Type:

Social Science, Expanded Classroom Requirement

• **GVT-529 International Seminar II**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 528

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation ECR

Type:

- **GVT-555 Senior Thesis**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the department, for students in all tracks who meet the criteria for departmental honors and who wish to prepare a thesis for submission to the honors committee. Must be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 6 credits in Government at Suffolk University; advisor's signed consent; application approved by honors committee in spring of applicant's junior year. 1 term - 4 credits. Normally offered every fall.

Type:

Social Science

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Law and Public Policy Concentration - BA or BS in Law and Public Policy

The Law and Public Policy concentration offers students a framework for understanding the legal underpinnings of public policy and the opportunity to study and critically analyze state, federal, and international legal issues and the institutions in which legal decisions are made. The concentration offers a strong undergraduate preparation for entry into advanced degree programs in the law, public policy and professional careers in public policy, public service, private institutions, and political organizations. Prelaw advising is regularly available for government majors in any concentration who plan to apply to law school.

Concentration Requirements (4 courses, 16 credits)

- **GVT-224 Introduction to Public Policy**

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-225 U.S. Constitutional Law & Civil Liberties**

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

- **GVT-245 Courts, Public Policy, and Legal Research**

Credits:

4.00

Description:

This course examines the public policy-making role of the court system and examines questions such as whether and how courts can spur political and social reform. The direct and secondary effects of key court decisions will be examined. Case studies may focus on issues like civil rights and pro-choice court cases and political activism. The course will also examine the basics of policy-related legal research.

- **GVT-345 Public Policy Writing**

Credits:

4.00

Description:

This course provides an introduction to the importance of written communication in the public discourse and in public decision-making. The course will examine some of the tools for producing relevant, useful material in the professional public policy analysis arena. The course will also study the various kinds of written communication the policy makers and advocates regularly utilize. The course also provides an introduction to the constraints that surround effective communication in public policymaking. Students will engage in drafting several different kinds of public policy analyses.

Type:

BSJ SOCIAL SCIENCE, Social Science

Elective Options (2 courses, 8 credits)

Choose two of the following courses:

- **GVT-280 Law, Public Policy, and Psychology**

Credits:

4.00

Description:

The law affects and is affected by public policy. Beyond this, the law affects, and is affected by, many other disciplines. Understanding the evolving relationship among public policy, law and psychology in the US is integral to both disciplines. This course explores contemporary forensic psychology's role in the legal system - e.g., jury selection; expert witnesses; biases; crime control vs. due process, etc. through readings, class discussion, occasional audio-visual material and guest speakers if and when appropriate and available. Normally offered every other year.

Type:

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This hybrid course will examine the political leadership and influence of women within political institutions and on public policy. The course is divided into two parts: Part 1 will examine women in politics, with particular attention given to the intersectional realities of race, class, gender identity, and ideological orientation. Specific policy areas, including reproductive choice, housing, pay equity, and domestic relations, will be discussed in Part 2.

Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

- **GVT-335 Law, Politics and Public Health**

Credits:

4.00

Description:

Law is one of the primary tools used to protect public health in the United States. This course will use various case studies (tobacco industry, food industry, health care policy, etc.) to explore innovative uses of the law in diverse areas related to public health. Students will learn about the ways in which attorneys, public officials, politicians, and public health practitioners work together to make public health policy. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-337 Public Policy & Business**

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

Public policy-makers' interests in formulating and implementing policy in the areas of environmental protection, consumer protection, equal employment opportunity, health care, taxation and competition with a focus on business responsibility will be critically analyzed. Costs and benefits to the public and business will be evaluated. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-339 Community Advocacy

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course represents a unique opportunity for students to develop a general understanding of the relationship between politics and the community; a systematic and holistic way of viewing and analyzing the impact of community- based, community-wide organizations and efforts. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-347 Legislative Politics

Prerequisites:

GVT 110 and GVT 120 or instructor's consent

Credits:

4.00

Description:

The structure and functioning of legislatures. Particular emphasis on the U.S. Congress, how it works and how it compares with other legislatures. The role of legislatures in a democracy. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-352 Constitutional Reform

Prerequisites:

GVT 110, 120, 243, and 244 or instructor's permission

Credits:

4.00

Description:

A critical analysis of whether our constitutional system is adequate to effectively resolve the new and complex problems of governance in this century. The strengths and weaknesses of governmental structure created by the U.S. Constitution will be examined. Past and current amendment proposals will receive special attention. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-435 Race and Public Policy

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Sophomore Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-462 Debates on Conflicting Ideas in U.S. Foreign Policy**

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

In order to understand the change and continuity in U.S. foreign policy, it is crucial to examine the debate among those who inform the ideas put forward by U.S. foreign policy experts, policymakers, and the group-whether political parties or NGOs-with which they are allies. This course will explore the importance of ideas in U.S. foreign policy from the early days of the republic with an emphasis on the post-World War II period.

Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

Type:

Social Science

• GVT-463 International Legal Systems

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course explains the main components of the international legal system. It begins by exploring the rules, principles and norms that govern the relationship among states, the different cultural and philosophical legal perspectives and the history of the international legal system. The second part of the course covers the study of the sources and subjects of the international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors. The third part of the course addresses a number of significant topics derived from the process of globalization legal norms: human rights, humanitarian intervention, law of the sea, environmental law, and economic relations.

Type:

Social Science

• GVT-503 Washington Academic Seminar I

Prerequisites:

This course fulfills the Expanded Classroom Requirement. Instructor's consent is required.

Credits:

4.00

Description:

An intensive off-campus experience, normally of two-weeks duration, arranged through a qualified agency in Washington, D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. Students are normally required to keep a journal of the off-campus experience and to write a significant research paper based on the topic of the academic seminar upon their return.

Type:

Social Science, Expanded Classroom Requirement

• GVT-521 Internship in Government

Prerequisites:

Junior standing

Credits:

4.00

Description:

Approximately 12 hours a week working in a position that offers the student significant opportunity to learn about politics and/or government. Interested students should consult instructor in advance. ECR

Type:

Social Science, Expanded Classroom Requirement

• GVT-523 Washington Internship

Prerequisites:

Sophomore standing and instructor's permission required

Credits:

12.00

Description:

A full-time, one-semester internship in Washington, D.C. Consult the Department office for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-524 Washington Internship**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524; Sophomore standing;

Credits:

4.00

Description:

ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-526 International Internship-London**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science,Expanded Classroom Requirement

- **GVT-528 International Seminar I**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 529

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-529 International Seminar II**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 528

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation ECR

Type:

Social Science, Expanded Classroom Requirement

• **GVT-555 Senior Thesis**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the department, for students in all tracks who meet the criteria for departmental honors and who wish to prepare a thesis for submission to the honors committee. Must be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 6 credits in Government at Suffolk University; advisor's signed consent; application approved by honors committee in spring of applicant's junior year. 1 term - 4 credits. Normally offered every fall.

Type:

Social Science

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Government

The Government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision-making. Government undergraduate degrees are organized around four field concentrations: American Politics, International Relations, Law and Public Policy, and Political Theory. Concentrations provide an opportunity for focused study in several specialized fields offered by the Department. Students must choose at least one area of concentration; students may also combine up to two concentrations.

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Concentration in International Relations – BA in International Relations

The purpose of this concentration is to give students the preparation and tools necessary to pursue careers in international affairs, including the public sector, private companies, and independent sector organizations that operate in the international environment. It is also suitable for students planning graduate study in political science, law, or diplomacy. Students with a Concentration in International Relations must earn the BA.

Concentration Requirements (3 courses, 12 credits)

- GVT-261 Theory & Practice of International Relations

Prerequisites:

GVT 110, and GVT 120 or consent of instructor.

Credits:

4.00

Description:

Review of major approaches to the study of international relations. Definition of concepts such as power, nationalism, imperialism, and dependency. Special attention to the use of force and conflict resolution. Special class project. Normally offered every year.

Type:

Social Science

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110 and GVT 120 or consent of instructor.

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-310 Global Political Economy**

Prerequisites:

GVT 281 and GVT 261 or instructors consent

Credits:

4.00

Description:

This course explores the main premises and approaches to study Global Political Economy. After analyzing the history and development of the international system, it studies how states and markets are interconnected in the creation and reform of economic and political international institutions in the globalization process. It also focuses on the most acute problems of the current international system in the area of IPE, namely, environmental degradation, external debt, poverty, increasing gap between rich and poor countries, and trade conflicts. Offered every year.

Type:

Social Science

Elective Options (3 courses, 12 credits)

Choose 1 course from Elective Group 1:

- **GVT-308 International Security**

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

This course examines the dynamic evolution of the debates on International Security as well as the transformations in the main global and regional security institutions such as UN and NATO. Based upon International Relations perspectives, it analyzes the traditional definitions of security at the national, regional and international levels of analysis since 1945. Likewise, it studies how states and international institutions have revisited the concepts, policies and strategies of security since the end of the Cold War and after the September 11 events, from realist perspectives to the Copenhagen School of security studies. Offered every year.

Type:

Social Science

- **GVT-363 American Foreign Policy**

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

A decision-making approach to understanding the domestic and institutional context of U.S. foreign policy. Includes analysis of continuity and change since WWII using case studies of critical decisions, e.g., Korea, Cuba, Vietnam, etc. Not open to freshmen. Prerequisites: GVT 110, GVT 120, GVT 261 or instructor's consent. 1 term - 4 credits. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-463 International Legal Systems**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course explains the main components of the international legal system. It begins by exploring the rules, principles and norms that govern the relationship among states, the different cultural and philosophical legal perspectives and the history of the international legal system. The second part of the course covers the study of the sources and subjects of the international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors. The third part of the course addresses a number of significant topics derived from the process of globalization legal norms: human rights, humanitarian intervention, law of the sea, environmental law, and economic relations.

Type:

- **GVT-465 International and Transnational Organizations**

Prerequisites:

GVT-261

Credits:

4.00

Description:

This course explores the institutional structures, political processes, and impact of international governmental and nongovernmental organizations. It analyzes their increasingly prominent role in efforts to resolve a wide range of global problems and contribution to strengthen the current system of global governance. While the course covers the problems of international security, global distribution of wealth, deterioration of the environmental system, and threats to social welfare, it focuses on the interaction between the United Nations System and regional organizations, on the one hand, and the role of non-governmental organizations in cooperating or competing to solve specific problems in the area of international relations.

Type:

Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

Choose 1 course from Elective Group 2:

- **GVT-382 Crisis and Integration in Europe**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Why did 17 European countries surrender the sovereign control of their currency and create the Euro? Will Turkey become a member of the European Union? Will Europeans continue free riding the security protection of the United States? Is the integration process another layer of bureaucracy or an

institutional instrument to deal with the permanent crises in Europe? There are some of the questions guiding the discussions in the class.

Type:

Social Science

• GVT-383 African Politics

Prerequisites:

GVT 110 and GVT 120

Credits:

4.00

Description:

The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social and personal factors; political forces at work in present day Africa. Not open to freshmen. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

• GVT-385 Central and South Asian Politics Republics

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

This course will examine political and economic institutions of newly independent entities from Kazakhstan to the Baltics. It will include historical roots of the Soviet Union from the Russian Revolution through the Gorbachev years. Attention will be paid to Marxist theory and non-Marxist challenges for the economy of the area as well as the state. While some of attention will be paid to foreign relations of the former Soviet Union and the current

regimes with Western Europe and the U.S. and elsewhere, the major emphasis will be on domestic policy on citizens of the former Soviet Union. Normally offered alternate years.

Type:

Social Science

• GVT-393 Latin American Politics Today

Prerequisites:

GVT 281 or instructor consent

Credits:

4.00

Description:

This course examines the evolution of Latin America in the context of globalization. The first part analyzes the main political and economic trends of Latin America as a region, while the second presents the main challenges Mexico is facing today in the area of security. The third part moves forward into the detailed explanation of the transformations of the largest South American countries such as Colombia, Argentina, Chile and Venezuela, among others. The final section looks at the relationship between Latin America and the United States.

Type:

Cultural Diversity Opt B, Social Science

• GVT-411 Politics of North and South East Asia

Credits:

4.00

Description:

This course examines the cultural background and political systems mainly of China, Korea and Japan, also touching upon the small tiger states in South-East Asia. It elucidates the historical origins, evolution and current trajectory of these states with a particular concentration on North Korea. One further concentration is the interplay of domestic and foreign policy in the relations of these states, regional stability and cooperation. Topics include history, social structure, the interplay of culture and ideology, political economy, humanitarian issues, security, and the politics of North Korean

domestic and foreign policy. We will spend considerable time analyzing China's and North Korea's relationship with regional and world powers and examining the origins, history, and implications of the North Korean nuclear weapons program. Students will be expected to demonstrate the ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to East Asia.

Type:

Social Science,Asian Studies

- **GVT-485 Politics of the Middle East**

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and Arab rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science

Choose 1 course from Elective Group 3:

- **GVT-283 Challenges to Development in the Global South**

Credits:

4.00

Description:

Theories dealing with the process of political change in countries of the Third World: the impact of the military, traditional culture and institutions, economic problems, strong personalities and other factors on political life and institutions. Prerequisite: Not open to freshmen. 1 term - 4 credits.

Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

• GVT-307 Globalization of Gender Politics

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

This course examines the interaction between gender and globalization. It discusses the centrality of gender in international development by focusing on gender as one of the most critical factors that affect the success or the failure of globalization. Critically reviewing general theories of globalization, the course presents a historical overview of gender and development. It then explores selected topics: global restructuring and feminization of the labor force, gender in multinational corporations, gender and international migration, sex-tourism, AIDS, and the impact of the state, religion, and culture in creating social dislocations and inequalities. Finally, we will consider strategies of change and diverse forms of resistance by women.

Offered as needed. Cultural Diversity B

Type:

Social Science, Cultural Diversity Opt B, BSJ SOCIAL SCIENCE

• GVT-311 Politics of the Arab-Israeli Conflict

Prerequisites:

Open to Juniors and Seniors

Credits:

4.00

Description:

An analysis of the origins and the local, regional, and international dimensions of the Palestinian-Israeli-Arab conflict, this course will examine the conflict through the eyes of the major protagonists and the roles played by them from the early twentieth century to the present: Zionists/Israelis, Palestinians and other Arabs, British, Americans, Soviets. We will also explore the questions of why this conflict has captured the world's attention and why it has gone unresolved since World War II. Finally, we will examine the possibilities and attempts for resolution of what appears to be an intractable human tragedy.

Type:

Social Science

- **GVT-384 The U.S. and the International Relations of the Middle East**

Credits:

4.00

Description:

This course will explore the role played by the United States in the Middle East in the twentieth century, with emphasis on the period since World War II. Our study will begin with a decision-making approach to understanding the domestic and institutional context of America's policy toward the region, followed by an examination of that policy as it confronted radical nationalist, socialist, and Islamic movements, Soviet influence, and specific contemporary problems - the Arab-Israeli conflict, the Lebanese civil war, the Iranian revolution, the Iran-Iraq War, and the Gulf War. Open to non-majors, not open to freshmen. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-387 Conflict & Reconciliation: Community Service Abroad**

Prerequisites:

GVT 281 or instructor's consent. Junior status or above

Credits:

4.00

Description:

current political trends in the Caribbean and in selected Central American nations. Emphasis will be placed on comparative analysis of public policies in the region, as well as on external factors which impact on politics in the Caribbean and Central America. Students will use academic sources in their analysis, as well as novels and other literary sources for the background of their analysis. Not open to freshmen. Normally offered every third year.

Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Expanded Classroom Requirement

• GVT-389 Politics of China

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies

• GVT-399 Ethnic Conflict, National Bldg. & International Intervention

Prerequisites:

SOPH STANDING REQUIRED

Credits:

4.00

Description:

The course focuses on the role of ethnic conflict and international intervention in nation building in the post-Cold War period. To understand fully these forces, theories such as colonialism, neo- and post-colonialism, and humanitarian intervention, along with social/economic conditions will be examined. Different case studies will be selected each time the course is offered. Open to non-majors.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-439 Global Environmental Threat

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-462 Debates on Conflicting Ideas in U.S. Foreign Policy

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

In order to understand the change and continuity in U.S. foreign policy, it is crucial to examine the debate among those who inform the ideas put forward by U.S. foreign policy experts, policymakers, and the group-whether political parties or NGOs-with which they are allies. This course will explore the importance of ideas in U.S. foreign policy from the early days of the republic with an emphasis on the post-World War II period. Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

Type:

Social Science

- **GVT-466 Regionalism and Sovereignty in the Global Economy**

Prerequisites:

GVT 261

Credits:

4.00

Description:

This course examines the intertwined nature of the globalization and regionalization processes from the perspective of global political economy. The first part of the course provides the basic elements and indicators to understand the main challenges the international economy is facing such as crisis, protectionism, and underdevelopment, inter alia. The second part presents the evolution of globalization and regionalism in the past decades. The third and final section compares how the distinct regions in the world are dealing with local and global problems; particularly attention is paid to the European Union, NAFTA, Mercosur and APEC.

Type:

Social Science

- **GVT-469 International Human Rights**

Prerequisites:

GVT 261 Junior status or above

Credits:

4.00

Description:

An examination of human rights at the end of the 20th century. Attention will be given to the origin and expansion of the concept of human rights in different political systems, the links between culture and human rights and the means and mechanisms for safeguarding human rights with particular reference to the United Nations system.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-507 GVT Study Trip**

Prerequisites:

INSTRUCTOR'S PERMISSION This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

APPROVAL OF DEPT. CHAIRPERSON. Specially arranged study trip to a foreign country for the purpose of obtaining knowledge through direct experience and observation. Includes prearranged site visits, meetings, required reading and written assignments. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-509 United Nations Seminar**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This course provides an introduction to the study of the role of the United Nations System in the globalization era. The course is divided in two main sections. The first is based on a series of readings, lectures and discussion on the rules, principles and norms which govern the relationship among states and the UN system; it also covers traditional topics such as the sources and subjects of international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors, human rights, humanitarian intervention, global environment, use of armed forces, as well as economic relations. The second part of the course is based on a required study trip to the UN headquarters in order to experience a direct contact with policy-makers within the UN system in a diversity of areas such as security, aid and peacekeeping areas.

Type:

Social Science, Expanded Classroom Requirement

• GVT-521 Internship in Government

Prerequisites:

Junior standing

Credits:

4.00

Description:

Approximately 12 hours a week working in a position that offers the student significant opportunity to learn about politics and/or government. Interested students should consult instructor in advance. ECR

Type:

Social Science, Expanded Classroom Requirement

It is also advised that students take advantage of the many internship opportunities which exist for law related placements, at the local level, in Washington, D.C., or at international sites such as London, for 4-16 credits.

Complementary Major Requirements (1 course, 4 credits)

Choose 1 Economics course, preferably Macroeconomics. These courses can be found on the [Economics page](#) in this catalog.

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Government

The Government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision-making. Government undergraduate degrees are organized around four field concentrations: American Politics, International Relations, Law and Public Policy, and Political Theory. Concentrations provide an opportunity for focused study in several specialized fields offered by the Department. Students must choose at least one area of concentration; students may also combine up to two concentrations.

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Political Theory Concentration – BA or BS in Political Theory

The Political Theory concentration offers students an understanding of the principles, concepts, norms, and assumptions that inform public policy. The concentration asks students to consider the meaning of justice and the nature and source of legitimate authority. The concentration offers a strong undergraduate preparation for entry into advanced degree programs, public service, private institutions, and political organizations.

Concentration Requirements (3 courses, 12 credits)

- GVT-275 Ancient & Medieval Political Theory

Credits:

4.00

Description:

This course examines the political ideas of major thinkers of Western civilization, beginning with the ancient Greek philosophers and continuing through the 14th Century. Theorists studied (in English translation) include, among others, Plato, Aristotle, Thucydides, Cicero, Augustine, Thomas Aquinas, and Christine de Pizan. One term, 4 semester hours.

- **GVT-276 Modern Political Theory**

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

This course examines the political ideas of the major thinkers of Western civilization from the time of Machiavelli to the present. Theorists studied (in English translation) include, among others, Machiavelli, Bodin, Hobbes, Locke, Rousseau, Kant, Mill, Marx, Wollstonecraft, Beauvoir, and Dewey. One term, 4 semester hours. No Prerequisites.

Type:

Social Science,BSJ SOCIAL SCIENCE

Choose 1 Political Theory course.

Elective Courses (3 courses, 12 credits)

Choose three of the following courses:

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **GVT-278 Literature & Politics**

Credits:

4.00

Description:

This course will examine novels with an expressed political theme introduced by the author. The theme may be either a central part of the plot, or secondary to the main plot. The class will focus on American as well as foreign works. The class is open to non-majors. Normally offered alternate years.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **GVT-471 Topics in Democracy**

Prerequisites:

take gvt-110, gvt-120, or instructor's consent for non majors. Junior status or above

Credits:

4.00

Description:

In this course, students will have an opportunity to examine the basic foundations of the democratic theory and practice. Specifically, this course will focus on building blocks of a democratic relationship between people and government, including transparency, accountability, accessibility, and opportunities for effective advocacy and participation. Both classical and modern authors who have weighed in on these issues will be discussed. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-473 American Political Thought

Prerequisites:

open to juniors and seniors only

Credits:

4.00

Description:

Reading and discussion of original works by significant American political thinkers. Readings vary, but might include The Federalist and works by Paine, Jefferson, Calhoun, Thoreau, Sumner, Reed, Dewey, Lippman, Goodman, King, Malcolm X, Carmichael, Hamilton, Friedan and Dillinger. Offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-475 Radical & Revolutionary Political Thought

Prerequisites:

Open to Juniors and Seniors only.

Credits:

4.00

Description:

This course focuses on those political thinkers, such as socialists, feminists, anarchists, pacifists, and ecologists, who have opposed established order and sought to change it. Topics covered include utopian visions (e.g., Owen, Morris, Bellamy, Gilman), criticism of existing institutions (Wollstonecraft, Marx, Fanon, de Beauvoir) and strategies for change (Goldman, Malcolm, Lenin, Cabral). The emphasis is on reading original theoretical works, with several writings assignments. Normally offered every third year.

Type:

Social Science

• GVT-492 Islamic Political Thought

Credits:

4.00

Description:

What is the relationship between philosophy and Islam? Does the divine law (Shari'a) need to be supplemented with purely rational reflections on the nature and purpose of political life? What is the place of toleration and individual rights in the Islamic legal and philosophic tradition? We will explore these and similar questions by focusing on two particularly fertile periods of Islamic thought--the encounter of Islam with Greek philosophy in the classical period and its encounter with modern secular West in late modernity.

Type:

Social Science

• GVT-521 Internship in Government

Prerequisites:

Junior standing

Credits:

4.00

Description:

Approximately 12 hours a week working in a position that offers the student significant opportunity to learn about politics and/or government. Interested students should consult instructor in advance. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-523 Washington Internship**

Prerequisites:

Sophomore standing and instructor's permission required

Credits:

12.00

Description:

A full-time, one-semester internship in Washington, D.C. Consult the Department office for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-524 Washington Internship**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524; Sophomore standing;

Credits:

4.00

Description:

ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-526 International Internship-London**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science,Expanded Classroom Requirement

- **GVT-528 International Seminar I**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 529

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation. ECR

Type:

Social Science,Expanded Classroom Requirement

• GVT-529 International Seminar II

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 528

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation ECR

Type:

Social Science,Expanded Classroom Requirement

• GVT-555 Senior Thesis

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the department, for students in all tracks who meet the criteria for departmental honors and who wish to prepare a thesis for submission to the honors committee. Must be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 6 credits in Government at Suffolk University; advisor's signed consent; application approved by honors committee in spring of applicant's junior year. 1 term - 4 credits. Normally offered every fall.

Type:

Social Science

2014-2015 Archived Catalog Information

Government

The Government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision-making. Government undergraduate degrees are organized around four field concentrations: American Politics, International Relations, Law and Public Policy, and Political Theory. Concentrations provide an opportunity for focused study in several specialized fields offered by the Department. Students must choose at least one area of concentration; students may also combine up to two concentrations.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [American Politics Concentration](#)
- [Law and Public Policy Concentration](#)
- [International Relations Concentration](#)
- [Political Theory Concentration](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Political Science](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

Minor Requirements (5 courses, 20 credits)

Choose one of the following:

- GVT-110 Introduction to American Democracy

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-115 Evolution of the Global System

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Choose any 4 Government courses. Two must be at the 200-level and at least one must be at the 300-level.

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- [Honors](#)
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This program provides an accelerated path for undergraduate government majors to obtain a Master's degree in Government. Students can take two graduate level classes during their senior year, one at a time or both at once. Once two graduate classes have been taken, students can take no more until they have otherwise fulfilled the requirements for their undergraduate degree.

Each student admitted to this joint degree program must meet all the requirements of one of the undergraduate degree programs (BS or BA in Government). In addition, the student must meet all the requirements of one of the master's degree programs (MSPS). Upon successful completion of all of the degree requirements, a student will be conferred one joint degree.

A student may permanently exit the joint degree program and opt to graduate with a bachelor's degree if all the requirements of a bachelor's degree are met, in which case each of the two graduate courses taken in the senior year would be counted as a 4-credit course.

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Government majors in all concentrations who have an overall GPA of 3.0 and a GPA of 3.4 or better in the major will be eligible for honors. To qualify for honors, the student must write a senior thesis under the direction of a faculty member of their choice. The topic of the thesis will be agreed upon by the student and faculty member. The student must register for a thesis course (GVT-555) in the first semester of the senior year. Once the course is completed, the student must submit the thesis to the department's honors committee. All work must be submitted 5-6 weeks before the end of the student's final semester. The committee will review each submission and examine each candidate during an oral presentation. The committee will determine whether the work submitted qualifies the student for departmental honors. The student will receive credit for the thesis course whether or not honors are awarded. Applicants must have completed a minimum of two substantive upper level courses in the government department at Suffolk University prior to registering for GVT-555.

In special circumstances, particularly relating to transfer students, departmental honors may be awarded to a student who has not taken the thesis course or written a thesis. A senior may petition the honors committee for this option.

- **GVT-555 Senior Thesis**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the department, for students in all tracks who meet the criteria for departmental honors and who wish to prepare a thesis for submission to the honors committee. Must be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 6 credits in Government at Suffolk University; advisor's signed consent; application approved by honors committee in spring of applicant's junior year. 1 term - 4 credits. Normally offered every fall.

Type:

Social Science

2014-2015 Archived Catalog Information

Government

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Pi Sigma Alpha

The National Political Science Honor Society Sigma Lambda Chapter Suffolk University

Pi Sigma Alpha is the national political science honor society. To be eligible for membership, you must have earned at least 10 credits in government, and must either:

- Have earned at least 63 credits, with a cumulative grade point average of 3.5, and an average of 3.5 in government courses, or
- Have earned at least 92 credits, with a cumulative grade point average of 3.3, and an average of 3.3 in government courses.

To apply, please submit official transcripts from all the colleges you have attended to the chapter sponsor, [Professor Cobb](#).

2014-2015 Archived Catalog Information

Government

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 - [Courses](#)
-
- ALS-264 Introduction to Law and Legal System

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief

writing. Normally offered each semester.

Type:

Social Science

- **ALS-265 Law and Ethics**

Credits:

4.00

Description:

Ethical issues are central in law for lawyers, paralegals, judges, jurors and anyone working within or touched by the legal system. This course examines philosophical questions, practical issues, and social theories of law, primarily through the use of legal materials, to analyze legal ethical theory. The course considers how major theories are characterized within the American legal system, including the presumption of innocence, due process guarantees, the right to counsel, and other fundamental legal concepts. Normally offered alternate years.

Type:

Social Science

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

Type:

Cultural Diversity Opt A

- **ALS-360 Fundamentals of Paralegal Practice**

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **ALS-361 Legal Research & Writing I**

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will Shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Type:

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

Type:

Social Science

- **ALS-365 Wills and Probate**

Prerequisites:

Take ALS-264 or ALS-360 or Instructor's permission

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate. Prerequisites: ALS 360 or 363 or permission of instructor. 1 term - 4 credits. Normally offered yearly.

- **ALS-366 Corporate Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance. Normally offered alternate years.

- **ALS-368 Real Estate Law**

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted. Normally offered alternate years.

- **ALS-369 Family Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied. Normally offered yearly.

- **ALS-370 Administrative Law and Worker's Compensation**

Prerequisites:

Take ALS-360 or ALS-362

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied. Normally offered alternate years.

• ALS-373 Education Law

Credits:

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

• ALS-374 Torts: Personal Injury Law

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal. Normally offered yearly.

- **ALS-375 Technology and the Law**

Prerequisites:

Take ALS-362

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet. Normally offered alternate years.

- **ALS-376 Business Entities and Securities Law**

Prerequisites:

ALS 264 OR ALS 360 or permission of Instructor

Credits:

4.00

Description:

The special legal nature and requirements of many kinds of business entities, including sole proprietorships, partnerships, non-profit organizations, and franchises are studied, together with the role paralegals might play in assisting or creating these entities. Additionally, an introduction to the statutes and regulations of the federal securities law and blue sky laws, with special emphasis on the responsibilities paralegals can assume in this area, will be studied. Normally offered alternate years.

- **ALS-377 Pol of Regulation, Product Liability Litigation & Tort Reform**

Credits:

4.00

Description:

The law dictates that corporations, arguably the most influential institutions of our time, can have only one goal: to maximize profits for their shareholders. Corporations have no general legal or moral obligation to the well-being of society or individual consumers. This means that, if corporations are to be restrained from maximizing profit by harming the public good, they must be regulated. When regulation fails, and dangerous products make it into the marketplace, consumers who are harmed can bring product liability lawsuits. Despite these facts, massive deregulation has occurred in the U.S. and tort reform threatens the ability of consumers to bring product liability lawsuits. Using the food and tobacco industries as case studies, we will examine the history of deregulation and tort reform and answer the following question: How can law and government be used to protect society and consumers by regulating a system programmed to ignore the welfare of everyone except shareholders?

- **ALS-378 Advanced Litigation & Trial Practice**

Prerequisites:

ALS 362, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in ALS 362, Civil Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR. Normally offered yearly.

- **ALS-381 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor. 1 term - 4 credits. Normally offered spring and summer. ECR

Type:

Expanded Classroom Requirement

• ALS-383 Immigration Law

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens. Normally offered yearly.

• ALS-384 Intellectual Property

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights. Normally offered yearly.

- **ALS-385 Legal Research & Writing II**

Prerequisites:

Take ALS-361;

Credits:

4.00

Description:

Building on the skills in ALS 361 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized. Normally offered spring semester.

- **ALS-390 Employment & Labor Law**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions that affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied. Normally offered yearly.

- **ALS-391 Domestic Violence, Abuse & Neglect**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

Type:

Cultural Diversity Opt A

• ALS-396 International Law

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

Type:

Social Science

• ALS-510 Independent Study

Prerequisites:

Instructor's consent required

Credits:

1.00- 4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

Type:

Social Science

- **ENST-321 Introduction to Permaculture**

Credits:

4.00

Description:

Permaculture is the design of food systems and social structures to provide for human needs while restoring ecosystem health. Examining the interconnections between environmental, social and economic components, Permaculture is informed by the disciplines of systems ecology, ecological design and ethno-ecology.

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

- **GVT-H110 Honors Intro to American Democracy**

Credits:

4.00

Description:

Special honors section of GVT 110. Offered every fall.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

- **GVT-120 Research Methods**

Credits:

4.00

Description:

Building on the skills learned in GVT 110, students will be introduced to the subfields of political science and learn to analyze political writings. Focus will be on the use of the scientific method for research on politics and government. Students will learn the steps in writing a research paper, including developing the research question and selecting a research design. Attention will be given to the use of statistical analysis and public opinion polling in political research.

Type:

Social Science

• GVT-H120 Honors Research Methods

Credits:

4.00

Description:

A special honors section of Research Methods. Students will be introduced to the subfields of political science and learn to analyze political writings. Focus will be on the use of the scientific method for research on politics and government. Students will learn the steps in writing a research paper, including developing the research question and selecting a research design. Attention will be given to the use of statistical analysis and public opinion polling in political research.

Type:

Social Science

• GVT-201 Statistics for Political Science

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

This course is an introduction to statistics and empirical research methods generally used in political science. The course will emphasize the use of statistics and its value in substantive political science research. Statistics is a tool for drawing conclusions and making inferences from observable

evidence. As well, the specification of conditions under which evidence is observed affects the conclusions and arguments that political scientists draw about how social and political processes work. The purpose of this course is to equip students with tools to interpret and conduct original data analysis, critique and make an argument based on data, and provide a view into the process of political science research and how political scientists use statistical methods and research design to answer substantive questions about politics. Since most applied data analysis utilizes data management software, students will learn how to use SPSS as a tool for conducting data analysis. Prerequisites: Sophomore Standing, GVT 110 and 120 and Math 130 or instructor's consent. 1 term - 4 credits.

Type:

Quantitative Reasoning

• GVT-203 Women in World Politics

Credits:

4.00

Description:

The relationship of women to their political culture and structures. The role of women seen in theory (e.g., Marxism, American feminism, existentialism) and in global comparative analysis. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

• GVT-204 Women in American Politics

Credits:

4.00

Description:

An examination of women's place in the Constitution; policy concerns; and political participation. Attention will be given to women's societal roles and attitudes towards women of different classes and races and the ways in which these roles and attitudes influence women's political participation. Attention will also be given to the theories and perspectives of the current women's movement as they influence policy considerations. Cultural Diversity A

Type:

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **GVT-224 Introduction to Public Policy**

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-225 U.S. Constitutional Law & Civil Liberties**

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

- **GVT-240 Acts of Courage and Political Conscience**

Credits:

4.00

Description:

This course will explore the actions and words of a range of individuals who dared to be different in the hope of having an impact on U. S. politics and society. The expression of their views and actions may have initially been rejected. In other cases, their views served as catalysts for change.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-243 American Constitutional Law

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-244 Civil Liberties

Prerequisites:

Not open to Freshmen

Credits:

4.00

Description:

Analysis of Supreme Court decisions in regard to political and civil rights including freedom of speech, press, assembly and religion, obscenity, race and sex discrimination, and criminal procedure. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-245 Courts, Public Policy, and Legal Research**

Credits:

4.00

Description:

This course examines the public policy-making role of the court system and examines questions such as whether and how courts can spur political and social reform. The direct and secondary effects of key court decisions will be examined. Case studies may focus on issues like civil rights and pro-choice court cases and political activism. The course will also examine the basics of policy-related legal research.

- **GVT-253 State and Local Government**

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

The development, structure and functions of state governments with emphasis on the government of Massachusetts; the various forms of local government in cities and towns; analysis of the relationships between local, state and federal governments. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-261 Theory & Practice of International Relations**

Prerequisites:

GVT 110, and GVT 120 or consent of instructor.

Credits:

4.00

Description:

Review of major approaches to the study of international relations. Definition of concepts such as power, nationalism, imperialism, and dependency. Special attention to the use of force and conflict resolution. Special class project. Normally offered every year.

Type:

Social Science

- **GVT-H261 Honors Theory & Practical International Relations**

Prerequisites:

GVT 110, and GVT 120 or consent of instructor.

Credits:

4.00

Description:

Review of major approaches to the study of international relations. Definition of concepts such as power, nationalism, imperialism, and dependency. Special attention to the use of force and conflict resolution. Special class project. Normally offered every year.

Type:

Social Science

- **GVT-275 Ancient & Medieval Political Theory**

Credits:

4.00

Description:

This course examines the political ideas of major thinkers of Western civilization, beginning with the ancient Greek philosophers and continuing through the 14th Century. Theorists studied (in English translation) include, among others, Plato, Aristotle, Thucydides, Cicero, Augustine, Thomas Aquinas, and Christine de Pizan. One term, 4 semester hours.

- **GVT-276 Modern Political Theory**

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

This course examines the political ideas of the major thinkers of Western civilization from the time of Machiavelli to the present. Theorists studied (in English translation) include, among others, Machiavelli, Bodin, Hobbes, Locke, Rousseau, Kant, Mill, Marx, Wollstonecraft, Beauvoir, and Dewey. One term, 4 semester hours. No Prerequisites.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-278 Literature & Politics**

Credits:

4.00

Description:

This course will examine novels with an expressed political theme introduced by the author. The theme may be either a central part of the plot, or secondary to the main plot. The class will focus on American as well as foreign works. The class is open to non-majors. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-279 Minority Politics in the United States**

Prerequisites:

Sophomore Status Required

Credits:

4.00

Description:

This course is designed to provide an intensive survey of minority politics in the political development of the United States. We will focus on the historical and contemporary experiences of several groups in American politics. In particular, the course will look at four groups that, for reasons of race, have been subjected to systematic discrimination and political subordination in U.S. history: American Indians, African Americans, Latino Americans, and Asian/Pacific Americans. In this course we will work toward an understanding of American politics from the point of view of politically active and engaged persons of color. This course will also take a close look at the future of race and ethnicity in American politics. It is a fundamental premise of this course that an understanding of race and minority politics is necessary to comprehensively understand American political development and many important issues in contemporary American politics. Cultural Diversity A

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **GVT-280 Law, Public Policy, and Psychology**

Credits:

4.00

Description:

The law affects and is affected by public policy. Beyond this, the law affects, and is affected by, many other disciplines. Understanding the evolving relationship among public policy, law and psychology in the US is integral to both disciplines. This course explores contemporary forensic psychology's role in the legal system - e.g., jury selection; expert witnesses; biases; crime control vs. due process, etc. through readings, class discussion, occasional audio-visual material and guest speakers if and when appropriate and available. Normally offered every other year.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110 and GVT 120 or consent of instructor.

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-H281 Honors Intro to Comparative Politics**

Prerequisites:

GVT 110 and GVT 120 or consent of instructor.

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-283 Challenges to Development in the Global South**

Credits:

4.00

Description:

Theories dealing with the process of political change in countries of the Third World: the impact of the military, traditional culture and institutions, economic problems, strong personalities and other factors on political life and institutions. Prerequisite: Not open to freshmen. 1 term - 4 credits. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

- **GVT-284 Intro to Peace & Conflict: Horn of Africa & International Security**

Credits:

4.00

Description:

This course analyzes both ongoing and potential conflicts as well as conflict fault-lines in the Horn of Africa region and their implication to International Security. It inquires into the nature of regional conflicts and security complexes and explores ways of resolving them in a peaceful manner. In so doing, it examines such international security threats as state failure, Islamic terrorism, and piracy in the light of the dynamics and evolution of the debates on International Security as well as the transformations in the main global, continental, and regional security institutions such as UN, AU, and IGAD. Based upon International Relations perspectives, it analyzes the traditional definitions of security at the national, regional and international levels of analysis since 1945. Likewise, it studies how states and international institutions have revisited the concepts, policies and strategies of security in the post Cold War and post 9/ 11 world, from realist perspectives to the Copenhagen School of security studies.

Type:

Social Science

- **GVT-302 Public Relations and Lobbying**

Credits:

4.00

Description:

Methods and practices of interest groups trying to influence legislative and administrative decision making; methods and practices of public agencies trying to influence governmental policies; the military industrial complex and other cases on federal and state levels. Normally Offered every third year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This hybrid course will examine the political leadership and influence of women within political institutions and on public policy. The course is divided into two parts: Part 1 will examine women in politics, with particular attention given to the intersectional realities of race, class, gender identity, and ideological orientation. Specific policy areas, including reproductive choice, housing, pay equity, and domestic relations, will be discussed in Part 2. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

- **GVT-307 Globalization of Gender Politics**

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

This course examines the interaction between gender and globalization. It discusses the centrality of gender in international development by focusing on gender as one of the most critical factors that affect the success or the failure of globalization. Critically reviewing general theories of globalization, the course presents a historical overview of gender and development. It then explores selected topics: global restructuring and feminization of the labor force, gender in multinational corporations, gender and international migration, sex-tourism, AIDS, and the impact of the state, religion, and culture in creating social dislocations and inequalities. Finally, we will consider strategies of change and diverse forms of resistance by women. Offered as needed. Cultural Diversity B

Type:

Social Science,Cultural Diversity Opt B,BSJ SOCIAL SCIENCE

• GVT-308 International Security

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

This course examines the dynamic evolution of the debates on International Security as well as the transformations in the main global and regional security institutions such as UN and NATO. Based upon International Relations perspectives, it analyzes the traditional definitions of security at the national, regional and international levels of analysis since 1945. Likewise, it studies how states and international institutions have revisited the concepts, policies and strategies of security since the end of the Cold War and after the September 11 events, from realist perspectives to the Copenhagen School of security studies. Offered every year.

Type:

Social Science

• GVT-310 Global Political Economy

Prerequisites:

GVT 281 and GVT 261 or instructors consent

Credits:

4.00

Description:

This course explores the main premises and approaches to study Global Political Economy. After analyzing the history and development of the international system, it studies how states and markets are interconnected in the creation and reform of economic and political international institutions in the globalization process. It also focuses on the most acute problems of the current international system in the area of IPE, namely, environmental degradation, external debt, poverty, increasing gap between rich and poor countries, and trade conflicts. Offered every year.

Type:

Social Science

• GVT-311 Politics of the Arab-Israeli Conflict

Prerequisites:

Open to Juniors and Seniors

Credits:

4.00

Description:

An analysis of the origins and the local, regional, and international dimensions of the Palestinian-Israeli-Arab conflict, this course will examine the conflict through the eyes of the major protagonists and the roles played by them from the early twentieth century to the present: Zionists/Israelis, Palestinians and other Arabs, British, Americans, Soviets. We will also explore the questions of why this conflict has captured the world's attention and why it has gone unresolved since World War II. Finally, we will examine the possibilities and attempts for resolution of what appears to be an intractable human tragedy.

Type:

Social Science

• GVT-314 Media, Chaos, and Culture That Changed America

Credits:

4.00

Description:

The overall goal of this course is to understand why 1968 is considered one of the most tumultuous years in the 20th century as regards the news media; music and theater; television and film censorship; and in the shift in culture and mores of an entire subset of the population. The course will focus on specific touchstones that elucidate the communication to both the mainstream public, known broadly as the Silent Majority, and the new emerging 'boomers', whose values and attitudes still drive the media ten years into the 21st century. Students will learn how a single year of media can change forever how one part of a culture views itself, while at the same time discovering how another part of that same culture continues to resist those changes 40 years later. Students will learn how many of the seeds of ideas they take for granted in 2011, including educational and sports equality (Title IX) for women; environmental sensitivity, and gay rights were planted in the print, films and music of 1968, but didn't bloom until the years which followed. Guest speakers, films and lectures will be used to reinforce material from the texts.

Type:

BSJ SOCIAL SCIENCE, Social Science

• GVT-323 Political Survey Research

Prerequisites:

OPEN TO JUNIORS & SENIORS

Credits:

4.00

Description:

Everything needed to design, carry out, and interpret a political survey. Topics covered will include questionnaire design, sampling, interviewing, coding data, and univariate and bivariate analysis of the results. Multivariate analysis will be discussed but not studied in-depth. An actual survey will be conducted as a class project. Normally offered every year.

Type:

Social Science, BSJ SOCIAL SCIENCE

• GVT-324 The 1st Amendment in the Internet Age

Credits:

4.00

Description:

Defamation, privacy, copyright, pornography, incitement to lawless conduct and harassment are six areas in which first Amendment freedoms historically have been constrained to some degree. The constraints have been worked out largely through judicial decisions issued over the last century. This course would look at the traditional interests that were balanced to produce the constraints, the Internet's impact on those interests and whether the impact suggests the need for rebalancing.

Type:

BSJ SOCIAL SCIENCE, Social Science

• GVT-328 American Law, Government and Policy

Prerequisites:

Prerequisites: Not open to freshmen

Credits:

4.00

Description:

This course provides an overview of the legal system in the United States of America, in connection with the role of the Federal and State government and their policy. This course is designed for undergraduate and graduate students. During the semester, we will explore a variety of issues involving the legal system of the United States and how it affects local and federal government.

Type:

Social Science, BSJ SOCIAL SCIENCE

• GVT-333 Conspiracy in American Politics and Culture

Credits:

4.00

Description:

The basis of this course will be in-depth examinations of various conspiracies in American Politics and Culture, beginning with the Salem Witch Trials through the Lincoln Assassination Conspiracy and the Sacco & Vanzetti case through the present day. Present day conspiracies will include an

examination of the JFK and RFK Assassinations, the Pentagon Papers case, the Watergate Conspiracy, the Iran/Contra scandal, Whitewater and the Vast Right Wing Conspiracy," the World Trade Center bombing, the Oklahoma City Bombing, Global Warming, and the 9/11 Investigation.

Type:

BSJ SOCIAL SCIENCE, Social Science

• GVT-335 Law, Politics and Public Health

Credits:

4.00

Description:

Law is one of the primary tools used to protect public health in the United States. This course will use various case studies (tobacco industry, food industry, health care policy, etc.) to explore innovative uses of the law in diverse areas related to public health. Students will learn about the ways in which attorneys, public officials, politicians, and public health practitioners work together to make public health policy. Normally offered alternate years.

Type:

Social Science, BSJ SOCIAL SCIENCE

• GVT-336 Political Leadership

Credits:

4.00

Description:

This course begins with the premise that leadership is a continuous process, and that leadership can be studied, analyzed, and learned, across the public (as well as private for profit, and private non-profit) sectors. The first half of the course will, following the Northouse, Burns, and Gardner texts, delve into various theories of leadership, including the traits, skills, style, and situational approaches. We will also cover gender differences in leadership studies, and leadership ethics. The second half of the course will deal with transformational leadership, and real life (historical and recent) examples of political leadership, including Nelson Mandela, J. Robert Oppenheimer, George Washington, Margaret Thatcher, and others. There will also be in-class discussions on current challenges in public policy, asking students to envision what leadership skills they have studied that could come into play in solving these public policy challenges. During the second half of the course, students will be required to interview a leader of their choice, and, utilizing the material covered during the course, write a paper based on the interview.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **GVT-337 Public Policy & Business**

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

Public policy-makers' interests in formulating and implementing policy in the areas of environmental protection, consumer protection, equal employment opportunity, health care, taxation and competition with a focus on business responsibility will be critically analyzed. Costs and benefits to the public and business will be evaluated. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **GVT-339 Community Advocacy**

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course represents a unique opportunity for students to develop a general understanding of the relationship between politics and the community; a systematic and holistic way of viewing and analyzing the impact of community-based, community-wide organizations and efforts. Normally offered alternate years.

Type:

- GVT-340 Moot Court

Credits:

4.00

Description:

Moot Court consists of simulated arguments in front of the Supreme Court of the United States. Students brief approximately 20 Supreme Court cases and apply them to a hypothetical case before the Court. Students form written and oral arguments based on two constitutional questions in the hypothetical. Two person teams will develop legal oral arguments in favor of their clients. Students learn how to compose written briefs, develop a knowledge of case law, learn how to effectively respond to questioning, and develop forensic skills, and courtroom demeanor. Moot Court is a great preparation course for undergraduate students planning to attend law school.

- GVT-343 State Court Process & Policy

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Contemporary state court processes, progress and problems including trial and appellate court practice, procedure and participants; plea bargaining, alternative dispute resolution; policy making. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- GVT-345 Public Policy Writing

Credits:

4.00

Description:

This course provides an introduction to the importance of written communication in the public discourse and in public decision-making. The course will examine some of the tools for producing relevant, useful material in the professional public policy analysis arena. The course will also study the various kinds of written communication the policy makers and advocates regularly utilize. The course also provides an introduction to the constraints that surround effective communication in public policymaking. Students will engage in drafting several different kinds of public policy analyses.

Type:

BSJ SOCIAL SCIENCE, Social Science

• GVT-346 The American Presidency

Prerequisites:

GVT 110 AND GVT 120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Perspectives on the role and problems of the presidency in American political life; the nature and difficulties of presidential influence and effectiveness, presidential authority within our system of government, and the impact of presidential character. Normally offered alternate years.

Type:

Social Science, BSJ SOCIAL SCIENCE

• GVT-347 Legislative Politics

Prerequisites:

GVT 110 and GVT 120 or instructor's consent

Credits:

4.00

Description:

The structure and functioning of legislatures. Particular emphasis on the U.S. Congress, how it works and how it compares with other legislatures. The role of legislatures in a democracy. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-350 Inside Massachusetts Community Courts**

Credits:

4.00

Description:

The object of this course is to teach the students the history of the District and Municipal Courts of the Commonwealth of Massachusetts and the important role they play in their respective communities throughout the state. The course will explore the various departments within each court and the functions they perform individually and as part of the overall court system. Through a combination of lecture, guest speakers, courtroom observation and journal keeping, students will learn and see first-hand how the local community courts dispenses justice, solves problems and makes a positive contribution to the communities they serve.

Type:

BSJ SOCIAL SCIENCE,Social Science

- **GVT-352 Constitutional Reform**

Prerequisites:

GVT 110, 120, 243, and 244 or instructor's permission

Credits:

4.00

Description:

A critical analysis of whether our constitutional system is adequate to effectively resolve the new and complex problems of governance in this century. The strengths and weaknesses of governmental structure created by the U.S. Constitution will be examined. Past and current amendment proposals

will receive special attention. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-353 Politics in Film

Prerequisites:

SOPH STANDING REQUIRED

Credits:

4.00

Description:

A country's popular culture offers significant and accurate insights into the political values, attitudes and beliefs of its people at a given point in time. One form of popular culture, films, can be a powerful disseminator of political messages. This course will examine a number of different eras and political themes as they have been reflected through films in the U.S. Open to non-majors.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-355 American Parties & Politics

Prerequisites:

GVT 110 AND GVT 120, or instructor's consent

Credits:

4.00

Description:

Historical overview of party development in the U.S. and of ideological and political trends as reflected in voting behavior. Recent developments in party structure, electoral strategies and political style. The party crisis vs. the art of political campaigning. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-357 Power & Politics in America's Cities**

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S PERMISSION Junior status or above

Credits:

4.00

Description:

This online course is uniquely designed to examine the power dynamics and struggles that characterize the urban political landscape. Mayor leadership and corruption, community engagement and apathy, and resource and public service expansion and retraction will be critically examined as key elements that can help some cities grow and hasten the decline of others. Within an online environment we will study the dynamic cities of New York City, Chicago, Atlanta, Boston, Cleveland, Detroit, and New Orleans. Additionally, we will examine broader trends that emerge from and examination of cities by size and region.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-358 Politics and the Media**

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course will explore the influence of the media on contemporary political issues and public opinion; and the use of media in political campaigns, advertising, etc. Topics may include the impact of talk radio", the issue of the media bias, the role of television, the Hollywood connection", etc. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-359 Hockey, International Development & Politics**

Credits:

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

Type:

Social Science

- **GVT-360 Elections and Voting**

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

Type:

Humanities & History,Social Science,BSJ SOCIAL SCIENCE

- **GVT-363 American Foreign Policy**

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

A decision-making approach to understanding the domestic and institutional context of U.S. foreign policy. Includes analysis of continuity and change since WWII using case studies of critical decisions, e.g., Korea, Cuba, Vietnam, etc. Not open to freshmen. Prerequisites: GVT 110, GVT 120, GVT 261 or instructor's consent. 1 term - 4 credits. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-365 IP & Public Domain: Intro to Law & Policy**

Prerequisites:

54 credits earned and GPA of 3.3 or higher

Credits:

4.00

Description:

This introduction to legal study explores law as it is practiced (the law on the books and their application) and as it is experienced in society by everyday people, clients and citizens. The goal of this course will be two-fold: (1) to introduce undergraduate students to the study of law as it is taught in law school, with an emphasis on reading cases, making arguments as lawyers do, and learning about the intersection of legal application and policymaking; and (2) study intellectual property law (e.g., copyright patent, trademark and trade secrets) as they have evolved over the 20th century with an emphasis on the importance of the public domain in the digital age. The course will be team taught by professors from the law school.

- **GVT-366 Massachusetts Legislative Process**

Prerequisites:

GVT 110 OR GVT347; SOPH STANDING

Credits:

4.00

Description:

This course examines fundamental framework, legislative oversight of the Executive Branch and basic functions of the Massachusetts Legislative. Special emphasis will be placed on gaining a practical understanding of the Massachusetts legislative process. Students are encouraged to explore the methods by which the major legislative measures are undertaken, various roles of legislative leaders, committee hearings and the procedures that are used under the Massachusetts General Laws. Open to non-majors. Offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-367 Politics of Spain**

Credits:

4.00

Description:

This course is designed to provide students with a basic grounding in political institutions and processes in contemporary Spain. Political developments are presented in their socio-economic context, with special emphasis on the Spanish transition from a dictatorship to a democracy. Attention is also given to the issue of the Basque and Catalan nationalism, as well as the process of European integration. Prerequisite: GVT 281 or instructor's consent. 1 term - 4 credits. Normally offered alternate years at the Madrid Campus.

Type:

Social Science

• **GVT-H367 Honors Politics of Spain**

Credits:

4.00

Description:

This course is designed to provide students with a basic grounding in political institutions and processes in contemporary Spain. Political developments are presented in their socio-economic context, with special emphasis on the Spanish transition from a dictatorship to a democracy. Attention is also given to the issue of the Basque and Catalan nationalism, as well as the process of European integration. Prerequisite: GVT 281 or instructor's consent. 1 term - 4 credits. Normally offered alternate years at the Madrid Campus.

Type:

Social Science

• GVT-372 Coastal Zone Management

Prerequisites:

Instructor's Consent

Credits:

4.00

Description:

This course presents a survey of a coastal environment, its physical characteristics, natural systems, economic uses, and development pressures. Lectures examine strategies formulated in the U.S. for land and water resource management in the coastal zone. The roles of federal, state and local government, environmental groups and resource users are also explored. Finally, by comparing coastal zone management problems in the U.S. to those elsewhere in the world, students gain a global perspective. Normally offered every years. The course available through the Marine Studies Consortium and will be taught on the campus of one of the Consortium's member institutions.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-382 Crisis and Integration in Europe

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Why did 17 European countries surrender the sovereign control of their currency and create the Euro? Will Turkey become a member of the European Union? Will Europeans continue free riding the security protection of the United States? Is the integration process another layer of bureaucracy or an institutional instrument to deal with the permanent crises in Europe? There are some of the questions guiding the discussions in the class.

Type:

Social Science

- **GVT-383 African Politics**

Prerequisites:

GVT 110 and GVT 120

Credits:

4.00

Description:

The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social and personal factors; political forces at work in present day Africa. Not open to freshmen. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

- **GVT-384 The U.S. and the International Relations of the Middle East**

Credits:

4.00

Description:

This course will explore the role played by the United States in the Middle East in the twentieth century, with emphasis on the period since World War II. Our study will begin with a decision-making approach to understanding the domestic and institutional context of America's policy toward the region,

followed by an examination of that policy as it confronted radical nationalist, socialist, and Islamic movements, Soviet influence, and specific contemporary problems - the Arab-Israeli conflict, the Lebanese civil war, the Iranian revolution, the Iran-Iraq War, and the Gulf War. Open to non-majors, not open to freshmen. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-385 Central and South Asian Politics Republics

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

This course will examine political and economic institutions of newly independent entities from Kazakhstan to the Baltics. It will include historical roots of the Soviet Union from the Russian Revolution through the Gorbachev years. Attention will be paid to Marxist theory and non-Marxist challenges for the economy of the area as well as the state. While some attention will be paid to foreign relations of the former Soviet Union and the current regimes with Western Europe and the U.S. and elsewhere, the major emphasis will be on domestic policy on citizens of the former Soviet Union. Normally offered alternate years.

Type:

Social Science

• GVT-387 Conflict & Reconciliation: Community Service Abroad

Prerequisites:

GVT 281 or instructor's consent. Junior status or above

Credits:

4.00

Description:

current political trends in the Caribbean and in selected Central American nations. Emphasis will be placed on comparative analysis of public policies in the region, as well as on external factors which impact on politics in the Caribbean and Central America. Students will use academic sources in their analysis, as well as novels and other literary sources for the background of their analysis. Not open to freshmen. Normally offered every third year.

Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Expanded Classroom Requirement

• GVT-388 The United States and East Asia

Credits:

4.00

Description:

This course will examine US relations with East Asia through the lens of leading International Relations theories. We will analyze the growing regional influence of China, and will also examine the foreign policies of major regional powers including South and North Korea, Japan, and Taiwan. By exploring the economic and political factors that are working to shape the dynamic East Asian regional order, we will gain an understanding of the challenges faced by the US in this economically and strategically pivotal region.

Type:

BSJ SOCIAL SCIENCE, Social Science

• GVT-389 Politics of China

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies

- **GVT-390 Global Politics of Resistance**

Credits:

4.00

Description:

Utilizing the theoretical frameworks of Comparative Politics and International Relations, this course will focus on a critical analysis of contemporary forms of resistance politics, such as those culminating in popular struggles for peace, democracy, human rights, economic justice, gender equality, environment, and the rights of indigenous peoples.

Type:

Social Science

- **GVT-391 Canada: Multicultural Politics**

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE

• GVT-393 Latin American Politics Today

Prerequisites:

GVT 281 or instructor consent

Credits:

4.00

Description:

This course examines the evolution of Latin America in the context of globalization. The first part analyzes the main political and economic trends of Latin America as a region, while the second presents the main challenges Mexico is facing today in the area of security. The third part moves forward into the detailed explanation of the transformations of the largest South American countries such as Colombia, Argentina, Chile and Venezuela, among others. The final section looks at the relationship between Latin America and the United States.

Type:

Cultural Diversity Opt B, Social Science

• GVT-394 Nation Building and International Intervention

Credits:

4.00

Description:

What is the role of the international community in nation building? Who are the key nation building actors? Who should pay for nation building? How long should it take? And what are the main reasons for success and failure in nation building? This course will investigate these questions, looking especially at the cases of the former Soviet Central Asia and Afghanistan. Students will learn about one of the most pressing issues of the contemporary world, with an eye toward helping students navigate a globalized world.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **GVT-398 Terrorism and Extremism in South and Central Asia**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course discusses terrorism and extremism in South and Central Asia as forms of political violence and its effects on the security of the region and the world. Students will develop a working definition of terrorism and extremism and analyze tenets of states security policies. They will study the history of origin, political, economic and social causes of terrorism, the nature of Islamist terrorist organizations, their strategic goals, motivations, and the threats they pose to peace and development from the point of view of international relations and comparative politics. On the base of case studies and class discussions, students examine theories and instances of ideological, religious, and political extremism as a foundation for terrorism. Through thorough investigation of different cases students will acquire unique knowledge of the Al-Qaeda threat in Pakistan, Afghanistan and Central Asia, as well as activities of groups as the Islamic Movement of Uzbekistan, Lashkar-e-Taiba and others.

- **GVT-399 Ethnic Conflict, National Bldg. & International Intervention**

Prerequisites:

SOPH STANDING REQUIRED

Credits:

4.00

Description:

The course focuses on the role of ethnic conflict and international intervention in nation building in the post-Cold War period. To understand fully these forces, theories such as colonialism, neo- and post-colonialism, and humanitarian intervention, along with social/economic conditions will be examined. Different case studies will be selected each time the course is offered. Open to non-majors.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-401 Political Marketing**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This class will examine the techniques used to market political candidates, parties, issues, interest groups and think tanks in the modern American polity, as well as in Canada and the EU. The class will examine the causes and impact of the change that many observers have seen in the American polity from a civil to a consumptive political culture and question the extent to which this is a U.S. based versus more global phenomenon. At the same time, the class will aim to provide the student with a hands-on understanding of the way in which various marketing techniques are employed to sell politics. The techniques will include message development, branding, micro-targeting, and political marketing campaign strategy by looking at a series of cases from around the world. Cases examined will include the Barack Obama , Hillary Clinton and John McCain campaigns from 2008, the effort to brand the Conservative Party and New Labour in the United Kingdom.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-403 Government 2.0**

Credits:

4.00

Description:

What is the next version of government? How will emerging technologies impact how governments at all levels function? What are government leaders (elected and otherwise) doing to transform the way government operates? This course will cover the historical applications of technology in government, pointing to various models used by all levels of government (Federal, State, and Local). National and international e-Government examples and case studies will be examined to show the most and least effective implementations. It will primarily be a discussion about what Gov 2.0 has meant and will mean as new technologies emerge.

Type:

Social Science,BSJ SOCIAL SCIENCE

- GVT-410 Politics of Korea

Credits:

4.00

Description:

Study of the government and politics of North and South Korea, including the political systems of the two countries and relationship between them, including issues of reunification, nuclear weapons, and democratization. Offered alternate years.

Type:

Social Science,Asian Studies

- GVT-411 Politics of North and South East Asia

Credits:

4.00

Description:

This course examines the cultural background and political systems mainly of China, Korea and Japan, also touching upon the small tiger states in South-East Asia. It elucidates the historical origins, evolution and current trajectory of these states with a particular concentration on North Korea. One further concentration is the interplay of domestic and foreign policy in the relations of these states, regional stability and cooperation. Topics include history, social structure, the interplay of culture and ideology, political economy, humanitarian issues, security, and the politics of North Korean domestic and foreign policy. We will spend considerable time analyzing China's and North Korea's relationship with regional and world powers and examining the origins, history, and implications of the North Korean nuclear weapons program. Students will be expected to demonstrate the ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to East Asia.

Type:

Social Science,Asian Studies

- GVT-420 German Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and ENST 420

Type:

Social Science,BSBA SOCIAL CHANGE

- **GVT-428 Congressional Parties, Leadership, & Public Policy**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course focuses on the Congressional leadership, parties in Congress and their impact on political interactions, and public policy. The course will examine the relationship between the leadership in the Congress and the powerful elements in the House and Senate such as committee chairmen and the party caucuses as well as the media and lobbyists. Emphasis is on the decades long trend toward greater political polarization and its impact on the ability of the institution to respond effectively current national problems.

- **GVT-429 Congress and the Federal Budget: Procedure, Politics & Public Policy**

Prerequisites:

Take GVT-110

Credits:

4.00

Description:

Focus is on the federal budget process, political interactions, and public policy outcomes. The budget represents nearly one-quarter of GDP making those decisions central to the functioning of our democracy and the health of our economy. Emphasis is on the Congressional budget process, appropriations process, and revenue decision-making because the Constitution establishes Congress as the guardian of the nation's purse strings.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **GVT-431 Congress: the Broken Branch**

Prerequisites:

TAKE GVT 110

Credits:

4.00

Description:

This course will examine the changes in the US Congress in recent years, as both party unity and party polarization have grown, with particular attention to the evolution of Senate rules as the need for a 60-vote majority has become a given.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **GVT-432 Legal Issues in Campaign and Elections**

Credits:

4.00

Description:

This course will explore legal issues affecting campaigns and elections. Among the topics covered will be the legal requirements to qualify for the ballot, campaign finance laws, challenges to candidates and ballot questions, and election recounts. Special emphasis will be given to the 2000 Presidential Recount in Florida.

Type:

- **GVT-434 Immigration Policy and Politics**

Credits:

4.00

Description:

This course examines how American governmental institutions, political actors, and processes have both shaped and responded to one of the most significant and complex issues of public policy facing the nation: immigration to the United States. This class will explore a number of intriguing and difficult policy topics related to the almost unprecedented level of immigration that the U.S. has been experiencing. The focus of the class will include the following: admissions, citizenship, deportation and detention (including that of suspected terrorists), refugee/asylum law, and highly contested issues of today, such as definitions of citizenship, immigrant rights, and border enforcement. A major objective of this course is to provide students with the opportunity to conduct their own original research in American politics by delving into some aspect of immigration as a public policy issue.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-435 Race and Public Policy**

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Sophomore Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-439 Global Environmental Threat**

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-H439 Honors Global Environmental Threat**

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-441 Ready, Set, Run!**

Credits:

2.00

Description:

Designed to introduce students to the nuts and bolts of preparing to run for office or guiding a candidate through the process. Students learn how to file nomination papers, develop a field team, and create a general branding strategy.

- **GVT-442 Candidate Definition**

Credits:

1.00

Description:

Students learn the basics of how candidates successfully introduce their candidacy to the public. From announcing the campaign to conducting meet and greets to producing candidate photos, this course guides to through the process of effectively defining the candidate.

- **GVT-443 Candidate Media Strategy 101**

Prerequisites:

Over 54 credits required.

Credits:

1.00

Description:

Students learn the fundamentals of how to maximize positive media coverage with attention paid to generating endorsements, developing non-paid media, and persuading voters.

- **GVT-444 Campaign Issues:Taking a Stand**

Prerequisites:

Over 54 credits required.

Credits:

1.00

Description:

In this highly interactive course, students learn how to develop position papers, conduct opposition research, and ultimately use their knowledge to convey information effectively in political speeches and debates. Attention paid to message development.

- **GVT-445 Technology and Campaigns**

Prerequisites:

Over 54 credits required.

Credits:

1.00

Description:

Designed to guide students through effective use of technology in political campaigns, this course focuses on how to target, mobilize, and persuade voters using social media, database management, and campaign management software.

- **GVT-446 Getting Out the Vote**

Credits:

1.00

Description:

Learn the cutting edge techniques to help register new voters, identify voters, and effectively manage election-day operations to increase turnout for your candidacy. Learn how to successfully recruit and retain volunteers.

- **GVT-447 Race, Gender, and Sexual Orientation on Campaigns**

Prerequisites:

Need to have completed at least 54 credits

Credits:

1.00

Description:

This course will examine the role that race, gender and sexual orientation fill on political campaigns. We will explore the challenges and opportunities that women, people of color, and LGBT individuals face as candidates, the consequences diversity(or lack thereof) on campaign team, and how race, gender, and sexual orientation are mobilized by campaigns to reinforce messages, target voters and raise money.

- **GVT-450 Lobbying, the Media and Public Policy Opinion, and Politics**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This class will examine the role of lobbyist and the media in influencing state and national decision makers and public policy. Focusing primarily on current issues relating to energy and environmental policy, we will discuss and critically examine all sides of today's hot topics- renewable power, climate change, sustainability and others. The goal is not to determine who is right and who is wrong, but rather to get behind the headlines and separate fact from hype and discuss how and why certain policy decisions are made and how policy makers are influenced. You'll gain an appreciation as to how public opinion, lobbyists and the media (even celebrities!) can actually change government priorities- and not always for the better, as rising public opinion and political pressure often collides with well established scientific evidence.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-452 Boston's Future: Local Politics in a Global Context**

Credits:

4.00

Description:

This year, Boston's longest-serving mayor of 20 years, Thomas Menino, announced he would not seek re-election. Twelve candidates are now vying to be mayor of Boston. Boston is among the most educated cities and is an epicenter for research and development, building an innovation economy of engagement, community networks, and collaboration. Yet it faces a variety of challenges. Boston also counts itself as third most unequal cities in the United States in terms of income inequality. Can Boston sustain its success while also lifting more of its population out of poverty? This course examines these questions by focusing attention on the 2013 mayoral election. What prescriptions for success and visions for the future of Boston do the various candidates offer? What constituencies vote? How will the successful candidate craft a winning coalition? Guest speakers, including candidates, local media analysts, and policy makers will highlight key aspects of the urban issues we will examine. Neighborhood visits and a variety of readings will round out the course. For any student interested in the interplay between politics, local government and the global economy, this course is for you.

- **GVT-462 Debates on Conflicting Ideas in U.S. Foreign Policy**

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

In order to understand the change and continuity in U.S. foreign policy, it is crucial to examine the debate among those who inform the ideas put forward by U.S. foreign policy experts, policymakers, and the group-whether political parties or NGOs-with which they are allies. This course will explore the importance of ideas in U.S. foreign policy from the early days of the republic with an emphasis on the post-World War II period.

Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

Type:

Social Science

• GVT-463 International Legal Systems

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course explains the main components of the international legal system. It begins by exploring the rules, principles and norms that govern the relationship among states, the different cultural and philosophical legal perspectives and the history of the international legal system. The second part of the course covers the study of the sources and subjects of the international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors. The third part of the course addresses a number of significant topics derived from the process of globalization legal norms: human rights, humanitarian intervention, law of the sea, environmental law, and economic relations.

Type:

Social Science

• GVT-465 International and Transnational Organizations

Prerequisites:

GVT-261

Credits:

4.00

Description:

This course explores the institutional structures, political processes, and impact of international governmental and nongovernmental organizations. It analyzes their increasingly prominent role in efforts to resolve a wide range of global problems and contribution to strengthen the current system of global governance. While the course covers the problems of international security, global distribution of wealth, deterioration of the environmental system, and threats to social welfare, it focuses on the interaction between the United Nations System and regional organizations, on the one hand, and the role of non-governmental organizations in cooperating or competing to solve specific problems in the area of international relations.

Type:

Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-466 Regionalism and Sovereignty in the Global Economy**

Prerequisites:

GVT 261

Credits:

4.00

Description:

This course examines the intertwined nature of the globalization and regionalization processes from the perspective of global political economy. The first part of the course provides the basic elements and indicators to understand the main challenges the international economy is facing such as crisis, protectionism, and underdevelopment, inter alia. The second part presents the evolution of globalization and regionalism in the past decades. The third and final section compares how the distinct regions in the world are dealing with local and global problems; particularly attention is paid to the European Union, NAFTA, Mercosur and APEC.

Type:

Social Science

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

This class examines the political ramifications of social movements primarily but not exclusively within the United States. It looks at ideology, beliefs and mechanisms of mobilization. Another important focus is an analysis of non-white social movements in this country and their impact on domestic politics. Among the movements to be examined are: the Pan-African movement 1919-1939 which will, to some extent, take us outside this country; the U.S. Civil Rights Movement 1955 to 1969 which covers the rise of the Black Power movement; and the U.S. Labor Movement 1900 to 1955 in terms of non-white influence on its programmatic goals. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

- **GVT-469 International Human Rights**

Prerequisites:

GVT 261 Junior status or above

Credits:

4.00

Description:

An examination of human rights at the end of the 20th century. Attention will be given to the origin and expansion of the concept of human rights in different political systems, the links between culture and human rights and the means and mechanisms for safeguarding human rights with particular reference to the United Nations system.

Type:

Social Science, BSJ SOCIAL SCIENCE

- GVT-471 Topics in Democracy

Prerequisites:

take gvt-110, gvt-120, or instructor's consent for non majors. Junior status or above

Credits:

4.00

Description:

In this course, students will have an opportunity to examine the basic foundations of the democratic theory and practice. Specifically, this course will focus on building blocks of a democratic relationship between people and government, including transparency, accountability, accessibility, and opportunities for effective advocacy and participation. Both classical and modern authors who have weighed in on these issues will be discussed. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- GVT-472 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the "other" German state as manifested in its cultural identity and political role during the Cold War.

Type:

Social Science

- GVT-473 American Political Thought

Prerequisites:

open to juniors and seniors only

Credits:

4.00

Description:

Reading and discussion of original works by significant American political thinkers. Readings vary, but might include The Federalist and works by Paine, Jefferson, Calhoun, Thoreau, Sumner, Reed, Dewey, Lippman, Goodman, King, Malcolm X, Carmichael, Hamilton, Friedan and Dillinger. Offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-475 Radical & Revolutionary Political Thought

Prerequisites:

Open to Juniors and Seniors only.

Credits:

4.00

Description:

This course focuses on those political thinkers, such as socialists, feminists, anarchists, pacifists, and ecologists, who have opposed established order and sought to change it. Topics covered include utopian visions (e.g., Owen, Morris, Bellamy, Gilman), criticism of existing institutions (Wollstonecraft, Marx, Fanon, de Beauvoir) and strategies for change (Goldman, Malcolm, Lenin, Cabral). The emphasis is on reading original theoretical works, with several writings assignments. Normally offered every third year.

Type:

Social Science

• GVT-485 Politics of the Middle East

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and Arab rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

- **GVT-H485 Honors Politics and International Relations of the Middle East**

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and Arab rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

- **GVT-492 Islamic Political Thought**

Credits:

4.00

Description:

What is the relationship between philosophy and Islam? Does the divine law (Shari'a) need to be supplemented with purely rational reflections on the nature and purpose of political life? What is the place of toleration and individual rights in the Islamic legal and philosophic tradition? We will explore these and similar questions by focusing on two particularly fertile periods of Islamic thought--the encounter of Islam with Greek philosophy in the classical period and its encounter with modern secular West in late modernity.

Type:

Social Science

• GVT-503 Washington Academic Seminar I

Prerequisites:

This course fulfills the Expanded Classroom Requirement. Instructor's consent is required.

Credits:

4.00

Description:

An intensive off-campus experience, normally of two-weeks duration, arranged through a qualified agency in Washington, D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. Students are normally required to keep a journal of the off-campus experience and to write a significant research paper based on the topic of the academic seminar upon their return.

Type:

Social Science,Expanded Classroom Requirement

• GVT-504 Washington Academic Seminar II

Prerequisites:

Requires Instructor's consent

Credits:

1.00- 2.00

Description:

An off-campus experience, normally of one-week duration, arranged through a qualified agency in Washington D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. A writing assignment is usually required upon completion of the seminar.

Type:

Social Science

- **GVT-505 Washington Seminar on National Security**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

A two-week intensive seminar in Washington DC; the first week will focus on a look inside the defense and intelligence community in the US government; the second week will examine issues, threats, and challenges in global society. The seminar, carried out in partnership with The Washington Center for Internships and Academic Seminars, will include briefing sessions with security officials, site visits, small group meetings, keeping a journal, and academic papers. There will also be some further academic work after you return to Suffolk. Prerequisites: Registration in this course requires advance application. The seminar is offered in May, and applications are due by March 1. Interested students should consult the instructor for further details.

Type:

Social Science

- **GVT-506 Political Convention Program**

Credits:

6.00

Description:

An opportunity to do an internship through the Washington Center at either the Republican National Convention or the Democratic National Convention. College students will learn what goes on behind the scenes and interact with important public figures that are influential in setting public policy at various levels of government. They spend a week prior to the convention studying the electoral process, familiarizing themselves with conventions operations and preparing for their convention fieldwork assignments. In addition, they hear from a wide variety of speakers, including members of the media, party officials, and other political personalities. Students are then assigned as volunteers to assist with the work of the convention during the second week.

Type:

Social Science

• GVT-507 GVT Study Trip

Prerequisites:

INSTRUCTOR'S PERMISSION This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

APPROVAL OF DEPT. CHAIRPERSON. Specially arranged study trip to a foreign country for the purpose of obtaining knowledge through direct experience and observation. Includes prearranged site visits, meetings, required reading and written assignments. ECR

Type:

Social Science,Expanded Classroom Requirement

• GVT-509 United Nations Seminar

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This course provides an introduction to the study of the role of the United Nations System in the globalization era. The course is divided in two main sections. The first is based on a series of readings, lectures and discussion on the rules, principles and norms which govern the relationship among states and the UN system; it also covers traditional topics such as the sources and subjects of international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors, human rights, humanitarian intervention, global environment, used of armed forces, as well as economic relations. The second part of the course is based on a required study trip to the UN headquarters in order to experience a direct contact with policy-makers within the UN system in a diversity of areas such as security, aid and peacekeeping areas.

Type:

Social Science, Expanded Classroom Requirement

• GVT-510 Independent Study

Prerequisites:

Instructor's consent required

Credits:

1.00- 4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

Type:

Social Science

• GVT-513 The Presidency, Congress & Media

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course is fast-paced, highly interactive, multi-media and thought provoking. We apply the traditional academic requirements at The Washington Center, while adding the unique elements that allow you to connect with students at other universities. This course offers interesting guests, lively discussions, thoughtful debates, historic video from C-SPAN and the National Archives. As we examine and analyze the political, legislative and social issues facing our country, we will take an in-depth look at the issues and events shaping the agenda for next Congress & the next round of elections. Our focus will also include the historical process of public policy making, as well as an intense examination on the changing role of media, especially social media, in shaping public opinion.

• GVT-515 Senior Seminar

Credits:

1.00

Description:

This course is designed to provide all Government degree-seeking students with a team-taught capstone experience. In this course, we will collectively discuss and consider career, professional and academic experience for the Government major, including learning more about the fields of public policy, public service, law, nonprofit management, international development, and nongovernmental organization management. This course focuses on career entry and transition, networking for career success, impression management concept and skills, and related life-long learning skills. Students articulate and reflect on academic, work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. Pre-requisite: Senior standing.

Type:

Social Science

• GVT-521 Internship in Government

Prerequisites:

Junior standing

Credits:

4.00

Description:

Approximately 12 hours a week working in a position that offers the student significant opportunity to learn about politics and/or government. Interested students should consult instructor in advance. ECR

Type:

Social Science,Expanded Classroom Requirement

• GVT-523 Washington Internship

Prerequisites:

Sophomore standing and instructor's permission required

Credits:

12.00

Description:

A full-time, one-semester internship in Washington, D.C. Consult the Department office for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

• GVT-524 Washington Internship

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524; Sophomore standing;

Credits:

4.00

Description:

ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-526 International Internship-London**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science,Expanded Classroom Requirement

- **GVT-527 International Internship-Brussels**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science,Expanded Classroom Requirement

• **GVT-528 International Seminar I**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 529

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation. ECR

Type:

Social Science,Expanded Classroom Requirement

• **GVT-529 International Seminar II**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 528

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-531 Washington/London Internship Program**

Credits:

8.00-12.00

Description:

This course combines a two week seminar in Washington, DC, with a 32 hour per week political internship in London for the rest of the semester. The focus is on understanding British politics and government in a comparative context. Prerequisites: simultaneous enrollment in GVT 528 and consent of instructor. 1 term - 12 credits.

Type:

Social Science,Expanded Classroom Requirement

- **GVT-533 International Internship-Edinburgh**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

- **GVT-555 Senior Thesis**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the department, for students in all tracks who meet the criteria for departmental honors and who wish to prepare a thesis for submission to the honors committee. Must be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 6 credits in Government at Suffolk University; advisor's signed consent; application approved by honors committee in spring of applicant's junior year. 1 term - 4 credits. Normally offered every fall.

Type:

Social Science

2014-2015 Archived Catalog Information

Graphic Design

The New England School of Art & Design offers a Bachelor of Fine Arts (BFA) in Graphic Design, a Graphic Design Certificate, and a Graphic Design minor.

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Certificate Program](#)
- [Graphic Design Courses](#)

Major Requirements: 28 courses, 88 credits

Courses numbered 200 and above have as a prerequisite the completion of the Foundation Studies program or its equivalent. Exceptions may be made only with the permission of the instructor and the Graphic Design program director.

The letter "S" preceding the course number indicates a studio course. A studio fee is assessed for all studio courses.

For specific sequence of courses, contact your advisor or the department.

- ADF-S101 Foundation Drawing I

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of

visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create

forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• ADF-S156 Imaging

Prerequisites:

ADF S166

Credits:

3.00

Description:

Digital visual image generation and modification, especially when combined with traditional hand techniques, are essential skills for artists and designers of the 21st century. This course introduces techniques of image capture, manipulation and output. Weekly and longer-length assignments will address creative and innovative idea generation using these approaches.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- ADF-S171 Integrated Studio 1

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

- ADF-S172 Integrated Studio 2

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

- ADG-S201 Basic Typography

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S204 Design Beyond Design**

Credits:

3.00

Description:

This course focuses on the multi-disciplinary nature of the graphic design profession and the designer as a visual communicator, critical thinker and problem solver. Students will be exposed to a series of outside topics to which they will apply design solutions, mirroring the range of fields in which designers today are employed.

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S213 Web Design I**

Prerequisites:

ADG S219

Credits:

3.00

Description:

This course will introduce basic web site design and creation skills to students in order to prepare them for more advanced study in Web Design II. The class will use a variety of industry standard software to design and create basic working websites. Students will learn HTML, XHTML and CSS. Javascript, Flash and Action Scripting will be discussed and presented as supplemental tools. Information architecture, wire frames, interface design, user experience and web page layouts will be explored. The history, societal context and future of new media will be discussed throughout the semester.

- **ADIL-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Development of visual research and photo reference, thumbnailing and rendering skills for ones presentation of ideas and concepts while designing the proper environment for their illustration will be required.

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADG-337 Professional Practice**

Prerequisites:

Senior BFA status

Credits:

3.00

Description:

This senior-year course is designed to provide final preparation for employment in the field of graphic design. In addition to helping each student develop a professional portfolio, the course will provide students with practical knowledge of the business aspects of graphic design, interviewing skills, resume preparation, personal branding and help students target internship opportunities for the following semester.

Term:

Offered Fall Term

- **ADG-S340 Web Design II**

Prerequisites:

ADG S213 or Instructors permission

Credits:

3.00

Description:

This course is intended as a continuation of the experience gained in Web Design I. The objective of the course is the development of advanced conceptual skills such as prototyping, usability testing, interactive philosophy, accessibility, project and content management. Students will further develop their professional multimedia skills by working with HTML, XHTML, CSS and other industry-standard tools. JavaScript will be discussed and we will use Flash for animation and video. Current techniques for distributions on mobile devices will be explored. Software that will be used during the class will include Dreamweaver, Flash, and other professional level software tools.

- **ADG-S344 Graphic Design III**

Prerequisites:

ADG S202, ADG S207, and ADG S219

Credits:

3.00

Description:

This continuation of Graphic Design I and II (ADG S206, 207) will concentrate on increasing sophistication in creative problem-solving abilities. Students will also develop an understanding of prepress terms and operations and the impact of technology on those operations. It will also provide

the knowledge and skills necessary to enable students to make appropriate prepress decisions regarding more complex projects. Senior status preferred.

Term:

Offered Fall Term

- **ADG-S345 Graphic Design IV**

Prerequisites:

ADG S344

Credits:

3.00

Description:

A continuation of the concepts and skills developed in Graphic Design III and their application to more complex, multi-pieced, in-depth projects.

Term:

Offered Spring Term

- **ADG-S354 Advanced Computer Applications**

Prerequisites:

ADG S201, ADG S206, and ADG S219

Credits:

3.00

Description:

This course is designed to further explore software applications for specific and experimental effects. It aims to provide students with the knowledge and skills necessary to choose the appropriate software application and to execute the desired design, focusing on the design itself rather than on the limitations of computer programs. The course also focuses on solving the technical and production problems when preparing artwork electronically for printing. Software applications include Adobe Creative Suite:InDesign, Illustrator, and Photoshop.

Term:

Offered Spring Term

Choose one of the following courses:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **ADG-400 Graphic Design Internship**

Prerequisites:

Senior BFA status.

Credits:

3.00- 4.00

Description:

Seniors are required to pursue an internship with a local graphic design firm, whose work is directly related to that students intended area of professional concentration. Interns will observe and participate in all office procedures permitted by their place of internship and will be required to maintain a notebook of their observations. Required classroom seminars will reinforce new skills, share learning experiences and answer questions or concerns.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **ADG-S410 Thesis Studio**

Prerequisites:

Senior BFA standing required.

Credits:

3.00

Description:

The Thesis Studio involves the application of previously learned studio skills in a detailed investigation of a design project relating to the student's intended professional area of specialization. Normally offered spring semester.

Art History Elective (1 course, 4 credits)

Studio Electives (3 courses, 9 credits)

These electives are subject to change and must be approved by the Graphic Design program director. Choose three of the following courses:

- **ADG-S302 Italian Journal: Painting and Drawing On Paper**

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

Expanded Classroom Requirement

- **ADG-S305 Conceptual Typography**

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further students' understanding of the conceptual possibilities of using type in design. Advanced typographic problems requiring the implementation of both traditional and alternative methods will facilitate a deeper exploration of modern communication issues including layered hierarchies, type in motion, typographic voice and illustration.

- **ADG-S311 Integrated Advertising**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

This course will provide instruction towards creatively translating marketing needs into innovative and effective advertising solutions through a series of challenging projects. Students will learn skills applicable to the advertising industry by focusing on creative executions across multiple-media applications including print, direct mail, collateral, outdoor, online, and other media. There will be emphases on idea generation and campaign development with the goal of message communication through the balance of various elements including page design, copywriting, typography, illustration, photography, and visual effects. The history of advertising from the early 20th century to the ever-changing complexity of today's digital landscape will be studied.

Term:

Occasional

- **ADG-S312 Packaging Design**

Prerequisites:

ADG S201 or ADG S601 AND ADG S206 or ADG S606 AND ADG S219 or ADG S619 OR Instructor Permission.

Credits:

3.00

Description:

In this course, students will study the evolution and history of packaging design, discuss philosophies, learn industry terminology and examine contemporary designs. Using case studies, students will analyze the package design process from concept to production and over the course of the semester, develop a line of packaging and supporting marketing materials for one brand. Guest lectures and field trips will supplement readings and in-class discussions, which will address brand extension and consistency, packaging templates, professional procedures, product photography and printing.

Term:

Occasional

- **ADG-S328 Designing for the Greater Good**

Prerequisites:

ADG S207 and ADG S219

Credits:

3.00

Description:

In this class, students will study contemporary models of inspiring change through branding, systems design, and product design, and explore how design can have an impact in raising awareness and funding for social, environmental, political, and health issues. Students will work on three integrated design campaigns projects focused in social innovation, design of community, connected to health, and environmental impact to learn how to identify the opportunities to inspire change through design, and how to leverage print, social media, new fundraising tools, and online resources to create a successful effort. Students will also explore successful case studies in cause-related design.

Term:

Occasional

- **ADG-S330 Motion Graphics**

Prerequisites:

ADG S219 OR instructor approval

Credits:

3.00

Description:

Enter the world of motion design and learn how to make movies that incorporate image, type and video. This class will focus on learning to create moving graphics that are geared toward being broadcast on television, web or film. Students will create time-based works such as title sequences, ads, and videos that they art direct. In the very near future, motion design will be a necessary skill for designers to compete in the marketplace. Motion design can be applied to many areas of graphic design from on-screen presentation to environmental design. During the class, students will build their motion design portfolio that will give them an edge above conventional print and web designers.

Term:

Offered Spring Term

- **ADG-S334 Publication Design**

Prerequisites:

ADG S202 and ADG S207 and ADG S219 or Instructor's Consent.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goals of this course are three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications for either a print or digital environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

- **ADG-S343 Advanced Topics in Interactive Design**

Prerequisites:

ADG-S340;

Credits:

3.00

Description:

This course is designed to follow Web II (ADG S340/ADG S740) and will prepare students for the real-world experiences designers often encounter in the field of interactive media. Students will continue their exploration of interactive design and choose a final project direction that furthers their understanding of interactive media. These topics include designing for and implementing Content Management Systems, designing and production for mobile computing platform uses, cross platform compatibility and concepts of information architecture, and designing with an emphasis on market needs for multimedia.

Term:

Occasional

- **ADG-S348 Advanced Illustration for Designers**

Prerequisites:

ADG S214

Credits:

3.00

Description:

This course focuses on the preparation of illustration for specific markets within the graphic design product development and publishing fields. Independent development and proficiency in a variety of media and the learning of different methods of preparing artwork for reproduction in traditional printed and/or digital environments will be covered. The continuation of the development of a personal sketchbook, photo reference, and the shooting of photographs for research will be further explored.

- **ADG-S360 Corporate Design**

Prerequisites:

ADG S202 and ADG S207

Credits:

3.00

Description:

This course explores the issues of contemporary branding used to identify, establish and promote the business community. Specific emphasis will be placed on the analysis and development of corporate identity systems including the development of logotypes, stationery, signage systems, marketing collateral/advertising/direct mail campaign development, environmental graphics and websites.

Term:

Occasional

- **ADG-S365 Digital Photography**

Credits:

3.00

Description:

This course offers students the experience of creating digital and film photographs while studying concepts of art direction and techniques that can enhance their compositions. The primary objective is to generate professional still and motion images for digital media, including the Web. Students will manipulate their photographic images using Photoshop rather than the traditional darkroom. Students will also learn how to photograph their own artwork and use a digital camera. Advanced students will be encouraged to explore independent tracks of study.

Term:

Occasional

- **ADG-S366 Environmental Graphic Design**

Prerequisites:

ADG S202, ADG S207 and ADG S219

Credits:

3.00

Description:

A cross disciplinary course bringing together interior design students and graphic design students to collaborate on problem solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three dimensional graphic design projects within the built environment.

Term:

Occasional

- **ADG-S370 Artists' Books**

Prerequisites:

Take ADG-S201 ADG-S206 or Instructor's permission.

Credits:

3.00

Description:

This course will cover traditional book design and construction techniques, as well as contemporary, non-traditional methods. Students will learn to blend design, craftsmanship and content to create books that are themselves works of art. This is a hands-on studio course.

Term:

Occasional

- **ADFA-S251 Printmaking Studio**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently. Open to NESADSU majors only.

Term:

Offered Fall Term

• ADIL-S202 Illustration II: Process & Practice

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on the process of the concepts and principles introduced in Illustration I with emphasis on idea generation and picture making. Assignments emphasize all aspects of preliminary stages and final art. Each assignment addresses a particular market and target audience with special emphasis on traditional narrative illustration that involves clothed figure models, other visual reference, and theatrical staging. Students will practice problem-solving within a defined set of parameters, using a medium of choice and utilizing approaches learned in Traditional Techniques and Digital Techniques. Emphasis is placed on the need to preserve spontaneity and vitality in task-based creative work. Various pre-production, formatting and presentation requirements for effective print and digital reproduction are also demonstrated.

Term:

Offered Spring Term

• ADIL-S223 Traditional Techniques

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

In this course students will explore a variety of wet and dry media traditionally used for art reproduction. A range of approaches, from precise to expressive, will be explored. Assignments will involve a wide range of subject matter (still life, wildlife, landscape, and human figure) drawn or painted from direct observation, photo reference, and invention. Students will explore fundamental principles of design and color through composition, with an emphasis on technical experimentation and practice.

Term:

Offered Fall Term

2014-2015 Archived Catalog Information

Graphic Design

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Certificate Program](#)
- [Graphic Design Courses](#)

Studio Art Minor: Graphic Design (6 courses, 18 credits)

Required Foundation Studies Course:

- ADF-S166 2D/Color

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Required Graphic Design Courses:

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

2014-2015 Archived Catalog Information

Graphic Design

The New England School of Art & Design offers a Bachelor of Fine Arts (BFA) in Graphic Design, a Graphic Design Certificate, and a Graphic Design minor.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Graphic Design](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Certificate Program](#)
- [Graphic Design Courses](#)

A short-term, part-time program, the Graphic Design Certificate is appropriate for those who have some prior college-level background and/or significant employment experience in a related field. Please review the curricular requirements as outlined and admission requirements in order to determine whether this program is appropriate for you.

Graphic Design Certificate Program: 12 courses, 36 credits

The Graphic Design Certificate is designed for those who do not want the extensive training of the BFA, but who require more focused design training to complement existing educational or work credentials.

Within the framework of a 12 course (36 credit) sequence, the program provides real-world preparation built on a foundation of design and typography skills, coupled with a thorough grounding in the use of the computer as a design tool. The primary emphasis of all courses, however, remains the conceptual, creative process. The goal of the program is to provide students with the practical and technical design skills necessary to secure entry-level employment in the graphic design field.

The Certificate is designed as a part-time program and can be completed in two or more years (four semesters minimum). Students may choose from day and evening course offerings and may take as many courses per semester as scheduling, prerequisite requirements, and outside commitments allow.

Requirements for Completion of the Graphic Design Certificate Program

- All students must earn a minimum of 36 credits, with a minimum cumulative grade point average of 2.0, in order to be awarded a Certificate in Graphic Design.
- All students must earn a minimum of 27 of the required 36 credits while enrolled as Certificate candidates and must satisfy all course requirements of the Certificate program. A maximum of 9 transfer or advanced-standing credits may be applied toward requirements for graduation.
 - Please note: credits earned as a NESAD continuing education student are considered transfer credits.

It is recommended that students take no more than five years to complete the program.

Certificate Requirements: 12 courses, 36 credits

- **ADF-S166 2D/Color**

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

- **ADG-337 Professional Practice**

Prerequisites:

Senior BFA status

Credits:

3.00

Description:

This senior-year course is designed to provide final preparation for employment in the field of graphic design. In addition to helping each student develop a professional portfolio, the course will provide students with practical knowledge of the business aspects of graphic design, interviewing skills, resume preparation, personal branding and help students target internship opportunities for the following semester.

Term:

Offered Fall Term

- **ADG-S344 Graphic Design III**

Prerequisites:

ADG S202, ADG S207, and ADG S219

Credits:

3.00

Description:

This continuation of Graphic Design I and II (ADG S206, 207) will concentrate on increasing sophistication in creative problem-solving abilities. Students will also develop an understanding of prepress terms and operations and the impact of technology on those operations. It will also provide the knowledge and skills necessary to enable students to make appropriate prepress decisions regarding more complex projects. Senior status preferred.

Term:

Offered Fall Term

- **ADG-S345 Graphic Design IV**

Prerequisites:

ADG S344

Credits:

3.00

Description:

A continuation of the concepts and skills developed in Graphic Design III and their application to more complex, multi-pieced, in-depth projects.

Term:

Offered Spring Term

- **ADG-S354 Advanced Computer Applications**

Prerequisites:

ADG S201, ADG S206, and ADG S219

Credits:

3.00

Description:

This course is designed to further explore software applications for specific and experimental effects. It aims to provide students with the knowledge and skills necessary to choose the appropriate software application and to execute the desired design, focusing on the design itself rather than on the limitations of computer programs. The course also focuses on solving the technical and production problems when preparing artwork electronically for printing. Software applications include Adobe Creative Suite:InDesign, Illustrator, and Photoshop.

Term:

Offered Spring Term

Studio Electives (2 courses, 6 credits)

These electives are subject to change and must be approved by the Graphic Design program director. Choose two of the following courses:

- **ADG-S213 Web Design I**

Prerequisites:

ADG S219

Credits:

3.00

Description:

This course will introduce basic web site design and creation skills to students in order to prepare them for more advanced study in Web Design II. The class will use a variety of industry standard software to design and create basic working websites. Students will learn HTML, XHTML and CSS. Javascript, Flash and Action Scripting will be discussed and presented as supplemental tools. Information architecture, wire frames, interface design, user experience and web page layouts will be explored. The history, societal context and future of new media will be discussed throughout the semester.

- **ADIL-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Development of visual research and photo reference, thumbnailing and rendering skills for ones presentation of ideas and concepts while designing the proper environment for their illustration will be required.

- **ADG-S302 Italian Journal: Painting and Drawing On Paper**

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

Expanded Classroom Requirement

• ADG-S305 Conceptual Typography

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further students' understanding of the conceptual possibilities of using type in design. Advanced typographic problems requiring the implementation of both traditional and alternative methods will facilitate a deeper exploration of modern communication issues including layered hierarchies, type in motion, typographic voice and illustration.

• ADG-S311 Integrated Advertising

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

This course will provide instruction towards creatively translating marketing needs into innovative and effective advertising solutions through a series of challenging projects. Students will learn skills applicable to the advertising industry by focusing on creative executions across multiple-media applications including print, direct mail, collateral, outdoor, online, and other media. There will be emphases on idea generation and campaign development with the goal of message communication through the balance of various elements including page design, copywriting, typography, illustration, photography, and visual effects. The history of advertising from the early 20th century to the ever-changing complexity of today's digital landscape will be studied.

Term:

Occasional

• ADG-S312 Packaging Design

Prerequisites:

ADG S201 or ADG S601 AND ADG S206 or ADG S606 AND ADG S219 or ADG S619 OR Instructor Permission.

Credits:

3.00

Description:

In this course, students will study the evolution and history of packaging design, discuss philosophies, learn industry terminology and examine contemporary designs. Using case studies, students will analyze the package design process from concept to production and over the course of the semester, develop a line of packaging and supporting marketing materials for one brand. Guest lectures and field trips will supplement readings and in-class discussions, which will address brand extension and consistency, packaging templates, professional procedures, product photography and printing.

Term:

Occasional

• ADG-S328 Designing for the Greater Good

Prerequisites:

ADG S207 and ADG S219

Credits:

3.00

Description:

In this class, students will study contemporary models of inspiring change through branding, systems design, and product design, and explore how design can have an impact in raising awareness and funding for social, environmental, political, and health issues. Students will work on three integrated design campaigns projects focused in social innovation, design of community, connected to health, and environmental impact to learn how to identify the opportunities to inspire change through design, and how to leverage print, social media, new fundraising tools, and online resources to create a successful effort. Students will also explore successful case studies in cause-related design.

Term:

Occasional

- **ADG-S330 Motion Graphics**

Prerequisites:

ADG S219 OR instructor approval

Credits:

3.00

Description:

Enter the world of motion design and learn how to make movies that incorporate image, type and video. This class will focus on learning to create moving graphics that are geared toward being broadcast on television, web or film. Students will create time-based works such as title sequences, ads, and videos that they art direct. In the very near future, motion design will be a necessary skill for designers to compete in the marketplace. Motion design can be applied to many areas of graphic design from on-screen presentation to environmental design. During the class, students will build their motion design portfolio that will give them an edge above conventional print and web designers.

Term:

Offered Spring Term

- **ADG-S334 Publication Design**

Prerequisites:

ADG S202 and ADG S207 and ADG S219 or Instructor's Consent.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goals of this course are three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications for either a print or digital environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

- **ADG-S340 Web Design II**

Prerequisites:

ADG S213 or Instructors permission

Credits:

3.00

Description:

This course is intended as a continuation of the experience gained in Web Design I. The objective of the course is the development of advanced conceptual skills such as prototyping, usability testing, interactive philosophy, accessibility, project and content management. Students will further develop their professional multimedia skills by working with HMTL, XHMTL, CSS and other industry-standard tools. JavaScript will be discussed and we will use Flash for animation and video. Current techniques for distributions on mobile devices will be explored. Software that will be used during the class will include Dreamweaver, Flash, and other professional level software tools.

- **ADG-S348 Advanced Illustration for Designers**

Prerequisites:

ADG S214

Credits:

3.00

Description:

This course focuses on the preparation of illustration for specific markets within the graphic design product development and publishing fields. Independent development and proficiency in a variety of media and the learning of different methods of preparing artwork for reproduction in traditional printed and/or digital environments will be covered. The continuation of the development of a personal sketchbook, photo reference, and the shooting of photographs for research will be further explored.

• ADG-S360 Corporate Design

Prerequisites:

ADG S202 and ADG S207

Credits:

3.00

Description:

This course explores the issues of contemporary branding used to identify, establish and promote the business community. Specific emphasis will be placed on the analysis and development of corporate identity systems including the development of logotypes, stationery, signage systems, marketing collateral/advertising/direct mail campaign development, environmental graphics and websites.

Term:

Occasional

• ADG-S365 Digital Photography

Credits:

3.00

Description:

This course offers students the experience of creating digital and film photographs while studying concepts of art direction and techniques that can enhance their compositions. The primary objective is to generate professional still and motion images for digital media, including the Web. Students

will manipulate their photographic images using Photoshop rather than the traditional darkroom. Students will also learn how to photograph their own artwork and use a digital camera. Advanced students will be encouraged to explore independent tracks of study.

Term:

Occasional

• ADG-S366 Environmental Graphic Design

Prerequisites:

ADG S202, ADG S207 and ADG S219

Credits:

3.00

Description:

A cross disciplinary course bringing together interior design students and graphic design students to collaborate on problem solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three dimensional graphic design projects within the built environment.

Term:

Occasional

• ADG-S370 Artists' Books

Prerequisites:

Take ADG-S201 ADG-S206 or Instructor's permission.

Credits:

3.00

Description:

This course will cover traditional book design and construction techniques, as well as contemporary, non-traditional methods. Students will learn to blend design, craftsmanship and content to create books that are themselves works of art. This is a hands-on studio course.

Term:

Occasional

- **ADG-400 Graphic Design Internship**

Prerequisites:

Senior BFA status.

Credits:

3.00- 4.00

Description:

Seniors are required to pursue an internship with a local graphic design firm, whose work is directly related to that students intended area of professional concentration. Interns will observe and participate in all office procedures permitted by their place of internship and will be required to maintain a notebook of their observations. Required classroom seminars will reinforce new skills, share learning experiences and answer questions or concerns.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **ADFA-S251 Printmaking Studio**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently. Open to NESADSU majors only.

Term:

Offered Fall Term

2014-2015 Archived Catalog Information

Graphic Design

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- [Major Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Certificate Program](#)
- [Graphic Design Courses](#)

- ADG-100 Fundamentals of Graphic Design

Credits:

2.00

Description:

This course will introduce students to the fundamentals of communication problem-solving, such as research, typography, concept and design development, and will expose students to the basic concepts of graphic design, including such specialties as advertising, corporate design and packaging. The primary purpose of the course is to aid students in deciding whether to pursue a career in graphic design. This course is a prerequisite for admission into the Electronic Graphic Design Certificate Program. A grade of B or better in this course will waive the standard portfolio requirement.

Term:

Offered Both Fall and Spring

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ADG-337 Professional Practice**

Prerequisites:

Senior BFA status

Credits:

3.00

Description:

This senior-year course is designed to provide final preparation for employment in the field of graphic design. In addition to helping each student develop a professional portfolio, the course will provide students with practical knowledge of the business aspects of graphic design, interviewing skills, resume preparation, personal branding and help students target internship opportunities for the following semester.

Term:

Offered Fall Term

- **ADG-400 Graphic Design Internship**

Prerequisites:

Senior BFA status.

Credits:

3.00- 4.00

Description:

Seniors are required to pursue an internship with a local graphic design firm, whose work is directly related to that students intended area of professional concentration. Interns will observe and participate in all office procedures permitted by their place of internship and will be required to maintain a notebook of their observations. Required classroom seminars will reinforce new skills, share learning experiences and answer questions or concerns.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **ADG-500 Graphic Design Directed Study**

Prerequisites:

Consent of Program Director required

Credits:

3.00

Description:

The student completes a directed study project, under the supervision of a graphic design faculty member. All Directed Study request forms must be accompanied by a written proposal and schedule and must be approved by the faculty member, the Graphic Design Program Director, and the department Chair.

- **ADG-510 Graphic Design Undergraduate Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 6.00

Description:

An Independent Study provides the student with the opportunity to examine an issue of interest that falls outside the parameters of the existing curricula. The student will work on a one-on-one basis with a full-time faculty member to realize a particular and well-defined goal. All proposals for Independent Study must be approved by the Deans Office in advance of the semester during which the work will be completed.

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S204 Design Beyond Design**

Credits:

3.00

Description:

This course focuses on the multi-disciplinary nature of the graphic design profession and the designer as a visual communicator, critical thinker and problem solver. Students will be exposed to a series of outside topics to which they will apply design solutions, mirroring the range of fields in which designers today are employed.

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S213 Web Design I**

Prerequisites:

ADG S219

Credits:

3.00

Description:

This course will introduce basic web site design and creation skills to students in order to prepare them for more advanced study in Web Design II. The class will use a variety of industry standard software to design and create basic working websites. Students will learn HTML, XHTML and CSS. Javascript, Flash and Action Scripting will be discussed and presented as supplemental tools. Information architecture, wire frames, interface design, user experience and web page layouts will be explored. The history, societal context and future of new media will be discussed throughout the semester.

- **ADG-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Students' development of visual research and photo reference, thumbnailing and rendering skills for a presentation of ideas and concepts while designing the proper environment for their illustration will be required.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

- **ADG-S250 Graphic Design I-II**

Prerequisites:

Open to MAGD Accelerated Program Students only.

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, this course will also introduce students to language, tools and techniques of the professional graphic designer. Attention will be paid to the conception, production, and presentation in solving design problems. This course will expose students to a series of exercises designed to show how to get from observation and research, to the incorporation of these findings into the design of communication vehicles (logos, brochures, posters, ads, etc.) on a variety of scales. As a survey of graphic design, the goal of this course is to deal with typical problems faced by graphic designers in their profession.

Term:

Summer

• ADG-S302 Italian Journal: Painting and Drawing On Paper

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

- **ADG-S305 Conceptual Typography**

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further students' understanding of the conceptual possibilities of using type in design. Advanced typographic problems requiring the implementation of both traditional and alternative methods will facilitate a deeper exploration of modern communication issues including layered hierarchies, type in motion, typographic voice and illustration.

- **ADG-S311 Integrated Advertising**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

This course will provide instruction towards creatively translating marketing needs into innovative and effective advertising solutions through a series of challenging projects. Students will learn skills applicable to the advertising industry by focusing on creative executions across multiple-media applications including print, direct mail, collateral, outdoor, online, and other media. There will be emphases on idea generation and campaign development with the goal of message communication through the balance of various elements including page design, copywriting, typography, illustration, photography, and visual effects. The history of advertising from the early 20th century to the ever-changing complexity of today's digital landscape will be studied.

Term:

Occasional

- **ADG-S312 Packaging Design**

Prerequisites:

ADG S201 or ADG S601 AND ADG S206 or ADG S606 AND ADG S219 or ADG S619 OR Instructor Permission.

Credits:

3.00

Description:

In this course, students will study the evolution and history of packaging design, discuss philosophies, learn industry terminology and examine contemporary designs. Using case studies, students will analyze the package design process from concept to production and over the course of the semester, develop a line of packaging and supporting marketing materials for one brand. Guest lectures and field trips will supplement readings and in-class discussions, which will address brand extension and consistency, packaging templates, professional procedures, product photography and printing.

Term:

Occasional

- **ADG-S316 Interactive Project Development**

Prerequisites:

ADG S340 or Instructor's consent.

Credits:

3.00

Description:

This course will allow students to take the skills learned in Web I, Web II and Advanced Topics, and apply them to the kinds of projects they'll see in a professional setting. The class will focus on challenging students to develop a holistic understanding of how the code they write affects their designs, and vice versa, and to think about how all aspects of building a website affect the final user experience. There will also be a strong emphasis on expanding student digital portfolios, with numerous projects based on actual client requests, fully mobile-friendly responsive sites, group projects and more. Students will learn related skills like server management, search engine optimization and how to work as part of a team. This class is intended to prepare students who plan to enter the web and interactive fields upon graduation.

Term:

Occasional

- **ADG-S328 Designing for the Greater Good**

Prerequisites:

ADG S207 and ADG S219

Credits:

3.00

Description:

In this class, students will study contemporary models of inspiring change through branding, systems design, and product design, and explore how design can have an impact in raising awareness and funding for social, environmental, political, and health issues. Students will work on three integrated design campaigns projects focused in social innovation, design of community, connected to health, and environmental impact to learn how to identify the opportunities to inspire change through design, and how to leverage print, social media, new fundraising tools, and online resources to create a successful effort. Students will also explore successful case studies in cause-related design.

Term:

Occasional

- **ADG-S330 Motion Graphics**

Prerequisites:

ADG S219 OR instructor approval

Credits:

3.00

Description:

Enter the world of motion design and learn how to make movies that incorporate image, type and video. This class will focus on learning to create moving graphics that are geared toward being broadcast on television, web or film. Students will create time-based works such as title sequences, ads, and videos that they art direct. In the very near future, motion design will be a necessary skill for designers to compete in the marketplace. Motion

design can be applied to many areas of graphic design from on-screen presentation to environmental design. During the class, students will build their motion design portfolio that will give them an edge above conventional print and web designers.

Term:

Offered Spring Term

• ADG-S334 Publication Design

Prerequisites:

ADG S202 and ADG S207 and ADG S219 or Instructor's Consent.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goals of this course are three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications for either a print or digital environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

• ADG-S340 Web Design II

Prerequisites:

ADG S213 or Instructors permission

Credits:

3.00

Description:

This course is intended as a continuation of the experience gained in Web Design I. The objective of the course is the development of advanced conceptual skills such as prototyping, usability testing, interactive philosophy, accessibility, project and content management. Students will further

develop their professional multimedia skills by working with HTML, XHTML, CSS and other industry-standard tools. JavaScript will be discussed and we will use Flash for animation and video. Current techniques for distributions on mobile devices will be explored. Software that will be used during the class will include Dreamweaver, Flash, and other professional level software tools.

- **ADG-S343 Advanced Topics in Interactive Design**

Prerequisites:

ADG-S340;

Credits:

3.00

Description:

This course is designed to follow Web II (ADG S340/ADG S740) and will prepare students for the real-world experiences designers often encounter in the field of interactive media. Students will continue their exploration of interactive design and choose a final project direction that furthers their understanding of interactive media. These topics include designing for and implementing Content Management Systems, designing and production for mobile computing platform uses, cross platform compatibility and concepts of information architecture, and designing with an emphasis on market needs for multimedia.

Term:

Occasional

- **ADG-S344 Graphic Design III**

Prerequisites:

ADG S202, ADG S207, and ADG S219

Credits:

3.00

Description:

This continuation of Graphic Design I and II (ADG S206, 207) will concentrate on increasing sophistication in creative problem-solving abilities. Students will also develop an understanding of prepress terms and operations and the impact of technology on those operations. It will also provide

the knowledge and skills necessary to enable students to make appropriate prepress decisions regarding more complex projects. Senior status preferred.

Term:

Offered Fall Term

- **ADG-S345 Graphic Design IV**

Prerequisites:

ADG S344

Credits:

3.00

Description:

A continuation of the concepts and skills developed in Graphic Design III and their application to more complex, multi-pieced, in-depth projects.

Term:

Offered Spring Term

- **ADG-S348 Advanced Illustration for Designers**

Prerequisites:

ADG S214

Credits:

3.00

Description:

This course focuses on the preparation of illustration for specific markets within the graphic design product development and publishing fields. Independent development and proficiency in a variety of media and the learning of different methods of preparing artwork for reproduction in traditional printed and/or digital environments will be covered. The continuation of the development of a personal sketchbook, photo reference, and the shooting of photographs for research will be further explored.

- **ADG-S354 Advanced Computer Applications**

Prerequisites:

ADG S201, ADG S206, and ADG S219

Credits:

3.00

Description:

This course is designed to further explore software applications for specific and experimental effects. It aims to provide students with the knowledge and skills necessary to choose the appropriate software application and to execute the desired design, focusing on the design itself rather than on the limitations of computer programs. The course also focuses on solving the technical and production problems when preparing artwork electronically for printing. Software applications include Adobe Creative Suite:InDesign, Illustrator, and Photoshop.

Term:

Offered Spring Term

- **ADG-S360 Corporate Design**

Prerequisites:

ADG S202 and ADG S207

Credits:

3.00

Description:

This course explores the issues of contemporary branding used to identify, establish and promote the business community. Specific emphasis will be placed on the analysis and development of corporate identity systems including the development of logotypes, stationery, signage systems, marketing collateral/advertising/direct mail campaign development, environmental graphics and websites.

Term:

Occasional

- ADG-S365 Digital Photography

Credits:

3.00

Description:

This course offers students the experience of creating digital and film photographs while studying concepts of art direction and techniques that can enhance their compositions. The primary objective is to generate professional still and motion images for digital media, including the Web. Students will manipulate their photographic images using Photoshop rather than the traditional darkroom. Students will also learn how to photograph their own artwork and use a digital camera. Advanced students will be encouraged to explore independent tracks of study.

Term:

Occasional

- ADG-S366 Environmental Graphic Design

Prerequisites:

ADG S202, ADG S207 and ADG S219

Credits:

3.00

Description:

A cross disciplinary course bringing together interior design students and graphic design students to collaborate on problem solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three dimensional graphic design projects within the built environment.

Term:

Occasional

- ADG-S370 Artists' Books

Prerequisites:

Take ADG-S201 ADG-S206 or Instructor's permission.

Credits:

3.00

Description:

This course will cover traditional book design and construction techniques, as well as contemporary, non-traditional methods. Students will learn to blend design, craftsmanship and content to create books that are themselves works of art. This is a hands-on studio course.

Term:

Occasional

- **ADG-S410 Thesis Studio**

Prerequisites:

Senior BFA standing required.

Credits:

3.00

Description:

The Thesis Studio involves the application of previously learned studio skills in a detailed investigation of a design project relating to the student's intended professional area of specialization. Normally offered spring semester.

- **ADG-S500 Graphic Design Directed Studio**

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

The student completes a directed studio project under the supervision of a graphic design faculty member. All Directed Studio request forms must be accompanied by a written proposal and schedule and must be approved by the faculty member, the Graphic Design Program Director, and the department Chair.

Term:

Offered Both Fall and Spring

• ADG-S510 Graphic Design Independent Study

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

In an Independent Studio/Study, the student works in an independent fashion, pursuing an area of study that is outside the scope of existing curricula. Independent Studio/Study courses require CAS Dean's approval in addition to departmental approval.

2014-2015 Archived Catalog Information

History & Literature (Honors)

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)

Major Requirements: 14-15 courses, 56-60 credits

This interdisciplinary honors program provides interested and qualified students an opportunity to explore the relations between history and literature. The History and Literature Honors student must complete a major in either History (40 credits) or English (36 credits) and a minor in the other field (20 credits in English; 20 credits in History). A student may also double major in History and English.

To be considered for honors in History and Literature, a student must satisfy the following criteria:

1. Prospective majors must seek the approval of the coordinators of the program to undertake this major. Qualifying students must have a 3.5 GPA in the major subject.
2. Students must complete two classes on methodology. These courses also fulfill major and minor requirements in each department:

- **HST-200 Gateway to the Past: The Historian's Craft**

Credits:

4.00

Description:

What does it mean to study history? Why is history a particularly valuable means of understanding human experiences and problems? Historians do more than acquire facts about people and societies of the past. Historians debate the past as they uncover new information, develop new interpretative frameworks, and ask new questions. This course introduces students to history as a method of thought and inquiry, the development of history as a discipline, and to new trends and methodologies in the field. Prerequisite: Must be a History Major with at least sophomore status.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• ENG-301 Gateway Seminar for Majors

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 fewer than 80 credits

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

3. The student must complete one honors seminar in English or History. The honors seminar may also fulfill a major or minor requirement.
4. The student must complete an interdisciplinary honors thesis under the joint direction of one professor in History and one professor in English. To write a thesis, the student should register for Independent Study in the major department (ENG-510 or HST-510). Normally, the student should undertake one credit of 510 in the fall semester of the senior year and three credits of 510 in the spring semester of the senior year. Independent Study (510) may fulfill an elective in the major. Any student who completes 510 will receive credit for the course; however, projects completed in 510 must also be approved by the History and English departments to satisfy the requirement for honors.
5. The student must provide an oral defense of the honors thesis, to be evaluated and approved by faculty from both departments.
6. Honors students must finish their coursework in the major and minor with a GPA of 3.5.

7. In special circumstances (such as the case of transfer students), particular exceptions to the requirements above will be considered.

Interdisciplinary Advising in History and Literature

To facilitate this process, and to help the student select appropriate courses in both departments, the student should seek advising as follows:

1. The student should see the coordinators of the program during advising periods to ensure that departmental requirements and honors requirements for the major and minor are being met. The coordinators will also help the student to identify potential thesis advisors and to coordinate interdepartmental aspects of the program such as the oral defense. Finally, the coordinators will guide the student in selecting courses in the department that are particularly interdisciplinary in approach or that are appropriate to the student's focus. For example, a student may be directed to courses in both departments on American History and Literature of the 19th Century or on Women in History and Literature.
2. The student must select two thesis advisors, one from History and one from English. These advisors will help the student identify a thesis topic and guide him or her through the writing process, and may also help the student to select courses appropriate to his or her research interests.

2014-2015 Archived Catalog Information

History

Each major will take two courses from the introductory sequences (U.S. History, World History, Western Civilization, Empires and Globalization), as well as Gateway to the Past, and any seven additional History courses at or above the 200 level. Students may focus their upper-level courses in an area of interest; one upper-level course may be an internship, a directed study, or writing a senior honors essay, which must be done in consultation with a member of the History faculty.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

Major Requirements: 10 courses, 40 credits

- HST-200 Gateway to the Past: The Historian's Craft

Credits:

4.00

Description:

What does it mean to study history? Why is history a particularly valuable means of understanding human experiences and problems? Historians do more than acquire facts about people and societies of the past. Historians debate the past as they uncover new information, develop new

interpretative frameworks, and ask new questions. This course introduces students to history as a method of thought and inquiry, the development of history as a discipline, and to new trends and methodologies in the field. Prerequisite: Must be a History Major with at least sophomore status.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following two-course sequences (8 credits):

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

A survey of European culture, politics, and society from antiquity to the seventeenth century, examining such topics as: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

A survey of European culture, politics, and society from the Scientific Revolution to the present, examining such topics as the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Or

- **HST-121 World History I**

Credits:

4.00

Description:

A survey of the civilizations of the ancient fertile Crescent, China, India, Greece, Rome, Byzantium, the rise of Islam, Africa, the Americas, the Chinese borderlands and medieval Europe from the beginning of history to 1500. We study the uniqueness and similarities of each civilization, how they interacted with each other, and how they changed over time. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-122 World History II**

Credits:

4.00

Description:

A survey of human civilizations from 1500 to the present. Course explores themes such as the development of new trading networks, including the slave trade, religious and intellectual innovation, the rise of nationalism and creation of nation-states, the democratic revolutions, imperialism and world war. We study social change such as gender and race relations; technological and scientific revolutions; and cultural achievements of all civilizations. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

Or

• HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement

• HST-150 Empires & Globalization in World History II

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

Or

- **HST-181 American Society, Politics, and Culture: Through the Civil War**

Credits:

4.00

Description:

A survey of American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Humanities & History,Humanities Literature Requirement

- **HST-182 American Society, Politics, and Culture: Civil War to the Present**

Credits:

4.00

Description:

A survey of American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Majors must also complete 7 history courses at the 200-level or above (28 credits).

History Concentration

Students have the ability to engage in focused study in a particular area of history – American, European, African-American, Asian, women and gender, or public history – by taking at least 4 upper-level courses in one of those areas.

2014-2015 Archived Catalog Information

History

Each major will take two courses from the introductory sequences (U.S. History, World History, Western Civilization, Empires and Globalization), as well as Gateway to the Past, and any seven additional History courses at or above the 200 level. Students may focus their upper-level courses in an area of interest; one upper-level course may be an internship, a directed study, or writing a senior honors essay, which must be done in consultation with a member of the History faculty.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

Minor Requirements: 5 courses, 20 credits

Choose one of the following 2-course sequences (8 credits):

- HST-101 History of Western Civilization I

Credits:

4.00

Description:

A survey of European culture, politics, and society from antiquity to the seventeenth century, examining such topics as: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-102 History of Western Civilization II

Credits:

4.00

Description:

A survey of European culture, politics, and society from the Scientific Revolution to the present, examining such topics as the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Or

• HST-121 World History I

Credits:

4.00

Description:

A survey of the civilizations of the ancient fertile Crescent, China, India, Greece, Rome, Byzantium, the rise of Islam, Africa, the Americas, the Chinese borderlands and medieval Europe from the beginning of history to 1500. We study the uniqueness and similarities of each civilization, how they interacted with each other, and how they changed over time. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-122 World History II**

Credits:

4.00

Description:

A survey of human civilizations from 1500 to the present. Course explores themes such as the development of new trading networks, including the slave trade, religious and intellectual innovation, the rise of nationalism and creation of nation-states, the democratic revolutions, imperialism and world war. We study social change such as gender and race relations; technological and scientific revolutions; and cultural achievements of all civilizations. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

Or

- **HST-149 Empires & Globalization in World History I**

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

• HST-150 Empires & Globalization in World History II

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

Or

- **HST-181 American Society, Politics, and Culture: Through the Civil War**

Credits:

4.00

Description:

A survey of American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **HST-182 American Society, Politics, and Culture: Civil War to the Present**

Credits:

4.00

Description:

A survey of American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Choose 3 additional history courses at the 200-level and above (12 credits).

2014-2015 Archived Catalog Information

History

Each major will take two courses from the introductory sequences (U.S. History, World History, Western Civilization, Empires and Globalization), as well as Gateway to the Past, and any seven additional History courses at or above the 200 level. Students may focus their upper-level courses in an area of interest; one upper-level course may be an internship, a directed study, or writing a senior honors essay, which must be done in consultation with a member of the History faculty.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

A student receiving honors in History will:

- Have an overall GPA of 3.5, and a GPA of 3.7 in History courses
- Complete a 20-35 page research paper under the direction of a member of the History faculty

A student wishing to pursue honors will:

- Submit an application for honors, a writing sample, and two letters of recommendation from History faculty, to the History chair in the semester before undertaking their honors paper
- Meet regularly with a thesis advisor during the semester he or she writes the honors paper. Members of the History faculty will read and evaluate the candidate's paper and determine if the candidate will receive honors in History.

2014-2015 Archived Catalog Information

History

Each major will take two courses from the introductory sequences (U.S. History, World History, Western Civilization, Empires and Globalization), as well as Gateway to the Past, and any seven additional History courses at or above the 200 level. Students may focus their upper-level courses in an area of interest; one upper-level course may be an internship, a directed study, or writing a senior honors essay, which must be done in consultation with a member of the History faculty.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

This honors program in History and Literature provides interested and qualified students the opportunity to explore in-depth the relations between these two intertwined fields. Students must complete the requirements for a major in either History or English and also complete the requirements for the minor in the other of the two departments. The student must also complete the honors program in both departments.

See the [History and Literature major requirements](#).

2014-2015 Archived Catalog Information

History

Each major will take two courses from the introductory sequences (U.S. History, World History, Western Civilization, Empires and Globalization), as well as Gateway to the Past, and any seven additional History courses at or above the 200 level. Students may focus their upper-level courses in an area of interest; one upper-level course may be an internship, a directed study, or writing a senior honors essay, which must be done in consultation with a member of the History faculty.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

Phi Alpha Theta, the National History Honor Society, has had a presence at Suffolk in the form of its Theta Lambda Chapter since 1962. It is composed of both faculty and student members. Student membership is determined by the completion of at least 20 semester hours of History courses with an average of 3.6, plus a general cumulative average of 3.4. Transferred credits cannot be counted in the requirements. Invitations to membership are extended in the spring, and induction will take place at the annual reception for graduating History majors and minors at the end of April.

2014-2015 Archived Catalog Information

History

Each major will take two courses from the introductory sequences (U.S. History, World History, Western Civilization, Empires and Globalization), as well as Gateway to the Past, and any seven additional History courses at or above the 200 level. Students may focus their upper-level courses in an area of interest; one upper-level course may be an internship, a directed study, or writing a senior honors essay, which must be done in consultation with a member of the History faculty.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B, Diverse Perspectives

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

A survey of European culture, politics, and society from antiquity to the seventeenth century, examining such topics as: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

A survey of European culture, politics, and society from the Scientific Revolution to the present, examining such topics as the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

- **HST-110 Walk to Remember: The Freedom Trail**

Credits:

2.00

Description:

Begin with a walking tour of the Freedom Trail conducted by Charles Bahne, author of The Complete Guide to Boston's Freedom Trail. Stops include the Old South Meeting House, the Old State House, Faneuil Hall, the Ancient and Honorable Artillery Company Museum, Paul Revere House, and the Old North Church. Students will learn the historical significance of each site and its connection to Boston's role in the American Revolution. In addition, they will develop their research skills during a visit to the Massachusetts Historical Society. The course concludes with a guided walk along the Black Heritage Trail through Beacon Hill, home to some of Boston's key abolitionist leaders. *An additional field trip fee applies for various visits throughout Boston This course does not fulfill core requirements.

Term:

Summer

Type:

Humanities & History, Humanities Literature Requirement

- **HST-115 Introduction to Chinese History and Culture**

Credits:

4.00

Description:

A survey of Chinese society from its origins, development, and interactions with the outside world, to China's recent return to its position as a world power. We will use books, films, and cultural objects to examine Chinese culture and society in action, and encourage discussion on real-life issues, such as U.S.-China relationship, the impact of China's rise on American life, and how to compete with China and prepare for the challenges of a world in which China becomes Number One," surpassing the U. S. as the world's largest economy. The course will spark students' interest in China and enable them to relate Chinese history and society to their lives and careers.

Type:

• HST-121 World History I

Credits:

4.00

Description:

A survey of the civilizations of the ancient fertile Crescent, China, India, Greece, Rome, Byzantium, the rise of Islam, Africa, the Americas, the Chinese borderlands and medieval Europe from the beginning of history to 1500. We study the uniqueness and similarities of each civilization, how they interacted with each other, and how they changed over time. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• HST-122 World History II

Credits:

4.00

Description:

A survey of human civilizations from 1500 to the present. Course explores themes such as the development of new trading networks, including the slave trade, religious and intellectual innovation, the rise of nationalism and creation of nation-states, the democratic revolutions, imperialism and world war. We study social change such as gender and race relations; technological and scientific revolutions; and cultural achievements of all civilizations. Cultural Diversity B

Term:

Offered Spring Term

Type:

- HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement

- HST-H149 Honors Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

- **HST-169 African-American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to BLKST 169.

Term:

Occasional

Type:

- **HST-181 American Society, Politics, and Culture: Through the Civil War**

Credits:

4.00

Description:

A survey of American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **HST-182 American Society, Politics, and Culture: Civil War to the Present**

Credits:

4.00

Description:

A survey of American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

- **HST-200 Gateway to the Past: The Historian's Craft**

Credits:

4.00

Description:

What does it mean to study history? Why is history a particularly valuable means of understanding human experiences and problems? Historians do more than acquire facts about people and societies of the past. Historians debate the past as they uncover new information, develop new interpretative frameworks, and ask new questions. This course introduces students to history as a method of thought and inquiry, the development of history as a discipline, and to new trends and methodologies in the field. Prerequisite: Must be a History Major with at least sophomore status.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **HST-210 Traditional Chinese Society from 1800 to 1949**

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Type:

Humanities & History

- **HST-215 History of the Vikings**

Credits:

4.00

Description:

An examination of the Viking phenomenon between the eighth and eleventh centuries, including the origin of the Vikings in Scandinavia and the expansion and impact of the Danes/Normans in Germany, the Baltic region, England, France, and Sicily; the Varangians (Swedes) in Kievan Rus and Constantinople; and the Norse in Scotland, Ireland, Iceland, Greenland, and Vinland (Newfoundland and Labrador).

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-216 The Thousand Year Reich: the Holy Roman Empire, 800-1806**

Credits:

4.00

Description:

An examination of the purposes, ideology, structure, institutions, context, and historical evolution of Europe's most enduring, most important, most influential, and (before the European Union) most inclusive political formation, the Holy Roman Empire, during its thousand-year history from the coronation of Charlemagne in 800 to its dissolution in the Napoleonic Europe of 1806.

- **HST-218 History of the Mongols**

Credits:

4.00

Description:

The history of the Mongol Empire, from the emergence of unified Mongol federation at the beginning of 13th century to its dismemberment into independent territories in Mongolia, China, Transoxiana, Iran, and Kipchak Khanate. We will discuss the topological and geographical features of the Mongolian homeland; and the social, economic, and ideological aspects of their lives. The life and the military and political achievements of Genghis Khan will be highlighted, as well as the Mongols' rule over conquered realms. We will also explore through critical discussions the most important historical approaches to the Mongols.

• HST-221 William Lloyd Garrison in Boston's Abolition Movement

Credits:

4.00

Description:

A focus on the life of William Lloyd Garrison, whom Frederick Douglass called, the chief apostle of the unconditional emancipation of all the slaves. We will focus on the words of Garrison, on his support from the Boston colored community, and his role in the national Abolition movement. Garrison's confidence in the power of moral agitation to overcome institutional inertia will be a theme. The views of a spectrum of historians, writing from the context of many years, will raise questions about movement strategies relevant also today.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-223 History of Law

Credits:

4.00

Description:

This course surveys the law's historical development, from the uncoded customs of the ancient world, to the first legal code of Hammurabi, to the European legal tradition: Roman law, Canon law, and the Anglo-Saxon common law. We will examine the law's historical development and its role in different historical moments. We will explore modern law and legal institutions; the relationship between law and society in the transition from feudalism to capitalism; the rise of human rights and the rule of law in Western democracies, including the rise of the legal exception (slavery, for example).

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-224 Civil Rights in the 20th Century

Credits:

4.00

Description:

What is meant by the term civil rights? How do civil rights affect notions of what it means to be an American? In Civil Rights in the Twentieth Century, students will explore the history of civil rights movements- from the Reconstruction era through the Conservative revolution of the 1970s and 1980s- to answer these questions, and to try to understand the contested definition of civil rights in modern America. We will begin with the emancipation of four million African-Americans during the 1860s; we will continue through the first wave feminist movement of the late nineteenth and early twentieth century, and the labor movement from the Gilded Age through the New Deal; and we will conclude with the Black, women's, and gay rights movements of the 1960s and 1970s, and their relationship to the rise of the New Right during the 1970s and 1980s. Special attention will be paid to primary documents written by civil rights leaders and their followers, as well as analysis of secondary material on how civil rights has evolved over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement, Humanities & History, BSBA SOCIAL CHANGE

• HST-233 The Creation of Russia

Credits:

4.00

Description:

Russia--the world's largest country, leading energy exporter, a major nuclear and space power, and a permanent member of the UN Security Council, also exhibits many third-world drifts. We'll address Russia's contradictions and paradoxes. How did the Byzantine, Nomadic, and West European cultural layers help form the Russian civilization? How Russian were some of the famous Russian - the poet Pushkin, Catherine the Great, Stalin? What impact did the Mongols have in their 200-year rule? How did Russia compete and expand against more advanced and wealthier foes? Why was Ivan the Terrible actually terrified? How did Peter the Great's reforms 'Westernize' Russia, accelerate its development, but lead Russian intellectuals to challenge Czar's authority and ultimately bring about the 1917 Revolutions? Did Russia have a democratic tradition in the earliest times, or is it a 20th century Western import?

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- **HST-234 History of Sports in Boston and the World**

Credits:

4.00

Description:

This course will explore the modern Winter Olympics and the development of athletic events such as the Boston Marathon; as well as the history of basketball (invented in Massachusetts) and baseball and their importance to Boston's history. We will examine some of the iconic sports figures of Boston, and the statues and monuments made to them.

Type:

Humanities & History

- **HST-235 History of Sport and the Olympic Games**

Credits:

4.00

Description:

We will explore the History of Boston and around the world through sports with special focus on American football, association football(soccer) and the World Cup; the development of the NCAA, Title IX and college athletics; the Olympic Games--ancient, revival and modern. Students will also analyze how athletics and athletic events have been commemorated by statues and memorials in and around Boston.

- **HST-237 Medieval Iran under the Nomadic Dynasties**

Credits:

4.00

Description:

This course studies revolutionary changes through three crucial centuries of Iran's history (12th-15th). Between the 12th and 15th centuries, Iran withstood two destructive invasions by nomadic leaders, including Genghis Khan and Tamerlane, who formed the nomadic Ilkhanids and Timurid dynasties. We will examine the social and economic changes Iran experienced, and the rise of Shi'ism and mysticism, which all resulted in the emergence of the Safavid dynasty. This course gives a multilateral perspective--political, cultural social, and economic--to conceptualize the different aspects of this important period.

Type:

Asian Studies

- **HST-238 Reemergence of Iran and Its Medieval & Early Modern History**

Credits:

4.00

Description:

Over two centuries (1501-1722) the Safavid dynasty reigned over a unified Iran. The Safavids raised Iran's culture and civilization to a high level which had never been in its Islamic period. But the Safavids also traumatized the unity of the Islamic world, preventing the Ottomans from prosecuting of their military victories over the western world. We will examine many different aspects of political, social, economic, and cultural history of Iran in this period.

- **HST-244 History of the Iranian Islamic Revolution**

Credits:

4.00

Description:

The course reviews modern Iranian politics with a special attention on the history of the Islamic Revolution of 1979. It evaluates the factors which caused the revolution and its impacts on Iranian society, the Middle East, and the world. Among the important topics of discussion will be the role of the United States in Iranian politics (1953-1979); the policies of Mohammad Reza Shah Pahlavi (1941-1979); the hostage crisis (1979-1981); the Iran-Iraq War (1980-1988); the Reform Movement (1997-2005); and the re-emergence of radical policies under Ahmadinejad since 2005.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

• HST-246 History of Modern Iran

Credits:

4.00

Description:

The course will examine the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present time with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

Type:

Humanities & History

• HST-247 History of Modern Middle East

Credits:

4.00

Description:

This course seeks to provide students with an understanding of the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. The course begins with the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries. It deals with forces which attempt to meet the European challenge; the age of colonialism; the rise of nationalism; socialism, capitalism, the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements, U.S. policy, and Saddam Hussein's Iraq.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,BSBA SOCIAL CHANGE

- **HST-248 Peaceful Coexistence: Muslims, Christians, and Jews in Medieval Iberia**

Credits:

4.00

Description:

This course provides a historical survey (711-1492) of Muslim and Christian occupied territories on the Iberian Peninsula (modern-day Spain and Portugal), focusing on principal events and broad trends. Special emphasis will be placed on tolerance as manifested in the toleration of religious minorities, cultural and scientific interaction, translation and peaceful coexistence (convivencia); and on intolerance as manifested through warfare (jihad, crusade), frontier mentality, massacres, forced conversions, the setting up of the Inquisition and the final expulsion of the Jews in 1492 and of the descendants of the converted Muslims or moriscos in 1609 and 1814.

- **HST-255 Films and Contemporary China**

Credits:

4.00

Description:

This class uses a series of films to demonstrate the changes in people's lives in contemporary China. It focuses on the Reform Era between 1980 and present. The topics include Chinese politics, economic growth, social change, and popular cultures. Cultural Diversity B.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-261 African History to 1800**

Credits:

4.00

Description:

This course will explore the history of Africa from prehistoric times to the nineteenth century to give students an introduction to African Studies and a sense of Africa's place in world history. Topics include: the Nile Valley civilizations, West African empires, the trans-Saharan trade, the slave trade, the spread and impact of Islam. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-262 Modern African History Since 1800**

Credits:

4.00

Description:

This course will cover the history of Africa from 1800 to the present and enable students to develop an understanding of issues that affect the relationship between modern Africa and the world. Topics include: the African tradition; the impact of Islam and Christianity, abolition of the slave trade, European imperialism and colonialism, African independence movements, African nationalism, Pan Africanism. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• HST-263 Comparative Race Relations

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE, D

• HST-265 Comparative Slavery

Credits:

4.00

Description:

This lecture-discussion course compares the institution of slavery over time and across space. Beginning with its emergence and articulation in the Ancient World, the institution of slavery was evident on all of the continents and played a dynamic role in defining humanity and in forming social, economic, cultural, and political formations up to the Modern Era. The course examines the institution of slavery in its many manifestations from nomadic societies to sedentary ones, from kinship-based states to territorial-based ones, from tribal societies to advanced civilizations, from pre-capitalist economies to capitalist ones. It seeks to understand several overlapping and related questions. How did the institution define property? How were slaves recruited, treated, and manumitted? What was the relationship between slavery, citizenship, and the state? What was the relationship between slavery and religion? How did the institution regulate gender relations? What was the role of slavery in the construction of race and notions of genetic inequality?

Type:

Humanities & History

- HST-266 Crime and Punishment in Early Modern Europe: 1500-1800

Credits:

4.00

Description:

This course explores crime, law and punishment in Europe (and Russia) in the early modern era (1500-1800). We will consider such questions as: What was the nature of crime in early modern Europe? What were the purposes and roles of law (criminal, civil, and others) in Europe? What forms did punishments take and why? What can law, crime, and punishment tell us about early modern European society? What connections can we make to similar issues in the modern world?

- HST-267 Russia in the 20th Century

Credits:

4.00

Description:

This course is a survey of the history of Russia and the Soviet Union from 1900 to the present. We will examine the end of tsarist rule, the October Revolution and the Civil War, Lenin's rule, Stalin and the Stalinist system, the Great Patriotic War, Khrushchev's de-Stalinization, Brezhnev's economic stagnation, and Gorbachev's perestroika and glasnost. The final section of the course examines the collapse of the Soviet Union, the rise of Yeltsin, and the Putin-Medvedev era.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- HST-268 History of the Mediterranean

Credits:

4.00

Description:

The history of the Mediterranean from the ancient times to the 20th century, to understand the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-269 Early Modern France**

Credits:

4.00

Description:

This course will look at early modern France (1400-1789), emphasizing the development of religious, political, and legal institutions. Topics that we will cover include the emergence of France as an absolute monarchy; the Protestant and Catholic Reformations in France; the religious wars of the sixteenth century; France's role overseas; war and diplomacy with other European countries; the Enlightenment; the French Revolution; and the rise of Napoleon. Students will be expected to write a research paper, write a short paper on a primary source, participate in class discussions, and take two in-class exams. The class is primarily a lecture class, although we will have periodic discussions on the readings.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-270 Revolution! the Contours of Modern Europe, 1610-1815**

Credits:

4.00

Description:

This course will explore Europe's political, social, and intellectual transformation, from the decline of Bourbon France's L'Ancien Regime, through the rise of the Enlightenment, to the upheavals of the French Revolution and Napoleon's empire. How did these revolutions happen and how did these transformations influence change throughout the rest of the world?

- **HST-271 African-American History 1619-1860**

Credits:

4.00

Description:

This course will examine the history of Africans in the United States from their arrival in the colonies to the Civil War and the end of legal slavery. Topics include: the slave trade, the development of the slave system, African-Americans and the Declaration of Independence, and the abolition movement. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-272 African-American History From 1860**

Credits:

4.00

Description:

This course will examine African American history from the end of slavery to the present. Topics include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Exodusters, the Harlem Renaissance, Pan Africanism, the Civil Rights Movement, the Black Power Movement, African-Americans at the turn of the twenty-first century. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-274 Women in 19th Century Europe**

Credits:

4.00

Description:

An exploration of the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-275 Women in 20th Century Europe**

Credits:

4.00

Description:

An examination of the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II;

feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-276 History of Modern Latin America**

Credits:

4.00

Description:

The development of Latin American states: society, economy and culture, from colonial origins to the present. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-283 The U.S. and Central America 1979-1993**

Credits:

4.00

Description:

This class studies this international relationship in the context of the global anti-colonial revolutions, the collapse of communism, and the influence of Catholic liberation theology. The course highlights the Nicaraguan revolution, the Salvadoran civil war, the Guatemalan military campaign against Mayan villages, the U.S. invasion of Panama, and the relative stability but great differences among Honduras, Belize and Costa Rica.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-285 Colonial History of Latin America**

Credits:

4.00

Description:

An introduction to Latin America's colonial history through the Revolutionary Wars for Independence. The course examines topics that are relevant to issues and challenges facing Latin American and Caribbean peoples today, including poverty, corruption, human rights, the power of religion, race and identity, the environment, international trade, political representation, foreign intervention, cultural survival, and the exploitation of land, labor and resources.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-290 19th Century America**

Credits:

4.00

Description:

This course explores the history of the United States from 1810 to 1910. Students will study the growth of American institutions, the rise and effects of a market society, westward expansion and Indian affairs, the enlivening of U.S. civic ideals, debates over free labor and slavery, the causes and effects of the Civil War, post-Civil War redefinitions of citizenship, immigration, Progressivism, and the nation's entry on to the world stage.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-292 American Foreign Relations Since 1898**

Credits:

4.00

Description:

The history of modern U.S. foreign relations. Key topics include the emergence of the U.S. as a world power, America's involvement in the two world wars, the Cold War, Vietnam, and globalization. U.S. relations with Latin America, Asia, the Middle East, Europe, and Africa are explored.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-299 Busing in Boston: the Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using the material on Boston's school desegregation in the Moakley archives. This will be augmented by discussions with local figures who were also involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to BLKST 299.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-304 Imperial Rome

Credits:

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Note: This course is identical to HUM 304.

Term:

Occasional

Type:

Humanities & History

• HST-306 Arab-Israeli Conflict

Credits:

4.00

Description:

An analysis of the origins and the local, regional, and international dimensions of the Palestinian-Israeli-Arab conflict, this course will examine the conflict through the eyes of the major protagonists and the roles played by them from the early twentieth century to the present: Zionists/Israelis, Palestinians and other Arabs, British, Americans, Soviets. We will also explore the questions of why this conflict has captured the world's attention and why it has gone unresolved since World War II. Finally, we will examine the possibilities and attempts for resolution of what appears to be an intractable human tragedy.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-307 U.S. Race Relations 1877-1945**

Credits:

4.00

Description:

This course focuses on the African-American freedom struggle. It describes the consolidation of segregation and disfranchisement laws, the rise of Booker T. Washington, the NAACP's fight for civil rights, black nationalism, African American participation in both world wars, the Harlem Renaissance, and Depression Era struggles. We will also consider the history of non-white groups including Hispanics, Asian-Americans, and Native Americans.

Type:

Humanities & History, Cultural Diversity Opt A, BSBA SOCIAL CHANGE

- **HST-312 Renaissance and Reformation Europe**

Credits:

4.00

Description:

Intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the city-state; art, and science; changes in family and social life; the causes of the Reformation (intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-318 History of Sports in America**

Credits:

4.00

Description:

This class will look at the history of sports in America from the era of American independence to the present. This course will examine the various roles which sports has played in American society including entertainment, cultural, social, political, and business.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-319 The History of Black Music in America**

Credits:

4.00

Description:

Black music has been one of the primary cultural factors in the United States. From the African roots to hip hop in the 21st century Black music has served as an expression of African American consciousness, providing commentary on many aspects of black life. This art form provides commentary on many aspects of black life including social and political. It has also been a major force in shaping the culture of the United States as a whole. As such it provides an excellent window for exploring the history of Black America as well as the history of all America. With the use of texts, videos, and recordings this class will examine the music of Black America in the context and communities in which it was created and performed, and also in relationship to the wider world. Cultural Diversity A

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **HST-321 History of Islam**

Credits:

4.00

Description:

This course presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined. Cultural Diversity B

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt B

- **HST-322 French Revolution and Napoleon**

Credits:

4.00

Description:

The background and outbreak of revolution; the French Republic; the Reign of Terror; the European impact of the Revolution; the career of Bonaparte; Napoleonic warfare, the rise, fall and significance of the Empire.

Term:

Occasional

Type:

- **HST-326 The Russian Revolution**

Credits:

4.00

Description:

The long Russian Revolution (1900-1930) is one of the most important events of the 20th century. It brought 19th-century Russia in conflict with the political and socio-economic forces of the 20th century. We will examine the long-term trends and challenges and address the what ifs of history - that helped unleash the crises of 1917-1919. What were the reasons for and extent of Rasputin's influence at the imperial court? Was the Revolution brought about by the West? Then how and why did Russia become less westernized due to the revolution? Was the new Bolshevik regime confronted by the same challenges that crippled the Czarist regime? Could and should the revolution have been avoided? Was it a necessary step and stage towards progress and modernization? What similarities did the new USSR begin to have with the capitalist democracies of the West? How did the revolution affect the status and role of workers, women, and peasants in USSR? How were Lenin, Trotsky, and Stalin different as leaders and individuals? When did the revolution end? (Formerly HST 433)

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement

- **HST-327 World History: Selected Topics**

Credits:

4.00

Description:

Emphasizes the continuities and changes that take place within civilizations; the similarities, differences, and relationships that exist among contemporary civilizations around the world. Special attention given to the evolving conflict between traditionalism and modernity. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• HST-330 History & Culture of Senegal

Prerequisites:

Requires instructor's consent to register

Credits:

4.00

Description:

This class will introduce students to the richness of Senegalese culture and history, from the eleventh century to the modern era. Along with history, students will examine Senegal's culture and customs through lectures, readings, music and film. In some years there will be a travel component connected with the class. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• HST-333 The United States: 1898-1945

Credits:

4.00

Description:

Topics include the Progressive Era, U.S. intervention in World War I and its domestic consequences, the cultural clashes of the 1920s, the Great Depression of the 1930s, the New Deal, and World War II. Note: formerly history 495.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-334 The United States: 1945-1970**

Credits:

4.00

Description:

American history in the decades immediately following World War II. Topics include the origins of the Cold War, McCarthyism, the emergence of a consumer society, the growth of the suburbs, the Civil Rights movement, the new women's movement, Vietnam, and the political upheavals of the 1960s.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-335 The United States Since 1970**

Credits:

4.00

Description:

American history in the period since Vietnam and Watergate. Topics include the end of the post-World War II economic boom, the late-20th century culture wars, the rise of the New Right and decline of the New Deal domestic order, the end of the Cold War, growing involvement in the Middle East, the emergence of new technologies, globalization, and the impact and aftermath of September 11.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-336 Fifth-Century Athens

Credits:

4.00

Description:

This course offers an introduction to the high classical period of Greek thought. Close readings of selections from major historians, poets, dramatists, and philosophers will be examined in the context of Periclean Athens. Topics such as the relationship between democracy and empire, written law (nomos) and natural inclination (physis), and the influence of the Sophists and the Pre-Socratics will be discussed from the perspectives of writers such as Thucydides, Aeschylus, Pindar, and Plato. This course is identical to HUM 336.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-338 Ancient Greece & Ancient Israel

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, Homer's Troy, the pre-Socratic philosophers and early conceptions of the universe; the complexities of desire and identity in the song of Songs and Sappho's lyric poetry; God's covenant with Israel as depicted in Exodus, Samuel, and the Psalms; self-knowledge and justice in Greek tragedy. Note: This course is identical to ENG 411 and HUM 338.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-342 Modern Japanese History

Credits:

4.00

Description:

The class examines Japanese history from the beginning of the seventeenth century to the end of the twentieth century. The topics include early modern Japan during the Tokugawa era, Meiji Restoration, Japanese imperialism and World War II, Japan's emergence as the second largest economy in the world. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

• HST-344 Passages to the Modern World

Credits:

4.00

Description:

The class discusses the early-modern history of East Asia, specifically China and Japan, in a global context. It examines the difference between East Asia and the West in their transitions to modern society, whether or not there was a great divergence," and if there was one, what was the underpinning dynamic in the process. This comparative approach usually requires the class to read one book (in English) on Chinese or Japanese history and another one on European or global history.

Type:

- **HST-345 Chinese Civilization**

Credits:

4.00

Description:

A survey of pre-modern Chinese history from antiquity to the sixteenth century. Topics include: Confucianism; the making of an imperial bureaucratic system; conflicts and interactions among different ethnic groups; the Mongolian Empire; early modern Chinese society. (Formerly HST 131) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Asian Studies,Humanities Literature Requirement

- **HST-346 Modern Chinese History**

Credits:

4.00

Description:

A survey of modern Chinese history from the sixteenth century to the present. The class focuses on two major themes. First, we will study the conflict between the modern state and traditional society. We will discuss China's turbulent transition from an old empire to the Communist regime, the dynamics behind this transition, and the price that ordinary Chinese people have paid. Second, we will study China's interactions with the outside world from the first Opium War to China's entrance to the World Trade Organization. (Formerly HST 132) Cultural Diversity B

Term:

Occasional

Type:

- **HST-347 Japanese Civilization**

Credits:

4.00

Description:

An overview of Japanese history from ancient times to the nineteenth century. Topics include imperial Japan, the emergence of the samurai, and Tokugawa society.

Term:

Occasional

Type:

Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-348 Samurai: History, Literature & Film**

Credits:

4.00

Description:

This course explores the history of samurai and its cultural meaning for Japanese society. It examines not only how the samurai class developed into a major political force, but also how it has been represented by literatures and films in different eras. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, Asian Studies

- **HST-356 World War II: the Global War**

Credits:

4.00

Description:

This course examines the Second World War from political, military and socio-cultural perspectives. It connects experiences of combatants and civilians with issues of total war, and shows how global conflict fundamentally altered both the world's geopolitical contours and the consciousness of those who waged and endured it.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-357 History of Spain I**

Credits:

4.00

Description:

This is a general survey course, covering the most transcendental social, cultural, economic and political developments in the history of Spain, from the Neolithic to the Early Modern Period. The broad history of the nation and its peoples will be examined, placing emphasis on three central themes: diversity within the Iberian Peninsula, the region's social and geo-political structures, and the transformation of the Old Order of the ancient kingdoms into a modern, nation-state. The course material will be covered in a series of thematic blocks: the Pre-historical period, Roman Hispania, the Medieval Kingdoms, Islamic Civilization, the Christian Reconquest, the Catholic Monarchy, Imperial Spain under the Habsburgs, and the Crisis of the Spanish Empire in the 17th century.

Type:

Humanities & History, Humanities Literature Requirement

- **HST-358 History of Spain II**

Credits:

4.00

Description:

This course will examine and explore the political, economic, and social history of Spain from 1700 to the present. Topics include: the War of Spanish Succession; the Bourbon state; the Enlightenment in Spain; the impact of the French Revolution; Spain in the Napoleonic Wars; the rise of liberalism, socialism, and anarchism; the crisis of 1898; the problems of modernization; the Spanish Civil War and the Franco regime; the transition from dictatorship to democracy; Spain's international position today.

Type:

Humanities & History, Humanities Literature Requirement

- **HST-H359 The Age of Franklin**

Prerequisites:

Permission of the Instructor required.

Credits:

4.00

Description:

Benjamin Franklin (1706-1790) rose from relative poverty and obscurity to become one of the most powerful and successful men of his century. This course will examine the political, scientific, and literary, and diplomatic cultures of the eighteenth century by focusing on Franklin's life, reading Franklin's Autobiography, and selections from his political, scientific, and satirical writings. This is an Honors-level course.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-360 Native America: From Pre-History to the Trail of Tears**

Credits:

4.00

Description:

This course will examine the native people of North America before and after the European conquest. Topics will include Native Americans' relations with one another; their reactions to the Europeans; European and Native American perceptions of one another; white Indians and noble savages; resistance and assimilation; the United States and Indian removal. Cultural Diversity A Cultural, Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,Humanities & History

• HST-362 History of Piracy

Credits:

4.00

Description:

Why did men (and some women) turn pirate? Why is there a continuing fascination with pirates? This course will explore the reality and fiction of pirates and piracy, focusing on the Golden Age of Piracy from 1690 to 1730, with particular attention to the pirates of New England. We will examine primary sources, historical accounts, and fictional presentations - both books and films - to better understand piracy, why it happened, and why it continues to fascinate us.

Term:

Offered Spring Term

Type:

Humanities & History,Humanities Literature Requirement

• HST-365 Presenting History: Media & Methods of Public History

Credits:

4.00

Description:

Considers the history, theory, and techniques of public history presentation. Learn what visitors want for themselves and their families when they choose to spend their time at a historic site, historic house or history museum. Modes of presentation covered include film documentary, Web site exhibition, popular historical writing, and reenactment. Students produce a project using survey data and information learned throughout the course about preserving history through media and method to demonstrate what the future of historic preservation might resemble. Note: There will be travel involved to visit various historic sites. Please allow time before and after scheduled class time.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Expanded Classroom Requirement

- **HST-368 Boston's Historic Houses**

Credits:

4.00

Description:

Working with historic houses in Boston, students will learn that art of interpreting history. Using collections, archives, and other repositories, students will research the houses and the people who lived in them. Many of these houses have existed from colonial times and had various uses. Formerly: HST 368 Introduction to Historical Interpretation.

Term:

Occasional

Type:

Humanities & History, Expanded Classroom Requirement, Humanities Literature Requirement

- **HST-369 American Objects: Materials, Meaning and History**

Credits:

4.00

Description:

This course will explore American history through objects - from spinning wheels and silver cups to electric typewriters and cocktail glasses. What was an object's purpose? How was it made and who made it? How do we interpret the material culture of life? Topics covered will include the decorative arts, vernacular architecture, archaeology, industrial design, ethnicity and gender, visual culture, and landscapes. Lectures and discussions will be complemented with visits to museums, historic houses, and other sites. Students will learn how to research and write, placing objects or spaces in their historical context.

Type:

Humanities & History

- **HST-370 Workers in America**

Credits:

4.00

Description:

How have ordinary American working people shaped and been shaped by the experience of work in a capitalist economic order? This course surveys the world of work and workers, free and unfree, from 1800 to the present. Topics include changing conceptions of work, formation of workers' consciousness and communities, working-class cultures, movements for labor reform, and the impact of race, ethnicity, and gender on labor markets, workplace dynamics, and working-class families and communities. The course also explores workers' experiences of industrialization and technological innovation, immigration and migration, consumerism and globalization. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

This course traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women. Cultural Diversity A

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A,Humanities & History,Humanities Literature Requirement

• HST-372 U.S. Women's History: 1865-present

Credits:

4.00

Description:

This course examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture. Course materials include novels and films. Cultural Diversity A

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Humanities & History,Humanities Literature Requirement,BSBA SOCIAL CHANGE

• HST-373 History of Human Rights

Credits:

4.00

Description:

This course will examine the history of human rights from the Enlightenment to the present. We will look at the historical origins of human rights and delve into subjects such as slavery, imperialism, women's rights, and genocide. We will also be asking how the overall concept has evolved - or stagnated - over time.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-377 Caribbean and Latin-American Diaspora

Credits:

4.00

Description:

A look at the migration of people, along with their culture, to and from the Caribbean and Latin America. The first half of the course looks at how European, Asian and African diasporas settled in the region, assimilated and contributed to the ethnic and cultural base of Caribbean and Latin America countries in the colonial period. The second half offers insight into how and why people from the Caribbean and Latin America would later form diasporas of their own in countries like the United States in the twentieth century. Students taking this course will get a sense of the struggles, accomplishments and culture of Caribbean and Latin American peoples in the United States. Formerly HST 286.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-380 History of Plymouth

Credits:

4.00

Description:

Plymouth beyond the Mayflower Pilgrims, Thanksgiving and Plymouth Rock; this course will examine the history of Plymouth Colony from its origins in Reformation England to its absorption into Massachusetts in 1692. Particular attention will be paid to Native Wampanoag culture before, during and after King Philip's War. Students will read primary and secondary sources; investigate Plymouth Colony's material culture through architecture, food, and artifacts; field trips to sites in the Old Colony area will be arranged; and the lasting cultural significance of the Pilgrims and Plymouth will be examined.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **HST-381 American Colonial History**

Credits:

4.00

Description:

This course emphasizes the founding and settlement of English colonies in America; their social, economic, and political development; the Great Awakening; the British-French struggle for control of the North American continent; the background and causes of the American Revolution.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-382 The American Revolution**

Credits:

4.00

Description:

This course provides an analysis of the background, progress and results of the American Revolution. Emphasis is placed upon military aspects of the War for Independence, and on post-war efforts to establish a permanent workable American government culminating in the Federal Constitution.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-383 Boston: Heritage of a City

Prerequisites:

One History course

Credits:

4.00

Description:

The development and influence of Boston from its foundation in 1630: the Massachusetts Bay Colony, cradle of the American Revolution; Boston as a Yankee merchant capital, Brahmin cultural center, immigrant melting pot, and modern metropolis. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend. ECR

Term:

Offered Fall Term

Type:

Humanities & History, Expanded Classroom Requirement, Humanities Literature Requirement

- **HST-384 History of Boston and Suffolk University**

Credits:

4.00

Description:

Numerous walking tours will highlight an overview of Boston's history (its foundation in 1630 as part of the Massachusetts Bay Colony; as cradle of the American Revolution; as a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot; and as a modern metropolis) leading to a consideration of the history of Suffolk University and its relations, as product and contributor to Boston history and culture, as well as to its immediate urban neighborhood.

- **HST-389 American Constitutional History I**

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

The development of American constitutional government. Topics will include the drafting and ratifying of the state and federal constitutions in the 1770s and 1780s; the problems of individual liberty versus government power; state rights; race and slavery; war powers; pluralism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-390 American Constitutional History II**

Credits:

4.00

Description:

This course will explore changes in the American constitutional system since the Civil War. Topics will include due process and national citizenship; the growth and expansion of federal power; the evolution of segregation; the New Deal; the return of civil rights; the expansion of individual rights; the role of courts and states in the federal system.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-392 American Civil War and Reconstruction**

Credits:

4.00

Description:

Topics include the antebellum reform and expansion movements, especially as they affected slavery, and the deepening sectional crisis of the 1850s. An in-depth analysis of the violent war which followed, and Southern Reconstruction to 1877.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-395 US History: Race and Ethnicity**

Prerequisites:

Permission of Instructor Required

Credits:

4.00

Description:

An overview of American history from the perspective of its racial and ethnic minorities. Topics include: Native American efforts to retain cultural independence and to shape relations with the majority; Asian Americans and the model minority myth; African Americans and the Constitution; recent refugees and current immigration legislation. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-396 The African Diaspora

Credits:

4.00

Description:

An examination of the dispersion of Africans to the Americas during the era of the slave trade and the establishment of New World communities of Africans and people of mixed descent. Topics include: the Slave Trade, comparative Slave Systems, Religion, Resistance and Revolutionary Movements, Return and Redemption Movements, Pan Africanism, Race and Class. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Cultural Diversity Opt A

• HST-407 German History 1517 - 1871

Credits:

4.00

Description:

This course explores the social, political and cultural development of the German-speaking population of central Europe from the beginning of the Reformation to the proclamation of the Second Reich, with major attention to the Wars of Religion, the emergence of Prussia and its competition with Austria, and the development of German nationalism.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-411 Europe, 1815 - 1914

Credits:

4.00

Description:

The political, economic, social and cultural development of the principal European states from 1815-1914. Topics include: restoration and resistance after the Congress of Vienna; the evolution of the rising European middle class; the revolutions of 1848; the effects of industrialization and urbanization; nationalism and imperialism; socialism, feminism, and conservative reaction; Modernist culture and the rise of the Avant-garde; the political and diplomatic antecedents to World War I.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-412 Europe in the 20th Century

Credits:

4.00

Description:

The political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-414 Nazi Germany**

Credits:

4.00

Description:

German and European preconditions; the Versailles Treaty and the failure of the Weimar Republic; Hitler's ideas, collaborators and institutions; Nazi foreign and domestic policy; World War II and the concentration camps.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-415 Ireland: Celts to Present**

Credits:

4.00

Description:

Irish origins and medieval background; Anglo-Irish history from the Tudor invasion of Ireland in 1534 to the present will be explored with emphasis on the interrelationship between developments in the two nations.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-417 Czech Cultural History**

Credits:

4.00

Description:

This is a seminar in Czech cultural history, especially as illuminated and viewed through Czech literature and philosophy of the nineteenth and twentieth centuries. Offered yearly in Prague as part of the Suffolk Semester in Prague Program.

Term:

Summer

Type:

Humanities & History, Humanities Literature Requirement

- **HST-418 Central-European History**

Credits:

4.00

Description:

An examination of the situation and contributions of the principal Central European ethnicities (the Germans, Austrians, Czechs, Slovaks, Poles, Hungarians, and Ashkenazi Jews) and their political and cultural formations from early medieval times until the present. Included will be the Great Moravian Empire, the Holy Roman Empire, the Czech, Polish, and Hungarian kingdoms, the Austro-Hungarian and German Empires, the Middle European successor states after World War I, the Third Reich, the Soviet Empire, the fall of Communism of 1989, the subsequent transitions of the principal Central European states, and their relations with the European Union.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-426 Politics and Culture in Europe 1919-1939

Credits:

4.00

Description:

This course examines the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-427 Religion and Society in Europe: 1200-1600

Credits:

4.00

Description:

This course will look at religion in European society from 1400-1650. We will examine organized religion and the personal devotional experiences of ordinary women and men. We will consider such topics as Catholic liturgy; the protestant and Catholic Reformations; the Wars of religion; and heresy and the Inquisition.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-434 The New Europe Since 1945**

Credits:

4.00

Description:

The course will focus on the Soviet Union, Germany and their neighbor states, beginning with an exploration of the contradictory genesis of Glasnost and Perestroika in economic stagnation and in the liberation tradition of socialism. It examines the impact of these movements and their related dislocations on the Europe of the late 1980s and 1990s, as well as their implications for the new Europe of the twenty-first century.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-441 Social Movements in the Caribbean**

Credits:

4.00

Description:

A case-study approach to studying the various means by which people in the Caribbean sought to overcome the legacies of colonial exploitation of their land, labor and resources. The course also offers lessons from the case-studies for approaching/achieving positive social change. Students will learn about the people's struggles to improve their social lives, reduce poverty, access land, expand human rights, reduce illiteracy, and gain accountability from their governments through violent and non-violent means.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-452 Ancient China Seminar**

Credits:

4.00

Description:

Topics in this seminar on ancient China will include the emergence of early Chinese states, feudalism during Chinese antiquity, the emergence of Confucianism and other competing political ideologies, and the consolidation of the imperial power.

Term:

Occasional

Type:

Humanities & History, Asian Studies

- **HST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the Reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the Reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to BLKST 469.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-471 Self, Body, & Sexuality- U.S. History**

Credits:

4.00

Description:

This course examines American debates over the natures, capacities, and responsibilities of men and women from settlement of the New World through the present. Emphasis is given to three elements of the self: social and civic personhood, the body, and sexuality. We will focus on representations of womanhood and masculinity - across racial, ethnic, and class lines - and their effects on men and women in society, politics, and at law. Course readings will also examine concepts of human nature and the interplay among mind, body, and sexuality.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-481 Boston History, Literature & Film**

Credits:

4.00

Description:

An interdisciplinary examination of the history of Boston. Special focus will be on Boston in fiction, poetry, and film, as well as on the analysis of historical documents and accounts. This course is recommended for History and Literature Honors majors. Jointly taught by professors from the History and English Departments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-483 Death, Disease, Healing-US HST**

Credits:

4.00

Description:

This course investigates how Americans have understood and responded to health, illness, and death from the eighteenth century to the present. The course will examine interactions among patients, healers (orthodox and heterodox), the medical and scientific professions, business, and government. We will explore the effects of scientific and technological advancements, industrialization, urbanization, immigration, war, and social movements on the nation's moral and political economies of health, and on evolving ideas about bodily integrity and autonomy, linked to historical relations of gender, race, class, and sexuality. Cultural Diversity A

Type:

Cultural Diversity Opt A, Humanities & History

- **HST-H483 Death, Disease, Healing- U.S. History**

Prerequisites:

Permission of the instructor required.

Credits:

4.00

Description:

This course investigates how Americans have understood and responded to health, illness, and death from the eighteenth century to the present. The course will examine interactions among patients, healers (orthodox and heterodox), the medical and scientific professions, business, and government. We will explore the effects of scientific and technological advancements, industrialization, urbanization, immigration, war, and social movements on the nation's moral and political economies of health, and on evolving ideas about bodily integrity and autonomy, linked to historical relations of gender, race, class, and sexuality. Cultural Diversity A. This is an honors-level course.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

• HST-484 History of the Emotions

Credits:

4.00

Description:

Do we all feel the same emotions across cultures and throughout history, or do we learn to feel according to the rules of our own time and place, or does the truth about human emotion lie somewhere in between? This course will first explore ideas about emotional life from the fields of history, anthropology, sociology, and psychology. We will then turn to our own examination of the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other. How have ideas about these subjects changed over time - and do our feelings change with them?

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **HST-494 Politics and Protest**

Credits:

4.00

Description:

This course will examine the impact of organized reform movements on American History from 1800s to the 1960s. Themes include utopianism, assaults on injustice, and attempts to control the behavior of the undesirable groups. Topics include anti-slavery agitation and religious revivalism before the Civil War, problems of industrialism and the working class, progressive political and social reform, temperance and prohibition, women's suffrage and women's rights, civil rights and the counter culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-508 Study Trip to El Salvador**

Credits:

4.00

Description:

This course will examine the history of El Salvador through readings, discussion, film, and most importantly, a fortnight in the Central American nation. Our goal is to explore how events ranging from the Spanish conquest of the sixteenth-century, the nineteenth century indigenous uprisings against land concentration, and the bloody and divisive civil war of the 1980s shaped today's El Salvadorans. ECR

Type:

Expanded Classroom Requirement, Humanities & History, Cultural Diversity Opt B, Humanities Literature R

- **HST-510 Independent Study**

Prerequisites:

An Independent Study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

By special arrangement, members of the History department will schedule seminars or individual discussion sessions with students interested in directed reading and research. Open to Juniors and Seniors with the permission of the instructor.

Term:

Offered Both Fall and Spring

- **HST-522 History Internship**

Prerequisites:

Permission of instructor required.

Credits:

4.00

Description:

History Internships require approximately 12 hours of work per week in a history-related position, for instance, at a museum, historical society, or archive, and are designed to introduce the student to the professional opportunities and responsibilities in the field of public history or historic preservation. Interested students should consult the instructor in advance. Prerequisite: Permission of instructor is required.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement, Expanded Classroom Requirement

- **HST-H555 Senior Honors Thesis**

Credits:

4.00

Description:

An individual program of reading, research, and writing on an approved topic, under the supervision of a History faculty member. The completed thesis will be at least 20-25 pages reflecting original research. The qualifying student must have a 3.5 overall grade point average, and a 3.7 grade point average in History classes, must be recommended by two History faculty members, and must submit a writing sample of at least 5 pages to the Department chair by the end of their junior year. Must be taken in the Fall of the Senior year.

Type:

Humanities & History, Humanities Literature Requirement

2014-2015 Archived Catalog Information

Humanities

The Humanities major and minor are offered through the department of World Languages and Cultural Studies. The major requires 10 courses (38-40 credits) of coursework. The minor requires 6 courses (24 hours) of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

Major Requirements: 10 courses, 38-40 credits

Foundation Requirement (4 courses, 16 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia) , One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Advanced Courses (6 courses, 24 credits)

2 [Art History courses](#) at the 300-level or higher

2 [Music History courses](#)

2 courses in Literature and/or Philosophy selected from the following:

- Any [English course](#) numbered 217 or higher
- Any [Philosophy course](#) except 119, 123, and 127
- Any [German Studies course](#) numbered 216 or higher, except 303 and 304
- Any [French and French Studies course](#) numbered 205 or higher, except 305, 306, 421, and 422
- Any [Spanish course](#) at the 300 or 400-level

Notes:

- A maximum of 4 courses taken at other institutions or as part of a study abroad program may apply toward the major.
- Any Seminar for Freshmen with a topic related to art/art history, music/music history, literature, or other areas of humanistic inquiry may count toward the major with the approval of major advisor.

2014-2015 Archived Catalog Information

Humanities

The Humanities major and minor are offered through the department of World Languages and Cultural Studies. The major requires 10 courses (38-40 credits) of coursework. The minor requires 6 courses (24 hours) of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

Minor Requirements: 6 courses, 24 credits

Minors require six courses (24 credits) of coursework and are available in Art History, Music History, and General Humanities. See the [Art History](#) and [Music History](#) pages of the catalog for specific requirements.

General Humanities Minor

Required Courses (4 courses, 16 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-123 Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-124 Great Books of World Lit II**

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia), One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Advanced Courses (2 courses, 8 credits)

2 [Art History](#) or [Music History](#) courses at the 200-level or higher

Notes:

- A maximum of 2 courses taken at other institutions or as part of a study abroad program may apply toward the minor.

2014-2015 Archived Catalog Information

Humanities

The Humanities major and minor are offered through the department of World Languages and Cultural Studies. The major requires 10 courses (38-40 credits) of coursework. The minor requires 6 courses (24 hours) of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

Students interested in honors should consult with the department chair during the spring semester of their junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 GPA in Humanities courses.

Honors candidates should register for HUM-502 in the fall semester of the senior year. Under the guidance of a faculty member, they will use this course to complete a research paper, which will be evaluated by all the professors in the student's field of study. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

- **HUM-502 Honors Thesis**

Prerequisites:

Permission of the Department Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

2014-2015 Archived Catalog Information

Humanities

The Humanities major and minor are offered through the department of World Languages and Cultural Studies. The major requires 10 courses (38-40 credits) of coursework. The minor requires 6 courses (24 hours) of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

- ARAB-101 Elementary Modern Standard Arabic

Credits:

4.00

Description:

Mastery of the Arabic alphabet and phonetics. Elementary formal grammar and the development of reading and writing skills. Conversation in the formal non-colloquial style. One language laboratory session per week. For students with no previous knowledge. .

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ARAB-102 Elementary Modern Arabic II**

Prerequisites:

ARAB 101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from Arabic 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ARAB-201 Intermediate Modern Standard Arabic I**

Prerequisites:

ARAB 102 or permission of instructor.

Credits:

4.00

Description:

This course will apply the communicative approach to further develop proficiency in reading, writing, and speaking in Modern Standard Arabic. The class will also stress comprehension listening drills. Material will include authentic Arabic texts, print media, audios, and videos. Activities include conversation practice and brief discussions of topics related to Arab society and culture.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ARAB-202 Intermediate Modern Standard Arabic II**

Prerequisites:

ARAB 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills development from ARAB 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ARAB-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

The subject of this course is the Arab Cultural History. The approach will be one which sees Arab culture as the system of shared ideas, attitudes, values, perceptions and meanings, explicit and implicit, which Arabs use to interpret the world and which serve to pattern their behavior. This approach of Arab cultural history encompasses a range of facets reaching from the most mundane aspects of their lives to the most transcendent of

thoughts and aspirations. It includes an understanding of their art, literature, and history of a society, but also less tangible aspects such as attitudes, prejudices, folklore and so forth. This endeavor seeks to embrace and comprehend the complexity of Arab culture and to recount its history - from its pre-Islamic genesis (roughly the 520s A. D.) until the present - through a broad and wide-ranging presentation of Arab literature.

Term:

Occasional

Type:

BA FOREIGN

• ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ARH-102 Art History II

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ARH-H102 Honors Art History II

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ARH-305 Art of Greece and Rome

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-306 Art of the Middle Ages**

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da

Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich , Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-310 Modernism in Art

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-311 American Art

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-312 Art of the Northern Renaissance

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- ARH-315 Modernism and Spanish Masters

Credits:

4.00

Description:

This course examines the Spanish contributions to Modern art with a specific concentration on the Spanish masters Goya, Picasso, Dali and Miro. Through these artists, the course will explore one of the most controversial periods of Spanish and European history, from the 19th through the dawn of the 20th century. The course is offered only at Suffolk's Madrid campus. Students will take advantage of the rich cultural offerings of the city by making frequent visits to the Prado, Thyssen and Reina Sofia museums. (Taught in Madrid)

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- ARH-H315 Honors Modernism and Spanish Masters

Credits:

4.00

Description:

This course examines the Spanish contributions to Modern art with a specific concentration on the Spanish masters Goya, Picasso, Dali and Miro. Through these artists, the course will explore one of the most controversial periods of Spanish and European history, from the 19th through the dawn of the 20th century. The course is offered only at Suffolk's Madrid campus. Students will take advantage of the rich cultural offerings of the city by making frequent visits to the Prado, Thyssen and Reina Sofia museums. (Taught in Madrid)

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- ARH-316 Contemporary Art

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

- **ARH-318 Art and Museums Today**

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

- **ARH-347 History of Photography**

Credits:

4.00

Description:

An introduction to the study of photographs. The history of the medium in Europe and America from its invention to the present. Lectures address photographic theory and methodology, and photographs are studied both as art objects and as historical artifacts. Topics include portraiture, documentary photography and photojournalism, Pictorialism and art photography, landscape photography, and issues of gender, race,identity, and the body.

Term:

Occasional

Type:

Humanities Literature Requirement,Humanities & History

- **ARH-401 Special Topic: Seminar in Art**

Prerequisites:

Permission of instructor needed

Credits:

4.00

Description:

Topic will vary from year to year.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, Humanities & History

- **ARH-406 Seminar in Art History: Bernini**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

Gian Lorenzo Bernini was arguably the most important and influential figure in the world of 17th-century art. A master of technique, Bernini transformed cold marble into statues that seem to live and breathe. The eroticism of his Ecstasy of Santa Teresa raised eyebrows when first unveiled and continues to move and astonish those who see it today. As an architect he set new standards that helped define Baroque style. This seminar, designed for art history majors and minors, explores Bernini's career within the context of the religious, political, and artistic upheavals of his time; it also helps students develop research skills and provides a foundation that will be valuable for anyone pursuing a career in the world of art and museums.

- **ARH-502 Honors Thesis**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Students meet with a departmental faculty member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ASL-101 Elementary American Sign Language I**

Credits:

4.00

Description:

Introductory course for nonnative signers. Emphasis on receptive skills, vocabulary, and grammar. Introduction to issues important to the Deaf community. One language laboratory session per week.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A,BA FOREIGN

- **ASL-102 Elementary American Sign Language II**

Prerequisites:

ASL 101

Credits:

4.00

Description:

Continuation of ASL 101. Patterns of lexical and grammatical structure reviewed and extended. Additional materials on the Deaf community and its culture. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,BA FOREIGN

- **CHIN-101 Elementary Chinese I**

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in simplified characters) are also taught.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **CHIN-102 Elementary Chinese II**

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continuation of Chinese 101 with emphasis on developing basic skills to read and write modern colloquial Chinese. The reading, writing and oral skills will be taught on the basis of fundamental grammatical patterns and vocabulary in context.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **CHIN-201 Intermediate Chinese I**

Prerequisites:

CHIN 102 or Instructor's consent.

Credits:

4.00

Description:

Emphasis on improving Chinese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Chinese.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **CHIN-202 Intermediate Chinese II**

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **CHIN-211 Survey of Chinese Literature and Culture I**

Credits:

3.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with a brief introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the present time. The diverse origins of China's civilization are stressed as topics in political, social, and economic history are explored, with a focus on developments in language,

literature, and art. This course is a good introduction to further study of Chinese history and culture and, in particular, provides a valuable context for themes treated in Modern China.

- **CHIN-306 Advanced Conversation and Composition II**

Prerequisites:

CHIN 305 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed from Chin 305.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- **CHIN-314 Traditional Chinese Society From 1800-1949**

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Term:

Occasional

Type:

Asian Studies

- CHIN-510 Independent Study

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

Asian Studies

- FR-101 Elementary French I

Credits:

4.00

Description:

Emphasis on developing reading, writing, speaking, and listening skills. Audio-visual and textual materials based on French cultural themes. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-102 Elementary French II**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 101. Offered every spring semester.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities Literature Requirement

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-305 Advanced Conversation and Composition And Grammar**

Prerequisites:

FR 202 or Instructor's consent.

Credits:

4.00

Description:

This course encourages the student to perfect conversational and writing skills in French. Authentic language and formal writing skills are detailed in this course. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne, or Suffolk-Dakar Programs.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

• FR-309 Survey of French Literature I

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

• FR-310 Survey of French Literature II

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

This course aims to introduce students to the French Enlightenment and its culture leading up to the French Revolution through a focus on one significant figure: Marie Antoinette. A core concern will be the relationship of female image and the body politic in eighteenth-century France. Other topics to be discussed include women and power, political scandal and public opinion, fashion and self-representation, motherhood and domesticity, and revolution and gender iconography. In conclusion we will consider the legacy of Marie Antoinette as martyr and fetish object in the nineteenth and twentieth centuries and focus on her continuing relevance today. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

• FR-316 Masterpieces of Theatre

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

BA FOREIGN

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-401 Special Topics in French and Francophone Studies**

Credits:

4.00

Description:

This seminar examines a range of topics in French and Francophone Studies. It provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

Type:

BA FOREIGN

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **FR-421 Sejour Linguistique en France**

Prerequisites:

FR 201-202 or permission of instructor

Credits:

4.00- 8.00

Description:

This course is an immersion program in Vichy, France through our partnership with CAVILAM. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Summer

Type:

Expanded Classroom Requirement,BA FOREIGN

• FR-422 Sejour Linguistique au CCFS-Sorbonne

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

This course is an immersion program in Paris, France through our partnership with CCFS-Sorbonne. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Offered Both Fall and Spring

Type:

- **FR-502 Honors Senior Thesis in French**

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member offered every fall semester. Prerequisites: Senior standing & permission of the department chair.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

- **FR-T212 Business French Tutorial**

Prerequisites:

FR-201 and FR-202 or instructor's permission

Credits:

1.00

Description:

INSTRUCTOR'S CONSENT Tutorial studies of the terminology, organization and practice of business in the French-speaking world.

Term:

Offered Both Fall and Spring

- **FRST-319 Marie Antoinette: What Not to Wear**

Credits:

4.00

Description:

This course aims to introduce students to the French Enlightenment and its culture leading up to the French Revolution through a focus on one significant figure: Marie Antoinette. A core concern will be the relationship of female image and the body politic in eighteenth-century France. Other topics to be discussed include women and power, political scandal and public opinion, fashion and self-representation, motherhood and domesticity, and revolution and gender iconography. In conclusion we will consider the legacy of Marie Antoinette as martyr and fetish object in the nineteenth and twentieth centuries and focus on her continuing relevance today. Normally offered alternate years. Cultural Diversity B. 4 credits.

- **FRST-320 French and Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. Class meetings will be held jointly with FR 320. All written assignments and class meetings are in English. Bi-monthly discussion sessions are in English. Normally offered alternate years. Cultural Diversity B.

• GER-101 Elementary German I

Credits:

4.00

Description:

Practice in both oral and written language skills using German culture as background for language study. Emphasis on active use of German to master structure, pronunciation and vocabulary. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

• GER-102 Elementary German II

Prerequisites:

Ger-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

• GER-201 Intermediate German I

Prerequisites:

GER 102 or instructor's consent

Credits:

4.00

Description:

Four-skills approach (speaking, listening, reading, writing) utilizing authentic texts, recordings, and visual media. Grammar review, vocabulary expansion, and intensive practice. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

• GER-202 Intermediate German II

Prerequisites:

GER 201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

• GER-301 German Civilization I

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-302 German Civilization II

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-303 Advanced Conversation**

Prerequisites:

GER 202, or Instructors consent

Credits:

4.00

Description:

Further development of speaking ability in various contexts (e.g., informal conversation, debate, discussion of current events in the German-speaking countries). Short texts and audio-visual materials as a basis for classroom activities.

Term:

Occasional

Type:

BA FOREIGN

- **GER-304 Advanced Composition**

Prerequisites:

GER 202 or consent of the instructor

Credits:

4.00

Description:

Additional training in writing German. Practice in various modes (e.g., essay, poetry, dramas, short fiction). Some translation into English. Special attention paid to grammatical points where needed.

Term:

Occasional

Type:

BA FOREIGN

- **GER-306 German Cinema**

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-310 Masterpieces of German Literature**

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement,BA FOREIGN

- **GER-412 Contemporary Germany**

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- **GER-419 East Germany and the Cold War**

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

- **GER-420 The Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from it's grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **GER-502 Honors Thesis**

Prerequisites:

Permission of the Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **GR-101 Elementary Ancient Greek**

Credits:

4.00

Description:

An introduction to the basic syntax and vocabulary of Ancient Greek with an emphasis on reading some modified passages from genuine Ancient Greek texts as soon as possible. No background in grammar or Greek is assumed.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **GR-102 Ancient Greek II**

Prerequisites:

GR-101

Credits:

4.00

Description:

A continuation of GR 101. During the semester we will complete our introduction to Ancient Greek and begin to read continuously a classic work of poetry, history, or philosophy in the original.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **HUM-103 Introduction to Asian Studies: Scope of The Discipline**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, and culture of Asia. Sample topics include international relations, political economy, religious and cultural exchanges, Asian experience in America, and the role of Asia in the 21st century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum. Cross-list with AS100/HST100

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HUM-502 Honors Thesis**

Prerequisites:

Permission of the Department Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ITAL-101 Elementary Italian I**

Credits:

4.00

Description:

Practice in both oral and written language skills. Audio-visual and textual materials based on Italian cultural themes. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ITAL-102 Elementary Italian II**

Prerequisites:

ITAL-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ITAL-201 Intermediate Italian I**

Prerequisites:

ITAL 102, or Instructor's consent

Credits:

4.00

Description:

Review of grammar, practice in spoken Italian, with cultural and literary readings along with composition and translation. Language laboratory sessions as assigned.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **JPN-101 Elementary Japanese I**

Credits:

4.00

Description:

For students with no previous knowledge. An introduction to features of spoken and written Japanese. Stresses grammar, oral performance and simple characters. One language lab session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **JPN-102 Elementary Japanese II**

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 101. Emphasis on active command of spoken Japanese. Improvement in pronunciation and conversational skills. Further development in vocabulary, grammar, reading and writing. One language lab session per week.

Term:

Offered Spring Term

Type:

- **JPN-201 Intermediate Japanese I**

Prerequisites:

JPN-102 or Instructor's consent

Credits:

4.00

Description:

Emphasis on improving Japanese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Japanese. Work in the language lab (one hour per week) and use of sources from the Internet are coordinated with class work.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **JPN-202 Intermediate Japanese II**

Prerequisites:

JPN-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **JPN-510 Independent Study**

Prerequisites:

Instructor's Permission required.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them

- **LACS-408 Latin America Cinema**

Credits:

4.00

Description:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Occasionally the course includes films produced in the United States that are directed by Hispanic filmmakers or that illustrate the significance of Hispanic culture in North America. Films in Spanish with English subtitles. All written assignments and class meetings are in English. Cultural Diversity B. Prerequisite: None. ENG102 or 103 are strongly recommended. Normally offered alternate years.

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **LACS-416 Border Crossings: The Latino Experience USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent.

Credits:

4.00

- **LACS-500 Honors in Latin American and Caribbean Studies**

Prerequisites:

Permission of Latin American and Caribbean Studies Chair

Credits:

4.00

Description:

Candidates must register for a special research project in the fall semester of the senior year and complete a senior thesis under the supervision of a faculty member participating in the Latin American and Caribbean Studies Program.

Term:

Offered Fall Term

- **MUH-101 History of Music I**

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-102 History of Music II**

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-110 Music Theory**

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-212 Popular Music in the United States**

Credits:

4.00

Description:

This course covers various popular music styles that emerged in the United States of America in the twentieth century, including blues, music theater, jazz, country, rock and hip-hop. In addition to representative musical selections, emphasis will be placed on various social and cultural factors that helped foster these new popular music styles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-502 Honors Thesis in Music History**

Prerequisites:

Senior standing & permission of the Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-510 Independent Study**

Credits:

1.00- 4.00

Description:

Substantive reading/research in area of special interest directed by a faculty member.

- **SPAN-101 Elementary Spanish I**

Credits:

4.00

Description:

Practice in both oral and written language skills. Class activities are organized around cultural themes that reflect the diversity of the Hispanic world and its interconnectedness with the rest of the world. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-102 Elementary Spanish II**

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

Continues skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-105 Overview of Spanish Culture**

Credits:

1.00

Description:

This course, open only to students from Maryville University of St. Louis, offers a broad survey of Spanish history and culture. It focuses principally on key elements of geography, history, sociology, politics and traditions. The course will place special emphasis on Spanish culture and its problematic modernization, which is an issue with very important consequences for the intellectual productivity of this country.

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-H201 Honors Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-H202 Honors Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

A continuation of skills development from 201. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- **SPAN-210 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-295 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-299 Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

- **SPAN-H299 Honors Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement,BA FOREIGN

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

• SPAN-303 Modern and Contemporary Latin America

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

• SPAN-305 Living in Translation

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-315 Business Spanish**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Diverse Perspectives

- **SPAN-340 Hispanic Culture Today: Trans-Atlantic Perspective**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

An examination of key issues in Hispanic culture today through the study of literature, film, music and TV. The purpose of the course is twofold: To introduce the students to major themes in recent Hispanic society and culture and, to develop the necessary skills to read and analyze literary texts and other cultural forms. Topics to be discussed include dictatorship and democracy, women and representation, political and domestic violence, national identity, immigration, and mass culture. The selected materials will include texts by authors like Manuel Rivas, Mario Vargas Llosa, Carlos Fuentes, Cristina Peri Rossi, Rosa Montero, Carlos Monsivais, and Roberto Bolano among others. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-350 Spanish Cultural Studies**

Credits:

4.00

Description:

This is an interdisciplinary course that will examine the historical and socio-economic causes of contemporary Spanish culture. Material will be drawn from a variety of sources including: history, sociology, gender studies, literature and philosophy. Extensive reference will be made to the non-Western cultures which have made Spain what it is today. (Usually taught in English). (Madrid campus only)

- **SPAN-360 Madrid Cosmopolitan City**

Prerequisites:

SPAN-290 or SPAN-300 or Instructor's consent

Credits:

4.00

Description:

This course is designed to provide students with a basic knowledge of the city of Madrid in terms of its historical, cultural, and social development. Contemporary aspects of the city such as its rise to prominence amongst the capitals of Europe and the phenomenon of recent immigration patterns will also be discussed. All classes will be conducted in Spanish. Specific grammar points will be reviewed as needed. (Madrid campus only)

Type:

- **SPAN-370 Jewish, Islamic, & Christian Spain**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• SPAN-410 Representation and Reality in Spanish Cinema

Credits:

4.00

Description:

This course offers the students a panoramic view of the most representative Spanish films from the 1950's until today, with special emphasis on its social, political, artistic and cultural context. Films will be viewed in Spanish with English subtitles. Conducted in English, the course will be open to both non-majors in Spanish as well as to advanced-level Spanish majors and minors, with the latter carrying out their written work and individual meetings with the instructor in Spanish.

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

- **SPAN-417 Changes in Social Values in Spain 1975 - 2005**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended.

Credits:

4.00

Description:

In this course we will study the transition of Spain from dictatorship to democracy from an interdisciplinary perspective based mostly on the analysis of literary works, film, visual arts and music besides relevant theoretical articles by major Spanish and international intellectuals. Youth culture (sex, drugs and rock and roll), the feminist movement, nationalistic demands, and Spain's subsequent incorporation into the European Union will be highlighted. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film**

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

• SPAN-425 Literature and Art in Latin America

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-427 Border Theater in the New Millennium**

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

One hundred and sixty years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States- Mexico Border. Emphasis will be on contemporary border theater and film. The works of Salcedo, Mijares, Rascon Banda, and others will be studied as well as contemporary films and documentaries such as "Senorita Extraviada", "The Gatekeeper", "Crossing Arizona", and much more.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-510 Independent Study**

Prerequisites:

Instructor consent required.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-I295 Spanish in the Workplace Internship**

Credits:

4.00

Description:

Internship in Madrid, Spain. At least 12 hours a week working for an organization. Designed to give students an international professional learning opportunity. It takes place concurrently with SPAN 295.

- **SPAN-T301 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

- **SPAN-T302 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00- 2.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

2014-2015 Archived Catalog Information

Illustration

The New England School of Art & Design offers a Bachelor of Fine Arts (BFA) in Illustration.

Our Illustration program emphasizes the importance of traditional drawing and painting skills. The curriculum includes four studio electives and reflects the relationship of illustration to both graphic design and fine art studio practice. It also incorporates the study of art and illustration history, as well as contemporary theoretical and practical professional issues, within the framework of a traditional liberal arts core.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Illustration Minor Requirements for BFA Students](#)
- [Illustration Courses](#)

Major Requirements: 27 courses, 84 credits

Courses numbered 200 and above have as a prerequisite the completion of the Foundation Studies program or its equivalent. Exceptions may be made only with the permission of the instructor and the Illustration program director.

The letter "S" preceding the course number indicates a studio course. A studio fee is assessed for all studio courses.

For specific sequence of courses, contact your advisor or the department.

- ADF-S101 Foundation Drawing I

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

• ADF-S123 Painting

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color

and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design(line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- **ADF-S171 Integrated Studio 1**

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

ADF-S101 and ADF-S166 and ADIL-S223 is recommended(previously or concurrently)

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual syntax with emphasis on the development of visual literacy. Topics include staging, lighting and atmosphere, implied and sequential narrative, iconography and visual metaphor. Informed by lecture, discussion with defined objectives and considerations, and examples, students will explore these concepts through a series of assignments related to audience and function. Through preliminary studies and sketches, students explore multiple solutions with consideration of concept, drawing issues, composition and technique. Students are encouraged employ their medium of choice and utilize methods learned in Traditional Techniques.

Term:

Offered Fall Term

• ADIL-S202 Illustration II: Process & Practice

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on the process of the concepts and principles introduced in Illustration I with emphasis on idea generation and picture making. Assignments emphasize all aspects of preliminary stages and final art. Each assignment addresses a particular market and target audience with special emphasis on traditional narrative illustration that involves clothed figure models, other visual reference, and theatrical staging. Students will practice problem-solving within a defined set of parameters, using a medium of choice and utilizing approaches learned in Traditional Techniques and Digital Techniques. Emphasis is placed on the need to preserve spontaneity and vitality in task-based creative work. Various pre-production, formatting and presentation requirements for effective print and digital reproduction are also demonstrated.

Term:

Offered Spring Term

• ADIL-S223 Traditional Techniques

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

In this course students will explore a variety of wet and dry media traditionally used for art reproduction. A range of approaches, from precise to expressive, will be explored. Assignments will involve a wide range of subject matter (still life, wildlife, landscape, and human figure) drawn or painted from direct observation, photo reference, and invention. Students will explore fundamental principles of design and color through composition, with an emphasis on technical experimentation and practice.

Term:

Offered Fall Term

- **ADIL-224 History of Illustration**

Credits:

4.00

Description:

This course focuses on how images have illustrated ideas, told stories, conveyed information and assisted in human communication throughout history. Through presentation, lecture, discussion, research, field trips and selected readings, students will explore historical antecedents and significant trends in illustration through the mid-20th century. Important illustration markets and applications will be emphasized, and notable artists and artworks will be presented in the context of the larger culture. The changing role, employment status and professional practices of the commercial artist will be discussed with attention paid to the impact of new technologies on markets for illustration, and the impact of economics on intellectual property rights.

Term:

Offered Fall Term

- **ADIL-S301 Illustration III: Style & Substance**

Prerequisites:

Take ADIL-S202;

Credits:

3.00

Description:

This course examines the elements of visual style, the relationship between style and meaning, and the role and impact of stylistic trends in illustration. Taken concurrently with History of Illustration, students will explore aesthetic and historical references from both the fine and applied arts with emphasis on the expressive and conceptual use of stylistic elements. Assignments include an interdisciplinary collaborative project and the integration of text. The topics of art direction and audience will be discussed, and the choices of art buyers and the tastes of the general public will be analyzed. Students will practice their preferred media and technical approach as they develop awareness of elements that contribute to the characteristic look that identifies their work.

Term:

Offered Fall Term

• ADIL-S302 Illustration IV: Originality & Creativity

Prerequisites:

Take ADIL-S301;

Credits:

3.00

Description:

This course provides an opportunity for students to consolidate the knowledge and experience from the three previous semesters of Illustration to expand their conceptual and technical skills as they strive for a synthesis of concept, process, technique, and style. Students will explore innovative and personal ways to express visual ideas, while focusing on advanced assignments that address a variety of real world applications and genres. Progressing from instructor-defined to student-defined objectives, assignments provide opportunity for students to develop an efficient and dependable ideation process and technical competence in a preferred medium. In the final weeks, students will be asked to develop a draft Studio Project Proposal Outline for the following semester.

Term:

Offered Spring Term

- **ADIL-338 Illustration Professional Practices**

Prerequisites:

ADIL-S301

Credits:

3.00

Description:

This course introduces students to contemporary professional practices within a broad range of specializations and related fields. Students identify personal interests, capabilities and strengths, and the career priorities and goals that will influence their lives as creative professionals. Self-employment, marketing and promotion will be explored in depth, and small business practices will be covered. Students will identify and investigate potential clients and employers, professional competitions and organizations that provide opportunities for networking and will polish their interviewing and presentation skills. Students will produce a professional resume, design a personal logo and direct marketing/email promotion, and prepare artwork for offset printing. Contemporary issues within the illustration profession and practical topics like reproduction rights, pricing, negotiation, contracts, bookkeeping, taxes, insurance and retirement will be discussed. Students will also produce proposals for two courses, Collaboration and Studio Project for the final semester.

- **ADIL-S401 Studio Project**

Prerequisites:

Take ADIL-S302;

Credits:

3.00

Description:

In this course students research and explore an interdisciplinary subject of personal interest and social, cultural, scientific or commercial relevance. Students will analyze and synthesize a body of information and data, and produce original visual works that effectively communicate and explore this knowledge to a particular audience. Students are encouraged to seek original solutions, new methods and experimental approaches. Throughout this semester of rigorous intellectual and creative exploration, students will document and evaluate their ideas, research activities and the tangible results in the form of a visual journal; experience and insights will be more valuable than product.

Term:

Offered Fall Term

- **ADIL-S410 Portfolio**

Prerequisites:

TAKE ADIL-S302;

Credits:

3.00

Description:

This course involves concentrated studio practice within a student's preferred illustration-related field, genre, or market, working with the subject matter, media, and format of their choice for a targeted audience. Projects developed in the Professional Practice course may involve existing or self-generated content(creative writing, story treatment, clothing design, product design, etc.) Students will reproduce their work in print format and on a website. They will participate in a solo or group exhibition and invite an outside professional to evaluate the work as part of the final senior portfolio review.

Term:

Offered Fall Term

Choose one of the following courses:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **ADIL-S255 Digital Techniques**

Prerequisites:

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Students will work primarily from direct observation utilizing drawing, painting and photo manipulation software, vector-based graphics software as well as Autodesk Sketchbook Pro and Corel Painter. The course includes an introduction to 3D modeling software. Similarities and compatibilities among-and essential differences between-applications are emphasized. Basic scanning, formatting, printing and presentation procedures will be covered with emphasis on file management, and the use of Help menus and online tutorials. Practice and experimentation will be emphasized, and issues of color and composition will be addressed.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

Choose one of the following courses:

- **ADIL-S305 Figure in Context**

Prerequisites:

ADF-S101 and ADF-S166, and ADF-S102 is recommended.(may be taken concurrently)

Credits:

3.00

Description:

This studio elective provides an intensive exploration of the relationship between human figure and environment in terms of both 2-dimensional composition and 3-dimensional illusionary volume and spatial depth. The course addresses drawing and painting and provides students with practice depicting the clothed and costumed figure from direct observation. Using collage or Adobe Photoshop, students will combine their drawings, paintings and photos of figure and environment, integrating these subjects to produce reference and studies for invented narrative scenes. Principles of linear and atmospheric perspective and light logic will also be reviewed. Students utilize the media of their choice for drawing, painting or 3-dimensional diorama and carefully considered staging will be employed in support of narrative and emotional context.

- **ADFA-S212 Figure Painting: Issues in Contemporary Realism**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

3.00

Description:

This course functions as a lab for students to improve their painting skills. Working directly from the models, beginning and more advanced students will explore technique at their own level. Tri-weekly poses will allow in-depth investigation and complex images to develop. Students can work with the painting medium of their choice. Historical and contemporary painters will be used to further the students progress. Open to majors and non-majors.

Term:

Occasional

Choose one of the following courses:

- **ADIL-S402 Collaboration**

Prerequisites:

ADIL-S302

Credits:

3.00

Description:

This course provides the opportunity for Illustration seniors to develop creative projects in partnership with students from any Suffolk University major, students from another school, outside industry professionals or pro bono clients. Content, produced by someone other than the student illustrator, must derive from an existing, previously published source. A student may undertake several smaller projects or a single large project during the semester. A finalized proposal and timeline, drafted in Professional Practice, is approved during the first week of class. Students will also invite an outside professional to evaluate the work as part of the final senior portfolio review.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• ADIL-400 Illustration Internship

Prerequisites:

Take ADIL-338;

Credits:

3.00

Description:

Illustration Majors may choose to complete an Illustration Internship in substitution for the course Collaboration (ADIL-S402). The Internship is designed to give students experience and exposure to the professional world of illustration or an illustration-related field in order to prepare for employment. Student interns work on a part-time basis, essentially as apprentice employees. Interns maintain a journal of activities and observations. Classroom seminars will provide opportunities for reinforcing new skills, sharing learning experiences and discussing concerns. Before the end of the junior year, students interested in an internship should investigate potential employment directly related to their intended area of professional concentration. All internships must be approved in advance by the Illustration Program Director and should be completed during the senior year or the prior summer semester.

Type:

Expanded Classroom Requirement

Studio Electives (4 courses, 12 credits)

Choose four of the following courses. Electives are subject to change and must have the approval of the Illustration program director.

- **ADIL-S270 3D Modeling**

Prerequisites:

ADF S102 and ADF-S166

Credits:

3.00

Description:

This course addresses basic digital 3D modeling for film and interactive graphics and animation techniques used in computer animation, game development, visual effects and concept and production art. Students will be prepared for more advanced training in modeling, rigging and animation. Using the basic functions and tools of Mudbox, students will be introduced to the fundamentals of polygon modeling and sculpting. They will explore Maya, using components to make objects and images to create skins and map textures with essential training in rendering, exporting, compositing and file management. Students will design simplified figurative characters posed in simple environments, explore basic rigging and 3D manipulation, use photo manipulation to create complex textures, and implement pan, tracking and simple walking animations.

- **ADIL-S305 Figure in Context**

Prerequisites:

ADF-S101 and ADF-S166, and ADF-S102 is recommended.(may be taken concurrently)

Credits:

3.00

Description:

This studio elective provides an intensive exploration of the relationship between human figure and environment in terms of both 2-dimensional composition and 3-dimensional illusionary volume and spatial depth. The course addresses drawing and painting and provides students with practice depicting the clothed and costumed figure from direct observation. Using collage or Adobe Photoshop, students will combine their drawings, paintings and photos of figure and environment, integrating these subjects to produce reference and studies for invented narrative scenes. Principles of linear and atmospheric perspective and light logic will also be reviewed. Students utilize the media of their choice for drawing, painting or 3-dimensional diorama and carefully considered staging will be employed in support of narrative and emotional context.

- **ADIL-S307 Concept Visualization**

Prerequisites:

Take ADIL-S201 and ADIL-S255 or ADG-S219;

Credits:

3.00

Description:

This studio elective explores the basic components of the pre-production process for animation, computer games, film and television - concept, character design, properties and assets, backgrounds and environments. Using a given story sequence and working as a team, students will produce everything from plot analysis to storyboards, maquettes, dioramas, background layouts and matte painting. Both aesthetic and technical issues will be addressed, with emphasis on effective process, including research and generation of ideas. Theories of dramatic staging, atmospheric and linear perspective and anatomy of visual storytelling will be reviewed with attention to narrative sequence, point of view, action, transitions and editing. Students will work with a variety of traditional 2D and 3D media and computer applications for drawing and painting (Photoshop, Painter, SketchUp, Blender, Maya) and be introduced to professional practices and presentation.

- **ADIL-S500 Illustration Directed Studio**

Prerequisites:

Instructor's Approval

Credits:

3.00

Description:

The student completes a directed studio project under the supervision of a full-time Illustration faculty member. Directed Studio request forms must be accompanied by a written proposal with a schedule and must be approved by the instructor, the Illustration Program Director, and the Department Chair.

Term:

Offered Both Fall and Spring

- **ADFA-S220 Drawing: Shifting Scales**

Prerequisites:

ADF-S102 or ADF-S502; ADF-S151 or ADF-S551;

Credits:

3.00

Description:

We live in a world of great contrasts in scale, where hand held screens can download Google earth and nanotechnologies can change the lives on entire continents. How do these shifts in scale alter our perceptions of space, and therefore change the way we understand and make drawings? This figure-based course uses descriptive observation as the starting point for addressing visual invention. Students will work from a model, using traditional figurative techniques to combine and contrast with digital imaging techniques, graphic novels, and various contemporary drawing approaches. A variety of wet and dry drawing media will be used with more experimental materials.

Term:

Offered Spring Term

- **ADFA-S251 Printmaking Studio**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently. Open to NESADSU majors only.

Term:

Offered Fall Term

- **ADFA-S361 Figure Studio: 2D**

Prerequisites:

ADF S123 AND ADFA S241

Credits:

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century through the present.

Term:

Offered Fall Term

- **ADFA-S362 Figure Studio: 3D**

Prerequisites:

Take ADF-S152 ADFA-S361;

Credits:

3.00

Description:

This sculpture course considers the figure in its importance both as a historical element and as a reflection and definition of self. Established an understanding of the figurative form in the space by relating gesture and structure through manipulated form. Weight, mass, plane and volume are considered while working directly from the model.

Term:

Offered Spring Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

- **ADG-S302 Italian Journal: Painting and Drawing On Paper**

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

Expanded Classroom Requirement

• ADG-S330 Motion Graphics

Prerequisites:

ADG S219 OR instructor approval

Credits:

3.00

Description:

Enter the world of motion design and learn how to make movies that incorporate image, type and video. This class will focus on learning to create moving graphics that are geared toward being broadcast on television, web or film. Students will create time-based works such as title sequences, ads, and videos that they art direct. In the very near future, motion design will be a necessary skill for designers to compete in the marketplace. Motion design can be applied to many areas of graphic design from on-screen presentation to environmental design. During the class, students will build their motion design portfolio that will give them an edge above conventional print and web designers.

Term:

Offered Spring Term

• ADG-S354 Advanced Computer Applications

Prerequisites:

ADG S201, ADG S206, and ADG S219

Credits:

3.00

Description:

This course is designed to further explore software applications for specific and experimental effects. It aims to provide students with the knowledge and skills necessary to choose the appropriate software application and to execute the desired design, focusing on the design itself rather than on the limitations of computer programs. The course also focuses on solving the technical and production problems when preparing artwork electronically for printing. Software applications include Adobe Creative Suite:InDesign, Illustrator, and Photoshop.

Term:

Offered Spring Term

- **ADG-S365 Digital Photography**

Credits:

3.00

Description:

This course offers students the experience of creating digital and film photographs while studying concepts of art direction and techniques that can enhance their compositions. The primary objective is to generate professional still and motion images for digital media, including the Web. Students will manipulate their photographic images using Photoshop rather than the traditional darkroom. Students will also learn how to photograph their own artwork and use a digital camera. Advanced students will be encouraged to explore independent tracks of study.

Term:

Occasional

- **ADG-S370 Artists' Books**

Prerequisites:

Take ADG-S201 ADG-S206 or Instructor's permission.

Credits:

3.00

Description:

This course will cover traditional book design and construction techniques, as well as contemporary, non-traditional methods. Students will learn to blend design, craftsmanship and content to create books that are themselves works of art. This is a hands-on studio course.

Term:

Occasional

2014-2015 Archived Catalog Information

Illustration

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Our Illustration program emphasizes the importance of traditional drawing and painting skills. The curriculum includes four studio electives and reflects the relationship of illustration to both graphic design and fine art studio practice. It also incorporates the study of art and illustration history, as well as contemporary theoretical and practical professional issues, within the framework of a traditional liberal arts core.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Illustration Minor Requirements for BFA Students](#)
- [Illustration Courses](#)

Minor Requirements: 6 courses, 18 credits

Required Illustration Courses:

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

ADF-S101 and ADF-S166 and ADIL-S223 is recommended(Previously or concurrently)

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual syntax with emphasis on the development of visual literacy. Topics include staging, lighting and atmosphere, implied and sequential narrative, iconography and visual metaphor. Informed by lecture, discussion with defined

objectives and considerations, and examples, students will explore these concepts through a series of assignments related to audience and function. Through preliminary studies and sketches, students explore multiple solutions with consideration of concept, drawing issues, composition and technique. Students are encouraged employ their medium of choice and utilize methods learned in Traditional Techniques.

Term:

Offered Fall Term

- **ADIL-S202 Illustration II: Process & Practice**

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on the process of the concepts and principles introduced in Illustration I with emphasis on idea generation and picture making. Assignments emphasize all aspects of preliminary stages and final art. Each assignment addresses a particular market and target audience with special emphasis on traditional narrative illustration that involves clothed figure models, other visual reference, and theatrical staging. Students will practice problem-solving within a defined set of parameters, using a medium of choice and utilizing approaches learned in Traditional Techniques and Digital Techniques. Emphasis is placed on the need to preserve spontaneity and vitality in task-based creative work. Various pre-production, formatting and presentation requirements for effective print and digital reproduction are also demonstrated.

Term:

Offered Spring Term

Choose one of the following courses:

- **ADF-S123 Painting**

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

• ADIL-S223 Traditional Techniques

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

In this course students will explore a variety of wet and dry media traditionally used for art reproduction. A range of approaches, from precise to expressive, will be explored. Assignments will involve a wide range of subject matter (still life, wildlife, landscape, and human figure) drawn or painted from direct observation, photo reference, and invention. Students will explore fundamental principles of design and color through composition, with an emphasis on technical experimentation and practice.

Term:

Offered Fall Term

• ADIL-S255 Digital Techniques

Prerequisites:

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Students will work primarily from direct observation utilizing drawing, painting and photo manipulation software, vector-based graphics software as well as Autodesk Sketchbook Pro and Corel Painter. The course includes an introduction to 3D modeling software. Similarities and compatibilities among-and essential differences between-applications are emphasized. Basic scanning, formatting, printing and presentation procedures will be covered with emphasis on file management, and the use of Help menus and online tutorials. Practice and experimentation will be emphasized, and issues of color and composition will be addressed.

Term:

Offered Spring Term

Choose three of the following courses:

- **ADIL-S223 Traditional Techniques**

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

In this course students will explore a variety of wet and dry media traditionally used for art reproduction. A range of approaches, from precise to expressive, will be explored. Assignments will involve a wide range of subject matter (still life, wildlife, landscape, and human figure) drawn or painted from direct observation, photo reference, and invention. Students will explore fundamental principles of design and color through composition, with an emphasis on technical experimentation and practice.

Term:

Offered Fall Term

- **ADIL-S255 Digital Techniques**

Prerequisites:

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Students will work primarily from direct observation utilizing drawing, painting and photo manipulation software, vector-based graphics software as well as Autodesk Sketchbook Pro and Corel Painter. The course includes an introduction to 3D modeling software. Similarities and compatibilities among-and essential differences between-applications are emphasized. Basic scanning, formatting, printing and presentation procedures will be covered with emphasis on file management, and the use of Help menus and online tutorials. Practice and experimentation will be emphasized, and issues of color and composition will be addressed.

Term:

Offered Spring Term

• ADIL-S301 Illustration III: Style & Substance

Prerequisites:

Take ADIL-S202;

Credits:

3.00

Description:

This course examines the elements of visual style, the relationship between style and meaning, and the role and impact of stylistic trends in illustration. Taken concurrently with History of Illustration, students will explore aesthetic and historical references from both the fine and applied arts with emphasis on the expressive and conceptual use of stylistic elements. Assignments include an interdisciplinary collaborative project and the integration of text. The topics of art direction and audience will be discussed, and the choices of art buyers and the tastes of the general public will be analyzed. Students will practice their preferred media and technical approach as they develop awareness of elements that contribute to the characteristic look that identifies their work.

Term:

Offered Fall Term

- **ADIL-S307 Concept Visualization**

Prerequisites:

Take ADIL-S201 and ADIL-S255 or ADG-S219;

Credits:

3.00

Description:

This studio elective explores the basic components of the pre-production process for animation, computer games, film and television - concept, character design, properties and assets, backgrounds and environments. Using a given story sequence and working as a team, students will produce everything from plot analysis to storyboards, maquettes, dioramas, background layouts and matte painting. Both aesthetic and technical issues will be addressed, with emphasis on effective process, including research and generation of ideas. Theories of dramatic staging, atmospheric and linear perspective and anatomy of visual storytelling will be reviewed with attention to narrative sequence, point of view, action, transitions and editing. Students will work with a variety of traditional 2D and 3D media and computer applications for drawing and painting (Photoshop, Painter, SketchUp, Blender, Maya) and be introduced to professional practices and presentation.

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

- **ADFA-S212 Figure Painting: Issues in Contemporary Realism**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

3.00

Description:

This course functions as a lab for students to improve their painting skills. Working directly from the models, beginning and more advanced students will explore technique at their own level. Tri-weekly poses will allow in-depth investigation and complex images to develop. Students can work with the painting medium of their choice. Historical and contemporary painters will be used to further the students progress. Open to majors and non-majors.

Term:

Occasional

• **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

Other courses available per advisor consent.

2014-2015 Archived Catalog Information

Illustration

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Our Illustration program emphasizes the importance of traditional drawing and painting skills. The curriculum includes four studio electives and reflects the relationship of illustration to both graphic design and fine art studio practice. It also incorporates the study of art and illustration history, as well as contemporary theoretical and practical professional issues, within the framework of a traditional liberal arts core.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Illustration Minor Requirements for BFA Students](#)
- [Illustration Courses](#)

- **ADIL-224 History of Illustration**

Credits:

4.00

Description:

This course focuses on how images have illustrated ideas, told stories, conveyed information and assisted in human communication throughout history. Through presentation, lecture, discussion, research, field trips and selected readings, students will explore historical antecedents and significant trends in illustration through the mid-20th century. Important illustration markets and applications will be emphasized, and notable artists and artworks will be presented in the context of the larger culture. The changing role, employment status and professional practices of the commercial artist will be discussed with attention paid to the impact of new technologies on markets for Illustration, and the impact of economics on intellectual property rights.

Term:

Offered Fall Term

- ADIL-338 Illustration Professional Practices

Prerequisites:

ADIL-S301

Credits:

3.00

Description:

This course introduces students to contemporary professional practices within a broad range of specializations and related fields. Students identify personal interests, capabilities and strengths, and the career priorities and goals that will influence their lives as creative professionals. Self-employment, marketing and promotion will be explored in depth, and small business practices will be covered. Students will identify and investigate potential clients and employers, professional competitions and organizations that provide opportunities for networking and will polish their interviewing and presentation skills. Students will produce a professional resume, design a personal logo and direct marketing/email promotion, and prepare artwork for offset printing. Contemporary issues within the illustration profession and practical topics like reproduction rights, pricing, negotiation, contracts, bookkeeping, taxes, insurance and retirement will be discussed. Students will also produce proposals for two courses, Collaboration and Studio Project for the final semester.

- ADIL-400 Illustration Internship

Prerequisites:

Take ADIL-338;

Credits:

3.00

Description:

Illustration Majors may choose to complete an Illustration Internship in substitution for the course Collaboration (ADIL-S402). The Internship is designed to give students experience and exposure to the professional world of illustration or an illustration-related field in order to prepare for employment. Student interns work on a part-time basis, essentially as apprentice employees. Interns maintain a journal of activities and observations. Classroom seminars will provide opportunities for reinforcing new skills, sharing learning experiences and discussing concerns. Before the end of the junior year, students interested in an internship should investigate potential employment directly related to their intended area of professional concentration. All internships must be approved in advance by the Illustration Program Director and should be completed during the senior year or the prior summer semester.

Type:

Expanded Classroom Requirement

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

ADF-S101 and ADF-S166 and ADIL-S223 is recommended(Previously or concurrently)

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual syntax with emphasis on the development of visual literacy. Topics include staging, lighting and atmosphere, implied and sequential narrative, iconography and visual metaphor. Informed by lecture, discussion with defined objectives and considerations, and examples, students will explore these concepts through a series of assignments related to audience and function. Through preliminary studies and sketches, students explore multiple solutions with consideration of concept, drawing issues, composition and technique. Students are encouraged to employ their medium of choice and utilize methods learned in Traditional Techniques.

Term:

Offered Fall Term

- **ADIL-S202 Illustration II: Process & Practice**

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on the process of the concepts and principles introduced in Illustration I with emphasis on idea generation and picture making. Assignments emphasize all aspects of preliminary stages and final art. Each assignment addresses a particular market and target audience with special emphasis on traditional narrative illustration that involves clothed figure models, other visual reference, and theatrical staging. Students will

practice problem-solving within a defined set of parameters, using a medium of choice and utilizing approaches learned in Traditional Techniques and Digital Techniques. Emphasis is placed on the need to preserve spontaneity and vitality in task-based creative work. Various pre-production, formatting and presentation requirements for effective print and digital reproduction are also demonstrated.

Term:

Offered Spring Term

- **ADIL-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Development of visual research and photo reference, thumbnailing and rendering skills for ones presentation of ideas and concepts while designing the proper environment for their illustration will be required.

- **ADIL-S223 Traditional Techniques**

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

In this course students will explore a variety of wet and dry media traditionally used for art reproduction. A range of approaches, from precise to expressive, will be explored. Assignments will involve a wide range of subject matter (still life, wildlife, landscape, and human figure) drawn or painted

from direct observation, photo reference, and invention. Students will explore fundamental principles of design and color through composition, with an emphasis on technical experimentation and practice.

Term:

Offered Fall Term

• ADIL-S255 Digital Techniques

Prerequisites:

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Students will work primarily from direct observation utilizing drawing, painting and photo manipulation software, vector-based graphics software as well as Autodesk Sketchbook Pro and Corel Painter. The course includes an introduction to 3D modeling software. Similarities and compatibilities among-and essential differences between-applications are emphasized. Basic scanning, formatting, printing and presentation procedures will be covered with emphasis on file management, and the use of Help menus and online tutorials. Practice and experimentation will be emphasized, and issues of color and composition will be addressed.

Term:

Offered Spring Term

• ADIL-S270 3D Modeling

Prerequisites:

ADF S102 and ADF-S166

Credits:

3.00

Description:

This course addresses basic digital 3D modeling for film and interactive graphics and animation techniques used in computer animation, game development, visual effects and concept and production art. Students will be prepared for more advanced training in modeling, rigging and animation. Using the basic functions and tools of Mudbox, students will be introduced to the fundamentals of polygon modeling and sculpting. They will explore Maya, using components to make objects and images to create skins and map textures with essential training in rendering, exporting, compositing and file management. Students will design simplified figurative characters posed in simple environments, explore basic rigging and 3D manipulation, use photo manipulation to create complex textures, and implement pan, tracking and simple walking animations.

- **ADIL-S301 Illustration III: Style & Substance**

Prerequisites:

Take ADIL-S202;

Credits:

3.00

Description:

This course examines the elements of visual style, the relationship between style and meaning, and the role and impact of stylistic trends in illustration. Taken concurrently with History of Illustration, students will explore aesthetic and historical references from both the fine and applied arts with emphasis on the expressive and conceptual use of stylistic elements. Assignments include an interdisciplinary collaborative project and the integration of text. The topics of art direction and audience will be discussed, and the choices of art buyers and the tastes of the general public will be analyzed. Students will practice their preferred media and technical approach as they develop awareness of elements that contribute to the characteristic look that identifies their work.

Term:

Offered Fall Term

- **ADIL-S302 Illustration IV: Originality & Creativity**

Prerequisites:

Take ADIL-S301;

Credits:

3.00

Description:

This course provides an opportunity for students to consolidate the knowledge and experience from the three previous semesters of Illustration to expand their conceptual and technical skills as they strive for a synthesis of concept, process, technique, and style. Students will explore innovative and personal ways to express visual ideas, while focusing on advanced assignments that address a variety of real world applications and genres. Progressing from instructor-defined to student-defined objectives, assignments provide opportunity for students to develop an efficient and dependable ideation process and technical competence in a preferred medium. In the final weeks, students will be asked to develop a draft Studio Project Proposal Outline for the following semester.

Term:

Offered Spring Term

• ADIL-S305 Figure in Context

Prerequisites:

ADF-S101 and ADF-S166, and ADF-S102 is recommended.(may be taken concurrently)

Credits:

3.00

Description:

This studio elective provides an intensive exploration of the relationship between human figure and environment in terms of both 2-dimensional composition and 3-dimensional illusionary volume and spatial depth. The course addresses drawing and painting and provides students with practice depicting the clothed and costumed figure from direct observation. Using collage or Adobe Photoshop, students will combine their drawings, paintings and photos of figure and environment, integrating these subjects to produce reference and studies for invented narrative scenes. Principles of linear and atmospheric perspective and light logic will also be reviewed. Students utilize the media of their choice for drawing, painting or 3-dimensional diorama and carefully considered staging will be employed in support of narrative and emotional context.

• ADIL-S307 Concept Visualization

Prerequisites:

Take ADIL-S201 and ADIL-S255 or ADG-S219;

Credits:

3.00

Description:

This studio elective explores the basic components of the pre-production process for animation, computer games, film and television - concept, character design, properties and assets, backgrounds and environments. Using a given story sequence and working as a team, students will produce everything from plot analysis to storyboards, maquettes, dioramas, background layouts and matte painting. Both aesthetic and technical issues will be addressed, with emphasis on effective process, including research and generation of ideas. Theories of dramatic staging, atmospheric and linear perspective and anatomy of visual storytelling will be reviewed with attention to narrative sequence, point of view, action, transitions and editing. Students will work with a variety of traditional 2D and 3D media and computer applications for drawing and painting (Photoshop, Painter, SketchUp, Blender, Maya) and be introduced to professional practices and presentation.

• ADIL-S401 Studio Project

Prerequisites:

Take ADIL-S302;

Credits:

3.00

Description:

In this course students research and explore an interdisciplinary subject of personal interest and social, cultural, scientific or commercial relevance. Students will analyze and synthesize a body of information and data, and produce original visual works that effectively communicate and explore this knowledge to a particular audience. Students are encouraged to seek original solutions, new methods and experimental approaches. Throughout this semester of rigorous intellectual and creative exploration, students will document and evaluate their ideas, research activities and the tangible results in the form of a visual journal; experience and insights will be more valuable than product.

Term:

Offered Fall Term

• ADIL-S402 Collaboration

Prerequisites:

ADIL-S302

Credits:

3.00

Description:

This course provides the opportunity for Illustration seniors to develop creative projects in partnership with students from any Suffolk University major, students from another school, outside industry professionals or pro bono clients. Content, produced by someone other than the student illustrator, must derive from an existing, previously published source. A student may undertake several smaller projects or a single large project during the semester. A finalized proposal and timeline, drafted in Professional Practice, is approved during the first week of class. Students will also invite an outside professional to evaluate the work as part of the final senior portfolio review.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• ADIL-S410 Portfolio

Prerequisites:

TAKE ADIL-S302;

Credits:

3.00

Description:

This course involves concentrated studio practice within a student's preferred illustration-related field, genre, or market, working with the subject matter, media, and format of their choice for a targeted audience. Projects developed in the Professional Practice course may involve existing or self-generated content(creative writing, story treatment, clothing design, product design, etc.) Students will reproduce their work in print format and on a website. They will participate in a solo or group exhibition and invite an outside professional to evaluate the work as part of the final senior portfolio review.

Term:

Offered Fall Term

- **ADIL-S500 Illustration Directed Studio**

Prerequisites:

Instructor's Approval

Credits:

3.00

Description:

The student completes a directed studio project under the supervision of a full-time Illustration faculty member. Directed Studio request forms must be accompanied by a written proposal with a schedule and must be approved by the instructor, the Illustration Program Director, and the Department Chair.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Interior Design

The New England School of Art & Design offers a Bachelor of Fine Arts (BFA) in Interior Design.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Interior Design Courses](#)

Major Requirements: 28 courses, 88 credits

Courses numbered 200 and above have as a prerequisite the completion of the Foundation Studies program (with the exception of Foundation Drawing II) or its equivalent. Other exceptions may be made only with the permission of the instructor and the Interior Design program director.

The letter "S" preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

For specific sequence of courses, contact your advisor or the department.

- **ADF-S101 Foundation Drawing I**

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

- **ADF-S166 2D/Color**

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

- **ADI-S106 Interior Design Communications**

Prerequisites:

Take ADF-S101 ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

Interior Design Communications teaches students how drawing media, observational drawing, perspective theory, color and design graphics can be integrated into the designer's process. In addition to exploring contrast, accent, reflection, shade and shadow, the course underscores the importance of freehand sketching as a tool to foster intellectual inquiry and convey design concepts to a wider audience. The course introduces students to manual and digital methods for composing work for conceptual expression, technical drawing presentation, and portfolio purposes.

Term:

Offered Both Fall and Spring

• ADI-S108 Perspective Principles

Prerequisites:

Prior or concurrent drawing experience

Credits:

3.00

Description:

This course introduces students to the systems of perspective developed during the Renaissance as a means of creating the illusion of 3-dimensional space on a 2-dimensional surface. Using 1-, 2-, and 3-point perspective, students will learn to effectively represent space. Basic drafting techniques and architectural scale are introduced. Both free-hand sketching and technical drawing methods will be emphasized. Manipulation of drawing through computerized scanning and digital photography included.

Term:

Offered Both Fall and Spring

• ADI-S110 Digital Orthographics

Prerequisites:

Take ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

This course will enable the student to produce, manipulate and print 2-dimensional drawings using digital software including Computer Aided Drafting (CAD). Students will acquire the skills necessary for producing measured architectural plans, elevations and sections as well as isometric and axonometric drawing types. Fundamentals of illustrating drawings in color, light and shadow through digital programs will be introduced.

Term:

Offered Both Fall and Spring

- **ADI-S201 Interior Design Studio I**

Prerequisites:

ADF S152, ADF S143, ADI S110 Prior to or concurrent with ADI 234 Take ADI S106 or ADI S205

Credits:

3.00

Description:

This studio introduces students to basic design principles, design theory and concept development. Emphasis will be placed on design process, problem solving, spatial organization, anthropometrics, universal design awareness, and presentation techniques. Students will be given a series of projects of increasing complexity, utilizing and building upon the skills developed in the Foundation courses. Students will be expected to produce process diagrams, plans, elevations, models, and finish boards.

Term:

Offered Both Fall and Spring

- **ADI-S202 Residential Design Studio**

Prerequisites:

ADI S201 AND ADF S102

Credits:

3.00

Description:

This course addresses residential interior environments on a large scale. Students will develop client contact and programming skills. Emphasis will be placed on residential precedents, design process, human factors, accessibility, building codes, diagramming, spatial organization, detailing, presentation techniques, furnishings, finishes and lighting.

Term:

Offered Both Fall and Spring

- **ADI-221 History of Furniture & Architecture I**

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ADI-222 History of Furniture & Architecture II**

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ADI-234 Introduction to Interior Design Theory & Criticism

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

- **ADI-242 Interior Codes & Construction**

Prerequisites:

Prerequisite: ADI S110 or S510.

Credits:

3.00

Description:

This course examines various interior construction assemblies of non-load-bearing walls, load-bearing walls, floors, stairs, elevators, fireplaces, ceilings, doors, interior windows, frames, millwork and fire-related construction. Emphasis will be placed on building codes including state, BOCA, Underwriters Laboratory, ASTM, state and federal accessibility codes and construction materials. Students will also be introduced to basic structural concepts and characteristics of structural materials.

Term:

Offered Both Fall and Spring

- **ADI-244 Interior Materials & Finishes**

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

Students will study the visual qualities, technical characteristics and applications of the common materials and finishes used in interior installations. These materials include floor coverings, wall coverings, textiles, ceiling and sustainable materials. Related fire, health and safety codes, as well as maintenance and life cycle costs, will be discussed. Class material will be presented in the form of lectures, guest speakers and a tour of the Boston Design Center. Students will learn to analyze, select and specify materials and finishes for the appropriate applications, write specifications, and prepare a resource notebook.

Term:

Offered Both Fall and Spring

- **ADI-254 Lighting**

Prerequisites:

Prior drafting or CAD experience recommended

Credits:

3.00

Description:

This course introduces students to the art and technology of lighting and explores the use of lighting as a design element in the interior environment. Class material will be presented as a series of lectures, readings and demonstrations. Students will learn to analyze interior lighting installations, calculate lighting levels for interiors, select appropriate light fixtures and prepare a lighting plan based on one of their studio projects.

Term:

Offered Both Fall and Spring

- **ADI-S264 Advanced Interior Design Communication**

Prerequisites:

ADI S106 and ADI S110

Credits:

3.00

Description:

This course is designed to advance and reinforce presentation techniques and graphic technical skills introduced in Interior Design Communications. Students will continue to develop their proficiency in free hand sketching, rendering and perspective, and will learn various three-dimensional rendering software and other digital imaging techniques.

Term:

Offered Both Fall and Spring

- **ADI-S303 Contract Design Studio I**

Prerequisites:

ADF S102, ADI S201, ADI 242, ADI 244, ADI S264

Credits:

3.00

Description:

This commercial design studio focuses on the design of work environments. Students will develop programming and space planning skills unique to these environments through a series of small- to medium-sized projects. Emphasis will be placed on commercial precedents, programming, design process, human factors, building codes, ADA, spatial organization, detailing, presentation techniques, office furniture systems, equipment, finishes, and lighting.

Term:

Offered Both Fall and Spring

- **ADI-S304 Furniture and Detailing Studio**

Prerequisites:

ADI S201, ADI S264

Credits:

3.00

Description:

This course introduces students to the design process as it applies to furniture, addressing furniture ergonomics, materials, construction techniques, manufacturing and design. Students will research selected topics, and design seating, work/service pieces and cabinetry. Emphasis will be placed on furniture precedents, research, design process, human factors, accessibility, detailing, documentation and presentation techniques.

Term:

Offered Both Fall and Spring

- **ADI-S305 Contract Design Studio II**

Prerequisites:

ADI S202, ADI 221, ADI S110

Credits:

3.00

Description:

This studio focuses on adaptive re-use and renovation of commercial interiors with attention given to historical buildings in the Boston area. Emphasis on creative problem-solving methods and a philosophical approach to medium- and large-scale hospitality and retail design projects. Students will be required to incorporate the skills and knowledge gained throughout their studies to create a comprehensive project, including presentation drawings, models, material and furniture boards, and a set of construction documents and specifications.

Term:

Offered Fall Term

- **ADI-352 Environmental Systems**

Prerequisites:

ADI 242

Credits:

3.00

Description:

This course studies mechanical, electrical, and plumbing technology and systems commonly employed in residential and commercial interiors. It will introduce students to the vocabulary, concepts and basic components of these fields of engineering. This will enable students to integrate these building systems in their design work and communicate ideas effectively with project engineers and contractors. The course will include commonly used heating, ventilating, air conditioning, plumbing piping and fixtures, fire sprinklers, electrical supply and distribution, smoke detection and fire alarm systems. Related mechanical, electrical and plumbing codes will also be discussed.

Term:

Offered Both Fall and Spring

- **ADI-S372 Construction Documents**

Prerequisites:

ADI S110 AND ADI S201

Credits:

3.00

Description:

Building on the curriculum of Orthogonal Drawing, this course will explore in more detail the features of CAD and BIM software. Programs will be used as tools to draft, organize, and produce a set of construction documents. Students will complete a full set of contract documents.

Term:

Offered Both Fall and Spring

- **ADI-384 Interiors Marketing & Contracts**

Prerequisites:

ADI-S201; Intended for majors only

Credits:

3.00

Description:

This course will cover the business aspects of interior design, including firm management, client, and contractor relationships, project management, proposal writing, and market resourcing. In addition, students will be exposed to career planning practices, such as portfolio development, resume preparation and interviewing techniques. Tours of architectural and interior design firms will also be included.

Term:

Offered Both Fall and Spring

- **ADI-398 Senior Programming & Pre-Design**

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S372

Credits:

3.00

Description:

This course is designed to be the first part of the BFA Senior Studio in Interior Design. The senior ID project is intended as the culmination of the interior design studio sequence. It is an individual effort, supported by the studio faculty, that is inclusive of the entire design process from the programming phase through final design and documentation. The objective of part one, Senior Programming & Pre-Design, is for individual students to research, develop, and draft a program document which will guide their design work in part two, Senior Studio. Students will explore the possible project types and precedents, select and develop a client profile and program, and research and analyze an architectural site. Written and graphic analysis tools will be employed. The preliminary conceptual (pre-design) phase of work is also introduced.

Term:

Offered Spring Term

- **ADI-S401 Senior Studio**

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S305, ADI S372 AND ADI 398

Credits:

3.00

Description:

This studio course completes the undergraduate studio sequence in Interior Design. This final design studio emphasizes individual competence with respect to the total design process. Students will utilize the research and programming document produced in ADI 398, Senior Programming & Pre-Design, to develop a comprehensive design solution for their individual studio problem through schematics, design development, presentation drawings and specifications.

Term:

Offered Spring Term

Choose one of the following courses:

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

• **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• **ARH-102 Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **ADI-306 Portfolio**

Prerequisites:

Senior Status

Credits:

3.00

Description:

This course teaches students how to develop a professional portfolio. Students will investigate overall development of portfolio content, substance, and design through a variety of hands-on exercises including digital and mock-up layout techniques; methods of documenting and archiving work; presentation formats; design influence investigation, and more.

Term:

Offered Both Fall and Spring

- **ADI-400 Interior Design Internship**

Prerequisites:

ADI S202 and ADI S303; senior BFA standing required. This course fulfills the Expanded Classroom Requirement

Credits:

3.00

Description:

With the assistance of the faculty advisor, each student will identify an appropriate internship site with a local interior design firm. All interns are required to complete 120 hours of work/study within the semester, working a minimum of 8 hours per week under the direction of a qualified Interior Designer. Interns are expected to contribute to the host firm at a high level of design interaction. All interns will meet bi-weekly with the faculty advisor. The classroom seminars will reinforce new skills, share learning experiences, and answer questions or concerns. A firm site visit, production of firm profile, and participation in a professional organization are required within the seminar.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Portfolio may be taken in lieu of the Interior Design Internship ONLY if the ECR requirement and an internship waiver are fulfilled.

2014-2015 Archived Catalog Information

Interior Design

The New England School of Art & Design offers a Bachelor of Fine Arts (BFA) in Interior Design.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Interior Design Courses](#)

- ADI-01 Introduction to Interior Design & Decoration

Credits:

2.00

Description:

This elective course is designed to aid students in determining whether to pursue a career in interior design and decorating. Through both lectures and studio work, students will be shown basic drafting and graphic communication techniques used in presentation of visual ideas, as well as various elements of interior composition, such as space planning, color, furniture, finish and material selection. The final project will be suitable for inclusion in a portfolio. Normally offered each semester.

Term:

Offered Both Fall and Spring

- ADI-221 History of Furniture & Architecture I

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ADI-222 History of Furniture & Architecture II

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ADI-234 Introduction to Interior Design Theory & Criticism

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

• **ADI-242 Interior Codes & Construction**

Prerequisites:

Prerequisite: ADI S110 or S510.

Credits:

3.00

Description:

This course examines various interior construction assemblies of non-load-bearing walls, load-bearing walls, floors, stairs, elevators, fireplaces, ceilings, doors, interior windows, frames, millwork and fire-related construction. Emphasis will be placed on building codes including state, BOCA, Underwriters Laboratory, ASTM, state and federal accessibility codes and construction materials. Students will also be introduced to basic structural concepts and characteristics of structural materials.

Term:

Offered Both Fall and Spring

- **ADI-244 Interior Materials & Finishes**

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

Students will study the visual qualities, technical characteristics and applications of the common materials and finishes used in interior installations. These materials include floor coverings, wall coverings, textiles, ceiling and sustainable materials. Related fire, health and safety codes, as well as maintenance and life cycle costs, will be discussed. Class material will be presented in the form of lectures, guest speakers and a tour of the Boston Design Center. Students will learn to analyze, select and specify materials and finishes for the appropriate applications, write specifications, and prepare a resource notebook.

Term:

Offered Both Fall and Spring

- **ADI-254 Lighting**

Prerequisites:

Prior drafting or CAD experience recommended

Credits:

3.00

Description:

This course introduces students to the art and technology of lighting and explores the use of lighting as a design element in the interior environment. Class material will be presented as a series of lectures, readings and demonstrations. Students will learn to analyze interior lighting installations, calculate lighting levels for interiors, select appropriate light fixtures and prepare a lighting plan based on one of their studio projects.

Term:

Offered Both Fall and Spring

- **ADI-306 Portfolio**

Prerequisites:

Senior Status

Credits:

3.00

Description:

This course teaches students how to develop a professional portfolio. Students will investigate overall development of portfolio content, substance, and design through a variety of hands-on exercises including digital and mock-up layout techniques; methods of documenting and archiving work; presentation formats; design influence investigation, and more.

Term:

Offered Both Fall and Spring

- **ADI-333 Linked Generations: Survey of Contemporary Spanish Architecture**

Credits:

3.00

- **ADI-352 Environmental Systems**

Prerequisites:

ADI 242

Credits:

3.00

Description:

This course studies mechanical, electrical, and plumbing technology and systems commonly employed in residential and commercial interiors. It will introduce students to the vocabulary, concepts and basic components of these fields of engineering. This will enable students to integrate these

building systems in their design work and communicate ideas effectively with project engineers and contractors. The course will include commonly used heating, ventilating, air conditioning, plumbing piping and fixtures, fire sprinklers, electrical supply and distribution, smoke detection and fire alarm systems. Related mechanical, electrical and plumbing codes will also be discussed.

Term:

Offered Both Fall and Spring

- **ADI-384 Interiors Marketing & Contracts**

Prerequisites:

ADI-S201; Intended for majors only

Credits:

3.00

Description:

This course will cover the business aspects of interior design, including firm management, client, and contractor relationships, project management, proposal writing, and market resourcing. In addition, students will be exposed to career planning practices, such as portfolio development, resume preparation and interviewing techniques. Tours of architectural and interior design firms will also be included.

Term:

Offered Both Fall and Spring

- **ADI-398 Senior Programming & Pre-Design**

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S372

Credits:

3.00

Description:

This course is designed to be the first part of the BFA Senior Studio in Interior Design. The senior ID project is intended as the culmination of the interior design studio sequence. It is an individual effort, supported by the studio faculty, that is inclusive of the entire design process from the programming phase through final design and documentation. The objective of part one, Senior Programming & Pre-Design, is for individual students to research, develop, and draft a program document which will guide their design work in part two, Senior Studio. Students will explore the possible project types and precedents, select and develop a client profile and program, and research and analyze an architectural site. Written and graphic analysis tools will be employed. The preliminary conceptual (pre-design) phase of work is also introduced.

Term:

Offered Spring Term

• ADI-400 Interior Design Internship

Prerequisites:

ADI S202 and ADI S303; senior BFA standing required. This course fulfills the Expanded Classroom Requirement

Credits:

3.00

Description:

With the assistance of the faculty advisor, each student will identify an appropriate internship site with a local interior design firm. All interns are required to complete 120 hours of work/study within the semester, working a minimum of 8 hours per week under the direction of a qualified Interior Designer. Interns are expected to contribute to the host firm at a high level of design interaction. All interns will meet bi-weekly with the faculty advisor. The classroom seminars will reinforce new skills, share learning experiences, and answer questions or concerns. A firm site visit, production of firm profile, and participation in a professional organization are required within the seminar.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• ADI-500 Interior Design Directed Study

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

Directed Study/Studio allows students to pursue an in-depth research project in an area of particular interest, directed by a qualified faculty member. Available every semester.

- **ADI-H500 Interior Design Directed Study**

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

Directed Study/Studio allows students to pursue an in-depth research project in an area of particular interest, directed by a qualified faculty member. Available every semester.

- **ADI-S106 Interior Design Communications**

Prerequisites:

Take ADF-S101 ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

Interior Design Communications teaches students how drawing media, observational drawing, perspective theory, color and design graphics can be integrated into the designer's process. In addition to exploring contrast, accent, reflection, shade and shadow, the course underscores the importance

of freehand sketching as a tool to foster intellectual inquiry and convey design concepts to a wider audience. The course introduces students to manual and digital methods for composing work for conceptual expression, technical drawing presentation, and portfolio purposes.

Term:

Offered Both Fall and Spring

• ADI-S108 Perspective Principles

Prerequisites:

Prior or concurrent drawing experience

Credits:

3.00

Description:

This course introduces students to the systems of perspective developed during the Renaissance as a means of creating the illusion of 3-dimensional space on a 2-dimensional surface. Using 1-, 2-, and 3-point perspective, students will learn to effectively represent space. Basic drafting techniques and architectural scale are introduced. Both free-hand sketching and technical drawing methods will be emphasized. Manipulation of drawing through computerized scanning and digital photography included.

Term:

Offered Both Fall and Spring

• ADI-S110 Digital Orthographics

Prerequisites:

Take ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

This course will enable the student to produce, manipulate and print 2-dimensional drawings using digital software including Computer Aided Drafting (CAD). Students will acquire the skills necessary for producing measured architectural plans, elevations and sections as well as isometric and axonometric drawing types. Fundamentals of illustrating drawings in color, light and shadow through digital programs will be introduced.

Term:

Offered Both Fall and Spring

- **ADI-S201 Interior Design Studio I**

Prerequisites:

ADF S152, ADF S143, ADI S110 Prior to or concurrent with ADI 234 Take ADI S106 or ADI S205

Credits:

3.00

Description:

This studio introduces students to basic design principles, design theory and concept development. Emphasis will be placed on design process, problem solving, spatial organization, anthropometrics, universal design awareness, and presentation techniques. Students will be given a series of projects of increasing complexity, utilizing and building upon the skills developed in the Foundation courses. Students will be expected to produce process diagrams, plans, elevations, models, and finish boards.

Term:

Offered Both Fall and Spring

- **ADI-S202 Residential Design Studio**

Prerequisites:

ADI S201 AND ADF S102

Credits:

3.00

Description:

This course addresses residential interior environments on a large scale. Students will develop client contact and programming skills. Emphasis will be placed on residential precedents, design process, human factors, accessibility, building codes, diagramming, spatial organization, detailing, presentation techniques, furnishings, finishes and lighting.

Term:

Offered Both Fall and Spring

- **ADI-S264 Advanced Interior Design Communication**

Prerequisites:

ADI S106 and ADI S110

Credits:

3.00

Description:

This course is designed to advance and reinforce presentation techniques and graphic technical skills introduced in Interior Design Communications. Students will continue to develop their proficiency in free hand sketching, rendering and perspective, and will learn various three-dimensional rendering software and other digital imaging techniques.

Term:

Offered Both Fall and Spring

- **ADI-S303 Contract Design Studio I**

Prerequisites:

ADF S102, ADI S201, ADI 242, ADI 244, ADI S264

Credits:

3.00

Description:

This commercial design studio focuses on the design of work environments. Students will develop programming and space planning skills unique to these environments through a series of small- to medium-sized projects. Emphasis will be placed on commercial precedents, programming, design process, human factors, building codes, ADA, spatial organization, detailing, presentation techniques, office furniture systems, equipment, finishes, and lighting.

Term:

Offered Both Fall and Spring

• ADI-S304 Furniture and Detailing Studio

Prerequisites:

ADI S201, ADI S264

Credits:

3.00

Description:

This course introduces students to the design process as it applies to furniture, addressing furniture ergonomics, materials, construction techniques, manufacturing and design. Students will research selected topics, and design seating, work/service pieces and cabinetry. Emphasis will be placed on furniture precedents, research, design process, human factors, accessibility, detailing, documentation and presentation techniques.

Term:

Offered Both Fall and Spring

• ADI-S305 Contract Design Studio II

Prerequisites:

ADI S202, ADI 221, ADI S110

Credits:

3.00

Description:

This studio focuses on adaptive re-use and renovation of commercial interiors with attention given to historical buildings in the Boston area. Emphasis on creative problem-solving methods and a philosophical approach to medium- and large-scale hospitality and retail design projects. Students will be required to incorporate the skills and knowledge gained throughout their studies to create a comprehensive project, including presentation drawings, models, material and furniture boards, and a set of construction documents and specifications.

Term:

Offered Fall Term

- **ADI-S366 Environmental Graphic Design**

Prerequisites:

ADI S372

Credits:

3.00

Description:

A cross-disciplinary course bringing together interior design students and graphic design students at the senior BFA level to collaborate on problem-solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three-dimensional graphic design projects within the built environment.

Term:

Offered Fall Term

- **ADI-S372 Construction Documents**

Prerequisites:

ADI S110 AND ADI S201

Credits:

3.00

Description:

Building on the curriculum of Orthogonal Drawing, this course will explore in more detail the features of CAD and BIM software. Programs will be used as tools to draft, organize, and produce a set of construction documents. Students will complete a full set of contract documents.

Term:

Offered Both Fall and Spring

• ADI-S401 Senior Studio

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S305, ADI S372 AND ADI 398

Credits:

3.00

Description:

This studio course completes the undergraduate studio sequence in Interior Design. This final design studio emphasizes individual competence with respect to the total design process. Students will utilize the research and programming document produced in ADI 398, Senior Programming & Pre-Design, to develop a comprehensive design solution for their individual studio problem through schematics, design development, presentation drawings and specifications.

Term:

Offered Spring Term

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International Economics

The Department of Economics and the Department of World Languages and Cultural Studies jointly offer a career-oriented program that combines the study of international economics with knowledge of a world language and the politics, history, and cultures of other countries. International Economics is offered in both the BA and BS.

- [International Economics Major Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Economics](#)
- [Societies](#)
- [Economics Courses](#)
- [French Courses](#)
- [Spanish Courses](#)

Major Requirements for BS in International Economics: 9 courses, 36 credits

Students who wish to acquire a strong background in economics should choose the BS, which emphasizes economic decision making within a global environment.

General Major Requirements (8 courses, 32 credits)

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-102 Global Macroeconomics

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-350 Applied Statistical Methods**

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

Type:

Social Science,BSJ SOCIAL SCIENCE

Choose one of the following Economics courses:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies, BSJ SOCIAL SCIENCE

• EC-151 Economic & Human Geography

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, Asian Studies

Choose one of the following Economics courses:

• EC-311 Intermediate Micro Theory

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-312 Intermediate Macro Theory

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

Electives (1 course, 4 credits)

Choose 1 elective from the Economics course list.

Major Requirements for BA in International Economics: 11 courses, 44 credits

Students who wish to acquire a broad liberal arts preparation with a strong emphasis on languages and cultures should choose the BA. Students choosing the BA take 5 courses in French or Spanish. Those who enter the program with considerable foreign language experience will be required to take alternative courses as determined by advisor.

General Major Requirements (6 courses, 24 credits)

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

- EC-102 Global Macroeconomics

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange

rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

Choose one of the following economics courses:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors

(government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies, BSJ SOCIAL SCIENCE

• EC-151 Economic & Human Geography

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, Asian Studies

World Language Requirement (5 courses, 20 credits)

5 courses in French or Spanish

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International Economics

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This program provides an accelerated path for undergraduate economics majors to obtain a Master's degree in Economics. Students are allowed to take up to two master-level courses in their senior year. For each of these graduate courses taken, the student's undergraduate total credit requirement will be reduced by four credits.

Undergraduate students majoring in Economics (BS or BA) or International Economics (BS or BA), can apply for this joint degree program. Applicants must have completed the first semester of their junior year at Suffolk University with an overall GPA of 3.0 or higher and a GPA of 3.3 or higher in at least three economics major courses taken at Suffolk. Application deadline is June 15th of the junior year. However, students may apply until November 1st of the senior year if they want to enroll for graduate courses in the second semester of their senior year.

Each student admitted to this joint degree program must meet all the requirements of one of the undergraduate degree programs (BS in Economics, BA in Economics, BS in International Economics, or BA in International Economics). In addition, the student must meet all the requirements of one of the master's degree programs (MSE or MSIE). Upon successful completion of all of the degree requirements, a student will be conferred one joint degree.

A student may permanently exit the joint degree program and opt to graduate with a bachelor's degree if all the requirements of a bachelor's degree are met, in which case each of the two graduate courses taken in the senior year would be counted as a four-credit course.

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International Economics

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Omicron Delta Epsilon

Membership in Omicron Delta Epsilon, the international honor society in economics, is open to juniors, seniors, and graduate students who have a grade point average of "B" or higher in at least four economics courses and who have maintained an overall grade point average of "B" or higher. Members receive a certificate recognizing their scholastic achievement and have the opportunity to enter an economics essay contest.

Suffolk Economic Association

Membership in the Suffolk Economic Association is open to all members of the university community. The association sponsors lectures and seminars on economic issues and on careers in Economics.

2014-2015 Archived Catalog Information

International Economics

The Department of Economics and the Department of World Languages and Cultural Studies jointly offer a career-oriented program that combines the study of international economics with knowledge of a world language and the politics, history, and cultures of other countries. International Economics is offered in both the BA and BS.

- [International Economics Major Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Economics](#)
- [Societies](#)
- [Economics Courses](#)
- [French Courses](#)
- [Spanish Courses](#)

• EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and

imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-H101 Honors Principles of Microeconomics

Prerequisites:

Honors Section Only : GPA of 3.3 or higher required.

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; the analysis of consumer demand and profit maximizing behavior of business; examination of pricing and output decisions under conditions of competition, monopoly and imperfect competition. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, competition and monopoly. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-102 Global Macroeconomics

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-H102 Honors Global Macroeconomics**

Credits:

3.00

Description:

The measurement of economic growth; introduction to the theory of determination of national income and the price level; unemployment and inflation; theories on economic growth and the role of labor and capital in economic growth; functioning and impact of the monetary system; analysis of monetary and fiscal policies for economic stabilization; international transactions and their influence on the domestic economy. Prerequisites: GPA of 3.2 or higher. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-122 Poverty and Inequality**

Credits:

4.00

Description:

This course looks at economic inequality, with a particular focus on those in the United States who have low or no incomes - the poor. Measures inequality, identifies the poor, and considers a variety of explanations for poverty. Evaluates the purposes and effects of a range of public policies that

might help alleviate poverty. Since race and gender play prominent roles in discussions of poverty, this course also considers issues pertaining to race and gender discrimination, and so examines the economics of both poverty and of discrimination. Cultural Diversity A.

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies, BSJ SOCIAL SCIENCE

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, Asian Studies

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-331 History of Economic Thought**

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-340 Economics of Energy and Natural Resources**

Prerequisites:

Take EC-101;

Credits:

4.00

Description:

This course applies economic analysis to identify the origins, consequences, and policy implications of problems related to renewable and non-renewable natural resources, with particular attention to energy. Resources considered include forests, fisheries, water, minerals, and land. Energy resources covered include oil, gas, coal, nuclear, and alternatives (wind, solar, biomass, hydrogen, etc.), as well as electricity. Concepts examined include externalities, learning-by-doing, peak-load pricing, regulation, sustainability, cost-benefit analysis, and the commons problem.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **EC-420 Special Topics in Economics**

Credits:

4.00

Description:

Special Topics course. Topic varies semester to semester.

- **EC-421 Public Economics: Tax and Budget**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The theory of tax policy and tax structure. The effects on economic behavior (including labor supply, saving, risk-taking and investment, charitable giving, and growth) of different taxes (income, sales, value-added, inheritance, wealth, property). Tax equity, efficiency and incidence, in the United States and in comparative perspective. Additional topics include modeling state taxes; social security and pensions; and tax compensation. Normally offered yearly.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-423 Economics of Regulation

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines regulation and analyzes the structure, conduct, and performance of American industry. Monopoly and strategic behavior in oligopoly and monopolistic competition are considered. U.S. antitrust law and the effect of regulatory laws on industrial performance are explored. Regulatory practices, rate setting, deregulation, public-enterprise pricing, and issues in privatization are examined, with an emphasis on case studies and policy analysis. Normally offered every other year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-430 International Trade Theory & Policy

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-431 Managerial Economics

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This is an applied course in microeconomics. The focus is on the application of economic theory and methods to examine how an organization can achieve its objectives most efficiently. Various economic tools that are frequently used in solving managerial problems will be presented. Topics include optimization techniques applied to demand and production functions, linear programming, risk analysis and portfolio theory. Normally offered every year.

Type:

Quantitative Reasoning

• EC-431 History of Economic Thought

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical

school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-433 Public Choice**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course considers the degree to which it is possible to explain, predict, and guide political decision through the application of economic analysis. The course is organized around two competing visions of public choice: (1) a traditional organic approach that sees the core problem for public choice as requiring the maximization of social welfare and (2) a newer contractual approach that sees that problem as requiring attention to the institutional framework within which political decisions are made. Topics to be considered include the Arrow paradox and other problems in aggregating individual choices, rent-seeking, the Leviathan hypothesis, and non- market demand-revealing methods.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-435 Economics of Energy and Natural Resources**

Prerequisites:

Take EC-101;

Credits:

4.00

Description:

This course applies economic analysis to identify the origins, consequences, and policy implications of problems related to renewable and non-renewable natural resources, with particular attention to energy. Resources considered include forests, fisheries, water, minerals, and land. Energy resources covered include oil, gas, coal, nuclear, and alternatives (wind, solar, biomass, hydrogen, etc.), as well as electricity. Concepts examined include externalities, learning-by-doing, peak-load pricing, regulation, sustainability, cost-benefit analysis, and the commons problem.

Type:

BSJ SOCIAL SCIENCE, Social Science

• EC-440 International Financial Economics

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course is a combination of International Finance and Corporate Finance and designed to give students a strong foundation in the theory and practice of multinational financial management. Course materials include (a) basics of corporate finance and capital asset pricing, (b) foreign currency futures, (c) derivative securities in foreign exchange markets such as currency futures, options, swaps, (d) exchange risk management for multinational corporations, (e) global capital markets and financial crisis.

• EC-442 International Monetary Economics

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-445 The Economics of the European Union

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

An economic analysis of the European Union, the history of European monetary and economic integration. and the creation of the Euro. A survey of the development and evolution of key European policies, such competition, industry, agriculture, environment, regional, etc. A discussion of economic implications of the enlargement of the European Union, as well as its trade relations with the U.S. and other countries within the context of the World Trade Organization.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-450 Applied Econometrics

Prerequisites:

STATS-250 or permission of instructor

Credits:

4.00

Description:

This course begins with a brief review of statistical methods, including probability theory, estimation, and hypothesis testing. This background is used in the construction, estimation, and testing of econometric models. The consequences of a misspecified model, where the assumptions of a classical regression model are violated, are studied and the appropriate remedial measures are suggested. Other topics include dummy variables, binary choice models, and autoregressive models. Emphasis is on applied aspects of econometric modeling. There is extensive use of statistical software for data analyses. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-460 Game Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

Type:

Quantitative Reasoning

- **EC-483 Money, Banking & Financial Markets**

Prerequisites:

EC 101, EC 102

Credits:

4.00

Description:

This course examines the role of depository institutions and the Federal Reserve system in determining the supply of money. The course also explains the financial environment and the role of monetary policy decisions on changes in price, interest rates, money, and economic activity. The course provides the student with both theoretical and applied analysis. Prerequisites: EC 101, EC 102.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-490 Senior Seminar in Economics**

Prerequisites:

Senior Standing; Or permission of Undergraduate Director.

Credits:

4.00

Description:

This is a required course for all students majoring in economics, to be taken in the spring semester of their senior year. Students are required to develop an economic thesis project in consultation with the professor for the course and to present it to the class.

Type:

BSJ SOCIAL SCIENCE,Social Science

- **EC-503 Internship in Economics**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Approximately 12 hours per week working in a position designed to give the student responsibility and a learning opportunity in economics. Interested students should consult the instructor in advance.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-504 Economic Competitiveness: Theory and Practice**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

This course examines the concept of economic competitiveness among nations and states and its usefulness to policymakers seeking to improve economic conditions. The emphasis will be on state-based economic competitiveness. We will read the current literature on economic growth and competitiveness and explore the current controversy surrounding the shortcomings of business climate indices. Special attention will be given to Beacon Hill Institute's index which attempts to identify the states with the sets of policies that sustain long-term economic growth and sustainable high incomes for citizens. The student will apply a stress test to the BHI index identifying its strengths and weaknesses. To learn how the index is used by professionals, the student will also compare the index against similar measures and interview at least two practitioners on how their states apply the index. The student will meet regularly with her advisor and submit a research paper and a professional memorandum advising BHI on how best to improve the index.

Type:

Expanded Classroom Requirement

- **EC-510 EC Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Independent study in economics

Type:

Social Science,BSJ SOCIAL SCIENCE

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

• STATS-H250 Honors Applied Statistic

Prerequisites:

MATH 130, 134, 146, or 165; Honors Course; GPA of 3.2

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Quantitative Reasoning

• STATS-350 Applied Statistical Methods

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

2014-2015 Archived Catalog Information

International Economics

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- [International Economics Major Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Economics](#)
- [Societies](#)
- [Economics Courses](#)
- [French Courses](#)
- [Spanish Courses](#)

• FR-101 Elementary French I

Credits:

4.00

Description:

Emphasis on developing reading, writing, speaking, and listening skills. Audio-visual and textual materials based on French cultural themes. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-102 Elementary French II**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 101. Offered every spring semester.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities Literature Requirement

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso,

Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• FR-305 Advanced Conversation and Composition And Grammar

Prerequisites:

FR 202 or Instructor's consent.

Credits:

4.00

Description:

This course encourages the student to perfect conversational and writing skills in French. Authentic language and formal writing skills are detailed in this course. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne, or Suffolk-Dakar Programs.

Term:

Offered Spring Term

Type:

BA FOREIGN

• FR-306 Composition, Conversation and Advanced Grammar

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

• FR-309 Survey of French Literature I

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, BA FOREIGN

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

This course aims to introduce students to the French Enlightenment and its culture leading up to the French Revolution through a focus on one significant figure: Marie Antoinette. A core concern will be the relationship of female image and the body politic in eighteenth-century France. Other topics to be discussed include women and power, political scandal and public opinion, fashion and self-representation, motherhood and domesticity, and revolution and gender iconography. In conclusion we will consider the legacy of Marie Antoinette as martyr and fetish object in the nineteenth and twentieth centuries and focus on her continuing relevance today. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as

well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

BA FOREIGN

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-401 Special Topics in French and Francophone Studies**

Credits:

4.00

Description:

This seminar examines a range of topics in French and Francophone Studies. It provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

Type:

BA FOREIGN

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **FR-421 Sejour Linguistique en France**

Prerequisites:

FR 201-202 or permission of instructor

Credits:

4.00- 8.00

Description:

This course is an immersion program in Vichy, France through our partnership with CAVILAM. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Summer

Type:

Expanded Classroom Requirement, BA FOREIGN

- **FR-422 Sejour Linguistique au CCFS-Sorbonne**

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

This course is an immersion program in Paris, France through our partnership with CCFS-Sorbonne. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement,BA FOREIGN

• FR-502 Honors Senior Thesis in French

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member offered every fall semester. Prerequisites: Senior standing & permission of the department chair.

Term:

Offered Fall Term

Type:

BA FOREIGN

• FR-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

• FR-T212 Business French Tutorial

Prerequisites:

FR-201 and FR-202 or instructor's permission

Credits:

1.00

Description:

INSTRUCTOR'S CONSENT Tutorial studies of the terminology, organization and practice of business in the French-speaking world.

Term:

Offered Both Fall and Spring

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International Economics

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- [French Courses](#)
- [Spanish Courses](#)

• SPAN-101 Elementary Spanish I

Credits:

4.00

Description:

Practice in both oral and written language skills. Class activities are organized around cultural themes that reflect the diversity of the Hispanic world and its interconnectedness with the rest of the world. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-102 Elementary Spanish II**

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

Continues skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-105 Overview of Spanish Culture**

Credits:

1.00

Description:

This course, open only to students from Maryville University of St. Louis, offers a broad survey of Spanish history and culture. It focuses principally on key elements of geography, history, sociology, politics and traditions. The course will place special emphasis on Spanish culture and its problematic modernization, which is an issue with very important consequences for the intellectual productivity of this country.

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

• SPAN-H201 Honors Intermediate Spanish I

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-H202 Honors Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

A continuation of skills development from 201. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- **SPAN-210 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-295 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-299 Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

- **SPAN-H299 Honors Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

• SPAN-301 Spanish Culture and Civilization

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement,BA FOREIGN

• SPAN-302 Indigenous and Colonial Latin America

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

• SPAN-303 Modern and Contemporary Latin America

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

• SPAN-305 Living in Translation

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-315 Business Spanish**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Diverse Perspectives

- **SPAN-340 Hispanic Culture Today: Trans-Atlantic Perspective**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

An examination of key issues in Hispanic culture today through the study of literature, film, music and TV. The purpose of the course is twofold: To introduce the students to major themes in recent Hispanic society and culture and, to develop the necessary skills to read and analyze literary texts and other cultural forms. Topics to be discussed include dictatorship and democracy, women and representation, political and domestic violence, national identity, immigration, and mass culture. The selected materials will include texts by authors like Manuel Rivas, Mario Vargas Llosa, Carlos Fuentes, Cristina Peri Rossi, Rosa Montero, Carlos Monsivais, and Roberto Bolano among others. (Madrid campus only)

Type:

BA FOREIGN

• SPAN-350 Spanish Cultural Studies

Credits:

4.00

Description:

This is an interdisciplinary course that will examine the historical and socio-economic causes of contemporary Spanish culture. Material will be drawn from a variety of sources including: history, sociology, gender studies, literature and philosophy. Extensive reference will be made to the non-Western cultures which have made Spain what it is today. (Usually taught in English). (Madrid campus only)

• SPAN-360 Madrid Cosmopolitan City

Prerequisites:

SPAN-290 or SPAN-300 or Instructor's consent

Credits:

4.00

Description:

This course is designed to provide students with a basic knowledge of the city of Madrid in terms of its historical, cultural, and social development. Contemporary aspects of the city such as its rise to prominence amongst the capitals of Europe and the phenomenon of recent immigration patterns

will also be discussed. All classes will be conducted in Spanish. Specific grammar points will be reviewed as needed. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-370 Jewish, Islamic, & Christian Spain**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• SPAN-402 Social Literature of Latin America

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• SPAN-405 Women's Voices in Latin America

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **SPAN-410 Representation and Reality in Spanish Cinema**

Credits:

4.00

Description:

This course offers the students a panoramic view of the most representative Spanish films from the 1950's until today, with special emphasis on its social, political, artistic and cultural context. Films will be viewed in Spanish with English subtitles. Conducted in English, the course will be open to both non-majors in Spanish as well as to advanced-level Spanish majors and minors, with the latter carrying out their written work and individual meetings with the instructor in Spanish.

- **SPAN-416 Border Crossings the Latino Experience in the USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• **SPAN-417 Changes in Social Values in Spain 1975 - 2005**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended.

Credits:

4.00

Description:

In this course we will study the transition of Spain from dictatorship to democracy from an interdisciplinary perspective based mostly on the analysis of literary works, film, visual arts and music besides relevant theoretical articles by major Spanish and international intellectuals. Youth culture (sex, drugs and rock and roll), the feminist movement, nationalistic demands, and Spain's subsequent incorporation into the European Union will be highlighted. (Madrid campus only)

Type:

- **SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film**

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

- **SPAN-425 Literature and Art in Latin America**

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine

the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-427 Border Theater in the New Millennium**

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

One hundred and sixty years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States- Mexico Border. Emphasis will be on contemporary border theater and film. The works of Salcedo, Mijares, Rascon Banda, and others will be studied as well as contemporary films and documentaries such as "Senorita Extraviada", "The Gatekeeper", "Crossing Arizona", and much more.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-510 Independent Study**

Prerequisites:

Instructor consent required.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-I295 Spanish in the Workplace Internship**

Credits:

4.00

Description:

Internship in Madrid, Spain. At least 12 hours a week working for an organization. Designed to give students an international professional learning opportunity. It takes place concurrently with SPAN 295.

- **SPAN-T301 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

- **SPAN-T302 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00- 2.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

2014-2015 Archived Catalog Information

Latin American & Caribbean Studies

The Latin American and Caribbean Studies major seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary major in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication, and journalism.

Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Study Abroad](#)
- [Courses](#)

Major Requirements: 10 courses, 40 credits

The major in Latin American and Caribbean Studies requires 10 courses (40 credits) of interdisciplinary work consisting of 5 core courses (20 credits) and 5 related courses (20 credits).

Required Core Component (5 courses, 20 credits)

- GVT-281 Intro to Comparative Politics

Prerequisites:

GVT 110 and GVT 120 or consent of instructor.

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **HST-276 History of Modern Latin America**

Credits:

4.00

Description:

The development of Latin American states: society, economy and culture, from colonial origins to the present. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

Choose one of the following Sociology courses:

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives,Cultural Diversity Opt B

• SOC-228 Social, Cultural and Global Perspectives

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives

Choose one of the following Economics courses:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies, BSJ SOCIAL SCIENCE

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, Asian Studies

Choose one of the following Spanish courses:

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

• SPAN-303 Modern and Contemporary Latin America

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

Elective Courses (5 courses, 20 credits)

At least 2 of the 5 related courses must constitute a concentration in a single discipline or an interdisciplinary field. Course selections will be made in consultation with the Latin American and Caribbean Studies advisor.

- CJNI-255 Introduction to Media

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- CJNI-385 Globalization of Media and Telecommunications

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,BSBA SOCIAL CHANGE,Expanded Classroom Requirement

- **CJN-491 Special Topics in Communications**

Credits:

4.00

Description:

Current issues in the field of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

Economics

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

Type:

Social Science,BSJ SOCIAL SCIENCE

Government

- **GVT-387 Conflict & Reconciliation: Community Service Abroad**

Prerequisites:

GVT 281 or instructor's consent. Junior status or above

Credits:

4.00

Description:

current political trends in the Caribbean and in selected Central American nations. Emphasis will be placed on comparative analysis of public policies in the region, as well as on external factors which impact on politics in the Caribbean and Central America. Students will use academic sources in their analysis, as well as novels and other literary sources for the background of their analysis. Not open to freshmen. Normally offered every third year. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,Expanded Classroom Requirement

- **GVT-393 Latin American Politics Today**

Prerequisites:

GVT 281 or instructor consent

Credits:

4.00

Description:

This course examines the evolution of Latin America in the context of globalization. The first part analyzes the main political and economic trends of Latin America as a region, while the second presents the main challenges Mexico is facing today in the area of security. The third part moves forward into the detailed explanation of the transformations of the largest South American countries such as Colombia, Argentina, Chile and Venezuela, among others. The final section looks at the relationship between Latin America and the United States.

Type:

Cultural Diversity Opt B, Social Science

- **GVT-466 Regionalism and Sovereignty in the Global Economy**

Prerequisites:

GVT 261

Credits:

4.00

Description:

This course examines the intertwined nature of the globalization and regionalization processes from the perspective of global political economy. The first part of the course provides the basic elements and indicators to understand the main challenges the international economy is facing such as crisis, protectionism, and underdevelopment, inter alia. The second part presents the evolution of globalization and regionalism in the past decades. The third and final section compares how the distinct regions in the world are dealing with local and global problems; particularly attention is paid to the European Union, NAFTA, Mercosur and APEC.

Type:

Social Science

- **GVT-469 International Human Rights**

Prerequisites:

GVT 261 Junior status or above

Credits:

4.00

Description:

An examination of human rights at the end of the 20th century. Attention will be given to the origin and expansion of the concept of human rights in different political systems, the links between culture and human rights and the means and mechanisms for safeguarding human rights with particular reference to the United Nations system.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-507 GVT Study Trip

Prerequisites:

INSTRUCTOR'S PERMISSION This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

APPROVAL OF DEPT. CHAIRPERSON. Specially arranged study trip to a foreign country for the purpose of obtaining knowledge through direct experience and observation. Includes prearranged site visits, meetings, required reading and written assignments. ECR

Type:

Social Science,Expanded Classroom Requirement

• GVT-524 Washington Internship

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524; Sophomore standing;

Credits:

4.00

Description:

ECR

Type:

Social Science,Expanded Classroom Requirement

- **GVT-526 International Internship-London**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science,Expanded Classroom Requirement

• GVT-528 International Seminar I

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 529

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation. ECR

Type:

Social Science,Expanded Classroom Requirement

• GVT-529 International Seminar II

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 528

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation ECR

Type:

Social Science,Expanded Classroom Requirement

History

- HST-276 History of Modern Latin America

Credits:

4.00

Description:

The development of Latin American states: society, economy and culture, from colonial origins to the present. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- HST-285 Colonial History of Latin America

Credits:

4.00

Description:

An introduction to Latin America's colonial history through the Revolutionary Wars for Independence. The course examines topics that are relevant to issues and challenges facing Latin American and Caribbean peoples today, including poverty, corruption, human rights, the power of religion, race and identity, the environment, international trade, political representation, foreign intervention, cultural survival, and the exploitation of land, labor and resources.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- HST-377 Caribbean and Latin-American Diaspora

Credits:

4.00

Description:

A look at the migration of people, along with their culture, to and from the Caribbean and Latin America. The first half of the course looks at how European, Asian and African diasporas settled in the region, assimilated and contributed to the ethnic and cultural base of Caribbean and Latin America countries in the colonial period. The second half offers insight into how and why people from the Caribbean and Latin America would later form diasporas of their own in countries like the United States in the twentieth century. Students taking this course will get a sense of the struggles, accomplishments and culture of Caribbean and Latin American peoples in the United States. Formerly HST 286.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- HST-396 The African Diaspora

Credits:

4.00

Description:

An examination of the dispersion of Africans to the Americas during the era of the slave trade and the establishment of New World communities of Africans and people of mixed descent. Topics include: the Slave Trade, comparative Slave Systems, Religion, Resistance and Revolutionary Movements, Return and Redemption Movements, Pan Africanism, Race and Class. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

- **HST-441 Social Movements in the Caribbean**

Credits:

4.00

Description:

A case-study approach to studying the various means by which people in the Caribbean sought to overcome the legacies of colonial exploitation of their land, labor and resources. The course also offers lessons from the case-studies for approaching/achieving positive social change. Students will learn about the people's struggles to improve their social lives, reduce poverty, access land, expand human rights, reduce illiteracy, and gain accountability from their governments through violent and non-violent means.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

Latin American and Caribbean Studies

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities Literature Requirement,BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• SPAN-405 Women's Voices in Latin America

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **SPAN-416 Border Crossings the Latino Experience in the USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

- **SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film**

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-

economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

- **SPAN-425 Literature and Art in Latin America**

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

Sociology

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives,Cultural Diversity Opt B

• SOC-347 Immigration Law and Policy

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-327 Special Topics: General Sociology**

Credits:

4.00

Description:

A course with special interest topics in sociology which changes depending on the professor.

Term:

Occasional

2014-2015 Archived Catalog Information

Latin American & Caribbean Studies

The Latin American and Caribbean Studies major seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary major in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication, and journalism.

Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Study Abroad](#)
- [Courses](#)

Minor Requirements: 6 courses, 24 credits

Prerequisite: Demonstrated proficiency of Spanish, Portuguese, or French beyond the intermediate level. Normally this can be fulfilled by successful completion of one 300-level course.

The minor in Latin American and Caribbean Studies requires 6 courses (24 credits) of combined interdisciplinary study. Students must take at least one course from the following disciplines: Government, Latin American and Caribbean Studies, and History, as well as 3 additional courses which may include but not be restricted to related interdisciplinary fields: Communication and Journalism, Economics, and Sociology.

See the Latin American & Caribbean Studies Major Requirements tab for the list of courses.

Minor Requirements: 6 courses, 24 credits

Prerequisite: Demonstrated proficiency of Spanish, Portuguese, or French beyond the intermediate level. Normally this can be fulfilled by successful completion of one 300-level course.

The minor in Latin American and Caribbean Studies requires 6 courses (24 credits) of combined interdisciplinary study. Students must take at least one course from the following disciplines: Government, Latin American and Caribbean Studies, and History, as well as 3 additional courses which may include but not be restricted to related interdisciplinary fields: Communication and Journalism, Economics, and Sociology.

See the Latin American & Caribbean Studies Major Requirements tab for the list of courses.

2014-2015 Archived Catalog Information

Latin American & Caribbean Studies

The Latin American and Caribbean Studies major seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary major in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication, and journalism.

Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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Candidates must register for a special research project course in the fall semester of the senior year and complete a senior thesis under the supervision of a faculty member participating in the Latin American and Caribbean Studies program.

- LACS-500 Honors in Latin American and Caribbean Studies

Prerequisites:

Permission of Latin American and Caribbean Studies Chair

Credits:

4.00

Description:

Candidates must register for a special research project in the fall semester of the senior year and complete a senior thesis under the supervision of a faculty member participating in the Latin American and Caribbean Studies Program.

Term:

Offered Fall Term

2014-2015 Archived Catalog Information

Latin American & Caribbean Studies

The Latin American and Caribbean Studies major seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary major in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication, and journalism.

Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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Students in Latin American and Caribbean Studies are strongly encouraged to participate in a study abroad program. This may be done at affiliated institutions such as the Tecnológico de Monterrey or the Universidad Iberoamerica in Mexico, The International Center for Development Studies in Costa Rica, or through the International Internship Program with a placement in Latin America or the Caribbean. In addition, students have the option of participating in a domestic internship related to Latin America or the Caribbean (a maximum of 9 credit hours).

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Latin American & Caribbean Studies

The Latin American and Caribbean Studies major seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary major in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication, and journalism.

Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Study Abroad](#)
- [Courses](#)

- LACS-408 Latin America Cinema

Credits:

4.00

Description:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Occasionally the course includes films produced in the United States that are directed by Hispanic filmmakers or that illustrate the significance of Hispanic culture in North America. Films in Spanish with English

subtitles. All written assignments and class meetings are in English. Cultural Diversity B. Prerequisite: None. ENG102 or 103 are strongly recommended. Normally offered alternate years.

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **LACS-416 Border Crossings: The Latino Experience USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent.

Credits:

4.00

- **LACS-500 Honors in Latin American and Caribbean Studies**

Prerequisites:

Permission of Latin American and Caribbean Studies Chair

Credits:

4.00

Description:

Candidates must register for a special research project in the fall semester of the senior year and complete a senior thesis under the supervision of a faculty member participating in the Latin American and Caribbean Studies Program.

Term:

Offered Fall Term

2014-2015 Archived Catalog Information

Mathematics

The Mathematics majors provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in Computer Science, Engineering, Economics or Finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing graduate studies.

The department offers two majors: pure mathematics and applied mathematics with a concentration in economics/finance. The department also offers minors in Mathematics and in Actuarial Science, which can be used to complement a major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

Mathematics Major Programs

The Department of Mathematics offers mathematics majors in pure mathematics and applied mathematics with an economics/finance concentration. The applied mathematics major offers a choice of four different concentrations in economics/finance.

I. Mathematics Major in Pure Mathematics: 13 courses and corresponding laboratory classes, 52 credits

A student majoring in mathematics must successfully complete 40 credits of coursework in mathematics plus 12 credits of coursework in computer science and physics, distributed as follows:

Major Course Requirements for Pure Mathematics (10 courses, 40 credits)

- MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-331 Introduction to Abstract Math

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

• MATH-431 Linear Algebra

Prerequisites:

Math 331 must have grade C or higher

Credits:

4.00

Description:

System of linear equations, Gaussian elimination, matrices and their algebra, inverse of a matrix, determinants, cofactor expansion, Cramer's rule, vectors in and their algebra, abstract vector spaces, subspaces, linear independence, basis and dimension, linear transformations, isomorphism of vector spaces, rank and nullity, matrix of a linear transformation, inner product spaces, angle and orthogonality, eigenvalues and eigenvectors of a linear transformation, characteristic equation, Cayley-Hamilton theorem, diagonalization.

- **MATH-432 Abstract Algebra**

Prerequisites:

MATH 431

Credits:

4.00

Description:

An introduction to elementary group theory, including properties of groups, subgroups, first isomorphism theorem for groups, normal subgroups, finite group classification; elementary properties of rings, such as homomorphisms of rings, ideals, fields, Euclidean algorithm, rings of polynomials, factorization theory, integral domains, associates, primes and units in domains, and other topics in number theory. Prerequisite: MATH 431 with a grade of C or higher.

- **MATH-462 Real Analysis**

Prerequisites:

MATH 331 with at least a grade of C

Credits:

4.00

Description:

A detailed treatment of the basic concepts of analysis including the real numbers; completeness and its equivalence to other properties of the reals such as monotone convergence, Archimedean property, Bolzano-Weierstrass theorem; the topology of Euclidean spaces, compactness and the Heine-Borel theorem, connectedness, continuity and uniform continuity and uniform convergence of functions, and an introduction to metric spaces.

Choose 2 additional 4-credit mathematics courses at or above the 200 level

Choose 1 additional 4-credit mathematics course at or above the 300 level

Complementary Major Requirements for Pure Mathematics (3 courses and corresponding laboratory classes, 12 credits)

- **CMPSC-F131 Computer Science I**

Prerequisites:

Must be taken concurrently with CMPSC R131

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

Type:

Quantitative Reasoning

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

A student majoring in applied mathematics must successfully complete 32 credits of coursework in mathematics, 12 credits of coursework in computer science and economics, and between 27 to 34 credits of coursework in economics/finance depending on the concentration chosen.

Major Course Requirements (7 courses, 28 credits)

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-431 Linear Algebra**

Prerequisites:

Math 331 must have grade C or higher

Credits:

4.00

Description:

System of linear equations, Gaussian elimination, matrices and their algebra, inverse of a matrix, determinants, cofactor expansion, Cramer's rule, vectors in and their algebra, abstract vector spaces, subspaces, linear independence, basis and dimension, linear transformations, isomorphism of vector spaces, rank and nullity, matrix of a linear transformation, inner product spaces, angle and orthogonality, eigenvalues and eigenvectors of a linear transformation, characteristic equation, Cayley-Hamilton theorem, diagonalization.

- **MATH-462 Real Analysis**

Prerequisites:

MATH 331 with at least a grade of C

Credits:

4.00

Description:

A detailed treatment of the basic concepts of analysis including the real numbers; completeness and its equivalence to other properties of the reals such as monotone convergence, Archimedean property, Bolzano-Weierstrass theorem; the topology of Euclidean spaces, compactness and the Heine-Borel theorem, connectedness, continuity and uniform continuity and uniform continuity, pointwise and uniform convergence of functions, and an introduction to metric spaces.

Choose additional mathematics/statistics courses at the 200-level or higher, depending on the concentration chosen

Complementary Major Course Requirements (3 courses, 12 credits)

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

- EC-102 Global Macroeconomics

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

Choose 1 course in computer science

Economics-Finance Concentration Requirements

A student must select one of the following concentrations:

(A) Actuarial Science Concentration

- ACCT-201 Accounting for Decision Making I

Prerequisites:

MATH-128 or higher and WRI-102 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

- **ACCT-202 Accounting for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from ACCT 201. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Topics include cost-volume-profit analysis, costing systems, variance analysis, and the budget process. Discusses relevant current ethical and competitive issues found in the financial press.

Term:

Offered Both Fall and Spring

- **FIN-310 Business Finance**

Prerequisites:

EC-101 and ACCT-201 and MATH-130 or higher and at least 24 credits

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

• MATH-290 Financial Mathematics I

Prerequisites:

MATH-166 with a grade of C or better

Credits:

4.00

Description:

This course is mainly designed for students who are interested in financial mathematics and/or actuarial sciences, especially if they plan to take the second actuarial exam, and/or if they plan to study more in financial mathematics. The materials covered include time value of money, annuities, loans, bonds, cash flows and portfolios, general derivatives, options, hedging and investment strategies, forwards and futures, and swaps.

Type:

Expanded Classroom Requirement

• STATS-350 Applied Statistical Methods

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals,

are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

- **ISOM-120 Information Technology and Productivity**

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

Choose one 4-credit elective in mathematics at or above the 200-level

Choose one of the following Finance courses:

- **FIN-311 Intermediate Finance**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

Intermediate Finance expands on basic financial concepts and introduces more advanced topics. Material emphasizes solutions to problems of capital structure, investment and financing. Other major topics include distribution policy, working capital management, derivative corporate securities, and corporate restructuring.

Term:

Offered Both Fall and Spring

- **FIN-313 General Insurance**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course includes the theory, practice and problems of risk bearing in business and personal pursuits including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FIN-315 Principles of Investments**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed, including stocks, bonds, futures, and options.

Term:

Offered Both Fall and Spring

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315; Junior standing;

Credits:

3.00

Description:

This course is an in-depth analysis of derivatives: futures, options, and swaps. The course explains why these securities exist, where and how they are traded, how to employ them in managing risk, and how to accurately price them. It also covers the use of these derivatives in the context hedging or speculation.

Term:

Offered Spring Term

- **FIN-413 Investment Analysis and Portfolio Management**

Prerequisites:

FIN 315, Junior standing

Credits:

3.00

Description:

This course is an advanced course in investment analysis stressing efficient frontier and diversification. Also studies portfolio construction and management, and the tradeoff of risk versus return.

Term:

Offered Fall Term

(B) Math with Economics Concentration

- **STATS-350 Applied Statistical Methods**

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

Choose one of the following Economics courses:

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

Choose 3 courses in economics (one of which must be at the 400-level)

Choose two 4-credit electives in mathematics at or above the 200-level

(C) Math with Finance Concentration

- **ACCT-201 Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

- **ACCT-202 Accounting for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from ACCT 201. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Topics include cost-volume-profit analysis, costing systems, variance analysis, and the budget process. Discusses relevant current ethical and competitive issues found in the financial press.

Term:

Offered Both Fall and Spring

- **FIN-310 Business Finance**

Prerequisites:

EC-101 and ACCT-201 and MATH-130 or higher and at least 24 credits

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

• **ISOM-120 Information Technology and Productivity**

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

Choose 4 courses in finance (at 300-level or above)

Choose two 4-credit electives in mathematics at or above the 200-level or choose STATS -350 and one 4-credit MATH elective at or above the 200-level

- **ACCT-201 Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

- **ACCT-202 Accounting for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from ACCT 201. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Topics include cost-volume-profit analysis, costing systems, variance analysis, and the budget process. Discusses relevant current ethical and competitive issues found in the financial press.

Term:

Offered Both Fall and Spring

- **FIN-310 Business Finance**

Prerequisites:

EC-101 and ACCT-201 and MATH-130 or higher and at least 24 credits

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

- **ISOM-120 Information Technology and Productivity**

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-312 Intermediate Macro Theory

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

Choose 2 courses in economics (one of which must be at the 400-level)

Choose 2 courses in finance

Choose one 4-credit elective in mathematics at or above the 200-level or

- **STATS-350 Applied Statistical Methods**

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

For a [Suggested Course Sequence](#), visit the department's website.

2014-2015 Archived Catalog Information

Mathematics

The Mathematics majors provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in Computer Science, Engineering, Economics or Finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing graduate studies.

The department offers two majors: pure mathematics and applied mathematics with a concentration in economics/finance. The department also offers minors in Mathematics and in Actuarial Science, which can be used to complement a major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

The department offers two mathematics minor programs – in Pure Mathematics and in Actuarial Science.

Pure Mathematics Minor Requirements: 5 courses, 20 credits

To qualify for a minor in Mathematics, a student must successfully complete 5 courses (20 credits) with a GPA of at least 2.0, distributed as follows:

- MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-166 Calculus II

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-265 Calculus III

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient,

extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

Choose 1 additional 4-credit mathematics course at or above the 200-level

Actuarial Science Minor Requirements: 7 courses, 28 credits

To qualify for a minor in Actuarial Science, a student must successfully complete 7 courses (28 credits) with a GPA of at least 2.0, distributed as follows:

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-166 Calculus II

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-255 Probability and Statistics

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional

distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-290 Financial Mathematics I**

Prerequisites:

MATH-166 with a grade of C or better

Credits:

4.00

Description:

This course is mainly designed for students who are interested in financial mathematics and/or actuarial sciences, especially if they plan to take the second actuarial exam, and/or if they plan to study more in financial mathematics. The materials covered include time value of money, annuities, loans, bonds, cash flows and portfolios, general derivatives, options, hedging and investment strategies, forwards and futures, and swaps.

Type:

- **EC-101 Applied Microeconomics**

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of

government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

2014-2015 Archived Catalog Information

Mathematics

The Mathematics majors provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in Computer Science, Engineering, Economics or Finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing graduate studies.

The department offers two majors: pure mathematics and applied mathematics with a concentration in economics/finance. The department also offers minors in Mathematics and in Actuarial Science, which can be used to complement a major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

Mathematics majors in all concentrations who have an overall GPA of 3.0 or better and a GPA of 3.0 or better in the major will be eligible for honors. To achieve honors a student must take an advanced course of 4 credits or more in an advanced mathematics topic. This will typically be an independent study. The course should lead to a project or a senior thesis, done under the direction of a faculty member of their choice. The topic of the thesis will be agreed upon by the student and faculty member.

2014-2015 Archived Catalog Information

Mathematics

The Mathematics majors provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in Computer Science, Engineering, Economics or Finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing graduate studies.

The department offers two majors: pure mathematics and applied mathematics with a concentration in economics/finance. The department also offers minors in Mathematics and in Actuarial Science, which can be used to complement a major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

• MATH-000 Mathshop - Bridge to College Math

Credits:

0.00

Description:

A NON-CREDIT, full semester workshop designed for students who need substantial review before starting MATH 104, MATH 106, OR MATH 121. Similar to a course, MATHSHOP meets three hours per week throughout the semester. Topics covered are tailored to the needs of students and include basic math material, basic algebra, graphing use of calculators, ways of dealing with math fears and study methods. Several sections normally offered each semester.

- **MATH-002 Preparing for College Math**

Prerequisites:

Requirements: Internet access, Suffolk e-mail, computer headset with microphone and earphones. MyMathLab or WebAssign access key (obtained after registration for course)

Credits:

0.00

Description:

This course is designed for students who want a refresher of some real numbers and algebra topics before taking MATH 130 and MATH 134 or MATH 121. Topics covered in each section will be adjusted based on students' needs but will include real number arithmetic, lines, graphs and some basic algebra. Designed for students with math placement scores 80-120.

- **MATH-075 Review of Math Concepts for Calculus**

Credits:

0.00

Description:

The purpose of this non-credit course is to help engineering students review basic math contents and topics that will be used frequently in their major engineering courses. The course will cover basic algebra (for example, order of operations, exponents, simplifying algebraic expressions, combinations of operations and complex fractions), functions and graphs (including linear, polynomial, and rational, exponential and logarithmic functions) and basic knowledge in trigonometric functions (for example angles and radian measures, right triangle trigonometry, graphs of Sine and Cosine functions)

- **MATH-104 Precalculus for Management & Social Sciences**

Prerequisites:

MATH level 2 or Mathshop

Credits:

4.00

Description:

A selection of topics in algebra and elementary analytic geometry including, (but not restricted to): properties of real numbers, linear equations and inequalities, absolute value equations and inequalities, polynomials, rational expressions, exponents and radicals, quadratic equations, functions, linear, quadratic and polynomial models, rational, exponential and logarithmic functions. Applications and graphs are stressed throughout the course. This course is intended to prepare students who have only had one year of high school algebra to take MATH 134. Students may not use this course alone to satisfy the C.A.S. math requirement. Qualifying math placement exam score required. Students who are not prepared for this course should take MATHSHOP. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students. This course cannot be taken for credit by a student who already has credit for a more advanced course.

• MATH-121 Precalculus With Elements of Calculus

Prerequisites:

MATH-104 with a minimum grade of B or MATH level 4

Credits:

4.00

Description:

A review of topics in algebra, trigonometry and analytic geometry intended for students needing one additional semester of preparation before taking MATH 165. Students may not use this course alone to satisfy the CAS math requirement. Prerequisites: MATH 104 with B or MATH 108 with B or higher or qualifying placement exam score indicating solid grounding in intermediate algebra. 4 lecture hours plus 1 recitation session per week. Normally offered every semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students. This course cannot be taken for credit by a student who already has credit for a more advanced course.

• MATH-128 Math for the Modern World

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-132 Math-Art, Tool and Human Side**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be

included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications(curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-167 Honors Calculus Seminar I**

Credits:

1.00

Description:

Intended for students who are simultaneously taking Math 165 or Math 166, this seminar meets once per week to investigate some of the more theoretical and challenging aspects of the topics covered in MATH 165 and 166. Normally offered each spring.

- **MATH-220 Mathematics for Scientists and Engineers**

Prerequisites:

Take MATH-166

Credits:

4.00

Description:

Topics mostly selected from the following list: complex numbers (i, arithmetic, Euler phi function, DeMoivre's theorem, roots of unity); elementary computational linear algebra (matrices: addition, scalar multiplication, multiplication, adjoint, transpose, inverse, rank, Gaussian elimination, Cramer's rule, linear functions, transformations of 2 and 3 space; vectors: definition, addition, subtraction, dot product, cross product, basis vectors, change of bases, eigenvalues, eigenvectors); combinatorics (counting principles, permutations and combinations); finite probability (basic definitions, sample spaces, events, probabilities of unions and intersections). Normally offered once per year.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-256 Statistics With R**

Prerequisites:

MATH 255 or permission of instructor

Credits:

1.00

Description:

The course uses free software R to introduce key concepts in statistics. Topics include Descriptive statistics and graphics, One- and two-sample tests, Regression and correlation, and Analysis of variance. Data from financial markets or computer networks will be used for homework assignments and projects. We will focus on hands on experiences with R rather than theoretical details about statistical analysis.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-267 Honors Calculus Seminar II**

Prerequisites:

Intended for students simultaneously taking MATH 265

Credits:

1.00

Description:

This seminar meets once per week to investigate some of the more theoretical and challenging aspects of the topics covered in MATH 265. Normally offered once per year.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

• MATH-290 Financial Mathematics I

Prerequisites:

MATH-166 with a grade of C or better

Credits:

4.00

Description:

This course is mainly designed for students who are interested in financial mathematics and/or actuarial sciences, especially if they plan to take the second actuarial exam, and/or if they plan to study more in financial mathematics. The materials covered include time value of money, annuities, loans, bonds, cash flows and portfolios, general derivatives, options, hedging and investment strategies, forwards and futures, and swaps.

Type:

Expanded Classroom Requirement

• MATH-331 Introduction to Abstract Math

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-351 Geometry**

Credits:

4.00

Description:

Topics chosen from such areas as foundations of geometry, non-Euclidean geometry, projective geometry and convexity. Prerequisite: MATH 331. 1 term - 3 credits. Offered as the need arises.

- **MATH-373 Ordinary Differential Equations**

Prerequisites:

MATH-265 (may be taken concurrently)

Credits:

4.00

Description:

A first course in differential equations. Topics generally include separable, homogenous, exact, and linear first order differential equations; variations of parameters, differential operators, the Laplace transform, inverse transforms, systems of differential equations, power series solutions, Fourier series, and applications.

- **MATH-400 Senior Project in Mathematics**

Prerequisites:

Instructor permission required.

Credits:

4.00

Description:

Students study a particular topic in mathematics and demonstrate their results in a final project.

- **MATH-431 Linear Algebra**

Prerequisites:

Math 331 must have grade C or higher

Credits:

4.00

Description:

System of linear equations, Gaussian elimination, matrices and their algebra, inverse of a matrix, determinants, cofactor expansion, Cramer's rule, vectors in and their algebra, abstract vector spaces, subspaces, linear independence, basis and dimension, linear transformations, isomorphism of vector spaces, rank and nullity, matrix of a linear transformation, inner product spaces, angle and orthogonality, eigenvalues and eigenvectors of a linear transformation, characteristic equation, Cayley-Hamilton theorem, diagonalization.

- **MATH-432 Abstract Algebra**

Prerequisites:

MATH 431

Credits:

4.00

Description:

An introduction to elementary group theory, including properties of groups, subgroups, first isomorphism theorem for groups, normal subgroups, finite group classification; elementary properties of rings, such as homomorphisms of rings, ideals, fields, Euclidean algorithm, rings of polynomials,

factorization theory, integral domains, associates, primes and units in domains, and other topics in number theory. Prerequisite: MATH 431 with a grade of C or higher.

- **MATH-462 Real Analysis**

Prerequisites:

MATH 331 with at least a grade of C

Credits:

4.00

Description:

A detailed treatment of the basic concepts of analysis including the real numbers; completeness and its equivalence to other properties of the reals such as monotone convergence, Archimedean property, Bolzano-Weierstrass theorem; the topology of Euclidean spaces, compactness and the Heine-Borel theorem, connectedness, continuity and uniform continuity and uniform continuity, pointwise and uniform convergence of functions, and an introduction to metric spaces.

- **MATH-481 Complex Analysis I**

Prerequisites:

MATH 462

Credits:

4.00

Description:

Construction and properties of complex numbers, calculus in the complex plane, analytic functions, contour integrals and the basics of Cauchy theory, power series representations. Prerequisite: MATH 331 or instructor's consent.

- **MATH-503 Internship in Mathematics**

Prerequisites:

MATH 165 MATH 166 MATH 265 and at least one MATH courses 200 or above. Student must submit credit approval form and gain faculty approval.

Credits:

2.00- 4.00

Description:

Student works in a qualified mathematical corporation, industrial or educational setting gain practical experience in math related areas such as actuarial sciences, finance, math education. Student will apply lessons learned in the classroom within a supervised, professional development while developing a greater understanding of the job expectations and organizational culture. Internship may be taken for 2-4 academic credit hours, at 4 hours of company work per week per each credit. Additional academic reports with be required. Students may take more than one internship, but the total number of credits applied toward graduation cannot exceed 12.

Type:

Expanded Classroom Requirement

- **MATH-510 Independent Study**

Credits:

4.00

Description:

Members of the department will hold conference hours with students and will direct their readings and study of topics in mathematics which may be of interest to them. Prerequisite: Consent of instructor. 1 term - credits to be arranged.

- **MATH-R104 Recitation for Pre-Calculus for Management and Social Sciences**

Prerequisites:

Appropriate Math Placement Exam score. Must be taken concurrently with MATH 104

Credits:

0.00

Description:

Taken simultaneously with Math 104. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

- **MATH-R128 Recitation for Math for the Modern World**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Must be taken concurrently with MATH 128. This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

Credits:

0.00

Description:

Hands on problem solving, discussion and examples of Math for the Modern World.

- **MATH-R130 Recitation for Finite Mathematics**

Prerequisites:

MATH 104 or appropriate math placement score. Must be taken concurrently with MATH 130

Credits:

0.00

Description:

Taken simultaneously with Math 130. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

- **MATH-R132 Recitation for Math-Art, Tool and Humanside**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Must be taken concurrently with MATH 132. This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

Credits:

0.00

Description:

Taken simultaneously with Math 132. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

• MATH-R134 Recitation for Calculus for Management And Social Sciences

Prerequisites:

MATH 104 or appropriate math placement score. Must be taken concurrently with MATH 134.

Credits:

0.00

Description:

Taken simultaneously with Math 134. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

2014-2015 Archived Catalog Information

Mathematics

The Mathematics majors provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in Computer Science, Engineering, Economics or Finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing graduate studies.

The department offers two majors: pure mathematics and applied mathematics with a concentration in economics/finance. The department also offers minors in Mathematics and in Actuarial Science, which can be used to complement a major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

• STATS-240 Introduction to Statistics

Prerequisites:

Math 128 or higher.

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. Prerequisite: Math 130 or higher. 1

term - 4 credits (4 hours per week). Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-H250 Honors Applied Statistic**

Prerequisites:

MATH 130, 134, 146, or 165; Honors Course; GPA of 3.2

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial

and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Quantitative Reasoning

- **STATS-350 Applied Statistical Methods**

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

- **STATS-R240 Statistics Recitation**

Credits:

0.00

Description:

This course is taken as a co-requisite to Stats240. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. On alternate weeks students work on individual and group homework.

2014-2015 Archived Catalog Information

Medical Dosimetry Certificate

The Physics & Engineering Department provides a rigorous and comprehensive education to students interested in pursuing careers in medical dosimetry. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Medical Dosimetry](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Courses](#)

Certificate Requirements: 19 courses plus corresponding laboratory classes and clinical hours, 62 credits

- PHYS-206 Introduction to Radiation Oncology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

- **PHYS-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

- **PHYS-L313 Medical Dosimetry Rotation III**

Prerequisites:

PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

• **PHYS-L314 Medical Dosimetry Practicum**

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **PHYS-315 Radiation Physics I**

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **PHYS-415 Dosimetry I**

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **PHYS-L415 Dosimetry I Lab**

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **PHYS-416 Radiation Biology**

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **PHYS-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

- **PHYS-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **PHYS-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **PHYS-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

- **PHYS-450 Dosimetry Systems and Networking and Quality Assurance**

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **PHYS-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

Choose one of the following Biostatistics courses:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

- **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Choose one of the following Ethics courses:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Required Clinical Hours:

16 hours per week; Semester 2, Year 1

40 hours per week; 13 week Summer Session

24 hours per week, Year 2

2014-2015 Archived Catalog Information

Medical Dosimetry Certificate

The Physics & Engineering Department provides a rigorous and comprehensive education to students interested in pursuing careers in medical dosimetry. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Medical Dosimetry](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Courses](#)

- **PHYS-206 Introduction to Radiation Oncology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **PHYS-315 Radiation Physics I**

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

• PHYS-415 Dosimetry I

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

• PHYS-416 Radiation Biology

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **PHYS-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

- **PHYS-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **PHYS-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **PHYS-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

- **PHYS-450 Dosimetry Systems and Networking and Quality Assurance**

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **PHYS-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

- **PHYS-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

- **PHYS-L313 Medical Dosimetry Rotation III**

Prerequisites:

PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

- **PHYS-L314 Medical Dosimetry Practicum**

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• **PHYS-L415 Dosimetry I Lab**

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

2014-2015 Archived Catalog Information

Music History

The Music History major and Music History minor are available through the Department of World Languages and Cultural Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Music History Courses](#)

Major Requirements: 10 courses, 40 credits

Foundation Requirement (2 courses, 8 credits)

- MUH-101 History of Music I

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-102 History of Music II**

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Advanced Courses (8 courses, 32 credits)

Music Courses (6-8 courses, 24-32 credits)

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-510 Independent Study**

Credits:

1.00- 4.00

Description:

Substantive reading/research in area of special interest directed by a faculty member.

Related Options (A maximum of 2 courses, 8 credits)

- **MUH-110 Music Theory**

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Or choose any [Art History](#) course offering at 200-level or above

Notes:

- AP Credit: not applicable.
- A maximum of 3 courses taken at other institutions or as part of a study abroad program may be applied toward the major.
- Independent Study (MUH-510) may be taken only once (permission required).

2014-2015 Archived Catalog Information

Music History

The Music History major and Music History minor are available through the Department of World Languages and Cultural Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Music History Courses](#)

Minor Requirements: 6 courses, 24 credits

Foundation Requirements (2 courses, 8 credits)

- MUH-101 History of Music I

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-102 History of Music II**

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Advanced Courses (4 courses, 16 credits)

Music Courses (3 or 4 courses, 12-16 credits)

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Related Options (maximum of 1 course)

- MUH-110 Music Theory

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Or choose any [Art History](#) course offering at 200-level or above

Notes:

- AP Credit: not applicable
- A maximum of 2 courses taken at other institutions or as part of a study abroad program may apply toward the minor.

Additional Rubrics:

- Any Seminar for Freshmen with a strong music component (50% or more of course content) may count toward the minor program with approval of the student's advisor.

2014-2015 Archived Catalog Information

Music History

The Music History major and Music History minor are available through the Department of World Languages and Cultural Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Music History Courses](#)

Students interested in honors should consult with the department chair during the spring semester of their junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 GPA in music history courses.

Honors candidates should register for Music History-502 in the fall semester of the senior year. Under the guidance of a faculty member they will use this course to complete a research paper, which will be evaluated by all the professors in the student's field of study. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

- MUH-502 Honors Thesis in Music History

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Type:

Humanities & History, Humanities Literature Requirement

2014-2015 Archived Catalog Information

Music History

The Music History major and Music History minor are available through the Department of World Languages and Cultural Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Music History Courses](#)

- MUH-101 History of Music I

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-102 History of Music II**

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-110 Music Theory**

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-212 Popular Music in the United States**

Credits:

4.00

Description:

This course covers various popular music styles that emerged in the United States of America in the twentieth century, including blues, music theater, jazz, country, rock and hip-hop. In addition to representative musical selections, emphasis will be placed on various social and cultural factors that helped foster these new popular music styles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-502 Honors Thesis in Music History**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-510 Independent Study**

Credits:

1.00- 4.00

Description:

Substantive reading/research in area of special interest directed by a faculty member.

2014-2015 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Major Requirements: 9 courses, 36 credits

All majors in philosophy, Bachelors of Arts as well as Bachelors of Science, with the exception of those in the applied ethics concentration, are required to take the following.

Core Courses (6 courses, 24 credits):

- PHIL-210 History of Ancient & Medieval Philosophy

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-211 History of Modern Philosophy

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-515 Senior Symposium

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

4.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term

Choose 1 course at the 400-level

Choose one of the following courses:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits.
Normally offered every year.

Term:

Occasional

Type:

Quantitative Reasoning

Choose one of the following courses:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits.
Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

• PHIL-127 Contemporary Moral Issues

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Elective Courses (3 courses, 12 credits)

Students are required to take 3 additional courses selected with the help of an advisor. At least 1 of these additional courses should be at the 200-level or higher and 1 should be at the 300-level or higher. A detailed program suited to the needs of the individual student will be developed for each Philosophy major.

2014-2015 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Concentration Requirements: 9 courses, 36 credits

This concentration is intended to train students to think systematically and critically about the social, moral, and political intricacies of public policy. Areas of study include business ethics, environmental ethics, medical and bioethics, the philosophy of law, the philosophy of race and gender, moral questions in the conduct of war, democracy and the war on terrorism, and others.

In addition to a rigorous training in the history of ethics and social thought, students who choose this concentration will be required to take 2 applied ethics classes and complete an internship or residency. Possible internship sites include hospital ethics boards, the MA ethics commission, non-profits promoting equal access to housing and education, and many more placements. The internship requirement is meant to help students integrate their theoretical studies with real world experience, and will be closely supervised by the department's faculty.

Graduates of the Applied Ethics concentration will be especially well prepared for careers in government, public policy, and non-profit organizations. They will also be in an excellent position to apply to law school, and to graduate programs in the humanities and social sciences.

Requirements for the Applied Ethics concentration supersede all other requirements for the major:

Choose one of the following:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Reasoning

Students must take the following 3 courses:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Choose 2 courses in Applied Ethics, at least one of which must be 200-level or higher:

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-251 Philosophy of Race & Gender**

Credits:

4.00

Description:

Prejudice of many kinds, such as racism and sexism, is so embedded in our social institutions, and is so traditional and pervasive that we often fail to notice it. In this course, we will deal with the history and nature of racism and sexism, as well as with possible solutions to these problems, including affirmative action and busing. Also to be discussed will be homosexuality, pornography and sex roles. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

Type:

Cultural Diversity Opt A

- **PHIL-319 Topics in Applied Ethics**

Prerequisites:

PHIL 119, or 123 or 127

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

Type:

Cultural Diversity Opt B

• PHIL-362 Environmental Ethics

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

• PHIL-363 Bio and Medical Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every third year.

Term:

Occasional

• PHIL-364 Business Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127

Credits:

4.00

Description:

An examination of the ethical questions in the working life and policies of the business and professional sectors of society. The focus will vary, but common themes will include: the role of commerce in civil society; the relation of business to conceptions of economic and social justice; the meaning and application of codes of ethics; obligations of corporations and professional organizations to shareholders and stakeholders; responsibilities to clients and colleagues; workplace conduct; the nature of success and conflicts between legal and moral obligations; the impact of globalization. The course will employ a variety of readings, including ethical theory and specific case studies. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every other year.

Term:

Occasional

Choose 1 course in political or legal thought:

- PHIL-250 Social & Political Philosophy

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- PHIL-253 The Philosophy of America

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Choose one senior symposium course:

- **PHIL-513 Internship in Applied Ethics**

Prerequisites:

Prerequisite: PHIL 119 or 123 or 127 and consent of instructor

Credits:

4.00

Description:

Students in this course will serve as interns in a department-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to issues in applied ethics. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a journal and a research project. PHIL 119 or 123 or 127 and consent of instructor. 1 term -4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **PHIL-515 Senior Symposium**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

4.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term

2014-2015 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Courses (2 courses, 8 credits)

Choose one of the following courses:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Choose one of the following courses:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Elective Courses (3 courses, 12 credits)

Choose 3 additional courses, 2 of which should at the 200-level or higher.

2014-2015 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

In order to be eligible for honors in Philosophy students must satisfy the following criteria:

1. Students must major in Philosophy and have an overall GPA of 3.5, and a 3.5 GPA in Philosophy courses.
2. Candidates must complete either two years of language study by graduation or PHIL-212 (Formal Logic) and PHIL-423 (Advanced Formal Logic) or the equivalent in exceptional cases.
3. Candidates should consult with the chair of the Philosophy department at the beginning of their junior year in order to apply for admission to the honors program in philosophy. They must find a thesis supervisor by the end of their junior year.
4. Honors candidates must take a minimum of two 400-level courses.
5. Honors candidates should register for PHIL-515 (Senior Symposium) during the second half of their senior year. They must coordinate their thesis work (guided by their chosen supervisor) with the instructor in PHIL-515. For honors students, this course will entail completion of a major research paper, based on a proposal developed in PHIL-514. Research papers will be read and evaluated by the faculty of the department. Honors students will then defend their papers in individual sessions with the faculty. Honors will be awarded by a majority vote of the faculty.

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Reasoning

- **PHIL-423 Advanced Formal Logic**

Prerequisites:

Prerequisite: PHIL 212 or consent of instructor.

Credits:

4.00

Description:

In this course, students will put to work the logical theory developed in Formal Logic (Phil 212). In particular, students will use First-Order Logic to investigate computability and computation theory. Goedel's First and Second Incompleteness Theorems are a particular focus in the course.

Prerequisite: PHIL 212 or consent of instructor. 1 term -4 credits. Normally offered alternate years.

Term:

Occasional

- **PHIL-514 Advanced Topics in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or PHIL 211 and consent of instructor.

Credits:

4.00

Description:

Students with sufficient background in philosophy and a special interest in areas of philosophy which cannot be covered in regularly offered courses will be guided by senior members of the Department. Students working on Honors in Philosophy must take this course in the first semester of their senior year to prepare a thesis proposal. PHIL 210 or PHIL 211 and consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

• **PHIL-515 Senior Symposium**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

4.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term

2014-2015 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Phi Sigma Tau Philosophy Honor Society

Phi Sigma Tau, the National Honor Society for Philosophy, established its Massachusetts Beta Chapter at Suffolk in 1965. Active membership is open to students who have reached junior standing, and who have completed at least six courses in philosophy at Suffolk with an average of 3.3, plus a cumulative average of 3.0.

2014-2015 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

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- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-H115 Honors Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-H119 Honors Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

- **PHIL-E119 Service Learning Component**

Prerequisites:

PHIL-119 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

Type:

Expanded Classroom Requirement

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues. All students in this course will engage in service learning with placement in governmental or non-governmental organizations to explore how the issues discussed in class are reflected in actual policy activities.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-H123 Honors Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc.

Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

- **PHIL-E123 Service Learning Component**

Prerequisites:

PHIL-123 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

Type:

Expanded Classroom Requirement

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

• **PHIL-E127 Service Learning Component**

Prerequisites:

PHIL-127 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

Type:

Expanded Classroom Requirement

• **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-211 History of Modern Philosophy

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-212 Formal Logic

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Reasoning

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-223 Philosophy in Literature**

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

Type:

Cultural Diversity Opt A,Cultural Diversity BFA

• PHIL-235 The Meaning of Life

Credits:

4.00

Description:

The question about the meaning of life is among the oldest and most perplexing questions of humanity. What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our own destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? While our main focus will be philosophical, students will also explore the multiplicity of perspectives on life-meaning through the works of artists, poets, theologians, and psychologists. We will approach the question of the meaning of life both as an exciting intellectual endeavor and an existential challenge of great practical importance.

• PHIL-250 Social & Political Philosophy

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-251 Philosophy of Race & Gender

Credits:

4.00

Description:

Prejudice of many kinds, such as racism and sexism, is so embedded in our social institutions, and is so traditional and pervasive that we often fail to notice it. In this course, we will deal with the history and nature of racism and sexism, as well as with possible solutions to these problems, including affirmative action and busing. Also to be discussed will be homosexuality, pornography and sex roles. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

Type:

Cultural Diversity Opt A

• PHIL-253 The Philosophy of America

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-255 Science, Myth, and Society

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-260 Philosophy of Religion**

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

• PHIL-262 Buddhism

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Expanded Classroom Requirement

• PHIL-263 Native American Religion

Credits:

4.00

Description:

This course is an examination of Native American (Indian) religious experience, both the similarities and differences among the myths and rituals of the major tribes which comprise the background of our nation's history of Western migration and settlement. The emphasis will be on understanding how life was experienced by these peoples through a close look at the philosophical meanings of their mythology and ethics. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

Type:

Cultural Diversity Opt A

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity BFA,Cultural Diversity Opt A

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **PHIL-309 Philosophy of Freedom**

Prerequisites:

Prerequisite: One Philosophy course or consent of instructor.

Credits:

4.00

Description:

Focuses on the paradoxical relationship between freedom and responsibility and how that affects our thinking about freedom in the individual, social and political sphere. Both classical and contemporary thinkers will be considered. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Offered Spring Term

- **PHIL-E309 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

Type:

Expanded Classroom Requirement

- **PHIL-314 20th Century Philosophy**

Prerequisites:

Prerequisite: PHIL 211 or consent of instructor.

Credits:

4.00

Description:

Examines one or more of the following major philosophical movements of this century: Pragmatism, Phenomenology, Existentialism, Logical Positivism, Analytic (Linguistic) Philosophy, Postmodernism and Critical Theory (Post-Analytic Philosophy). Prerequisite: PHIL 211 or consent of instructor. 1 term -4 credits. Normally offered alternate years.

Term:

Occasional

• PHIL-316 Existentialism

Prerequisites:

Prerequisite: One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

An overview of the existentialist tradition. Primary focus on issues and problems arising from the existentialist reaction to classical philosophy. Topics include: paradoxes and contradictions of human nature and human condition; radical freedom, commitment, and responsibility; existential anxiety, meaninglessness and the rejection of God; authenticity and self-deception; individuality and community. Philosophers to be discussed will include Kierkegaard, Nietzsche, Sartre, Camus, Dostoevsky, and Heidegger. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-317 Independent Research

Prerequisites:

Prerequisite: Consent of instructor.

Credits:

1.00- 4.00

Description:

This course focuses on philosophical research and writing. It is designed as an independent research course to allow students the opportunity to focus on a topic of their choice and develop critical skills in writing and research methods. Students will be required to produce a research paper of a length commensurate with the number of credits in the course, complete with abstract, thesis, outline, bibliography, and primary and secondary sources. Students will be expected to follow MLA guidelines. Prerequisite: Consent of instructor. 1 term -1-4 credits (variable). Normally offered on an as-needed basis.

Term:

Occasional

• PHIL-318 Philosophy of Law

Prerequisites:

Prerequisite: One course in Philosophy or Instructor's consent

Credits:

4.00

Description:

Readings may include a range of classical authors, such as Plato and Aquinas, as well as the works of such 20th-century legal philosophers as H.L.A. Hart, Dworkin and Rawls. Also included may be leading jurists such as Oliver Wendell Holmes and Learned Hand. Issues discussed may include the nature of law, its relation to justice, and how the legal system should operate to arrive at just decisions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

• PHIL-319 Topics in Applied Ethics

Prerequisites:

PHIL 119, or 123 or 127

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

Type:

Cultural Diversity Opt B

• PHIL-330 African Philosophy and Religion

Prerequisites:

One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

This course explores indigenous African systems of thought, modern academic African philosophy, African social and political theory, and contemporary debates centered on questions of identity, modernity, essentialism and historicity within the African context. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

Type:

Cultural Diversity Opt B

- **PHIL-362 Environmental Ethics**

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

- **PHIL-363 Bio and Medical Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every third year.

Term:

Occasional

- **PHIL-364 Business Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127

Credits:

4.00

Description:

An examination of the ethical questions in the working life and policies of the business and professional sectors of society. The focus will vary, but common themes will include: the role of commerce in civil society; the relation of business to conceptions of economic and social justice; the meaning and application of codes of ethics; obligations of corporations and professional organizations to shareholders and stakeholders; responsibilities to clients and colleagues; workplace conduct; the nature of success and conflicts between legal and moral obligations; the impact of globalization. The course will employ a variety of readings, including ethical theory and specific case studies. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every other year.

Term:

Occasional

- **PHIL-401 History of Ethics and Political Philosophy 1: Ancient and Medieval**

Prerequisites:

PHIL-210 , PHIL-211, 4 credits of a 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

A survey of major works and themes of moral and political philosophy from ancient Greece to the late medieval period. Topics covered will include the nature of moral duties, the connection between happiness and morality, citizenship and virtue, the meaning of a good life, the attractions and limitations of moral relativism, the foundations of legitimate government, arguments for and against democracy, realism and idealism in statecraft, and the relationship between law and ethics. Authors may include the Pre-Socratic thinkers, Plato, Aristotle, Cicero, Augustine, and Aquinas, among others. Prerequisite: Consent of instructor. 1 term -4 credits. Normally offered every year in the fall.

Term:

Offered Fall Term

- **PHIL-402 History of Ethics & Political Philosophy II**

Prerequisites:

PHIL-210, PHIL-211, 1 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

A continuation of PHIL 401, covering the early modern era to the dawn of the 20th century. Authors may include Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, Marx, and Nietzsche, among others. Prerequisite: Consent of instructor. 1 term -4 credits. Normally offered every year in the spring.

Term:

Offered Spring Term

- **PHIL-414 Topics in Philosophy**

Credits:

4.00

Description:

A detailed exposition and evaluation of a specific topic or of the views of one major philosophical thinker or group of thinkers. Readings from both primary and secondary sources. Prerequisite: PHIL 210 or 211 or consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-416 Plato: Profiles in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or consent of instructor.

Credits:

4.00

Description:

A detailed study of Platonic texts and issues. Works studied will vary but will often include dialogues such as the Apology, Euthyphro, Phaedo, Republic, and Symposium. Themes may include, among others: the nature of philosophy and its relation to society; the dialogue form and the character of Socrates; the difference between truth and opinion; the meaning of virtue; justice and the ideal regime; the theory of forms and the nature of reality; love, death, and transcendence. Prerequisite: PHIL 210 or consent of instructor. 1 term ? 4 credits. Normally offered every third year.

• PHIL-418 Kant: Profiles in Philosophy

Prerequisites:

PHIL 211

Credits:

4.00

Description:

An examination of Kant's ethics and theory of knowledge, including the following topics: structures of our knowledge of nature and the empirical world; the limits of rationality; the possibility of any knowledge of God, the soul and other metaphysical entities; the antinomies (paradoxes) of pure reason; Kant's theory of unconditional morality based on duty; the idea of the categorical imperative; autonomy and universal moral law; the problem of evil. Selections from Kant's political writings will also be introduced. Prerequisite: PHIL 211 or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

• PHIL-423 Advanced Formal Logic

Prerequisites:

Prerequisite: PHIL 212 or consent of instructor.

Credits:

4.00

Description:

In this course, students will put to work the logical theory developed in Formal Logic (Phil 212). In particular, students will use First-Order Logic to investigate computability and computation theory. Goedel's First and Second Incompleteness Theorems are a particular focus in the course.

Prerequisite: PHIL 212 or consent of instructor. 1 term -4 credits. Normally offered alternate years.

Term:

Occasional

- **PHIL-425 The Shield of Achilles: War and Peace From Troy to Sarajevo**

Prerequisites:

Take PHIL-119, PHIL-123, or PHIL-127; or Instructor's consent

Credits:

4.00

Description:

This course, co taught by Fred Marchant (English) and Nir Eisikovits (Philosophy) examines how literature, film, and other forms of cultural expression have made sense (or not) of war. Organized in an approximate chronological order, the works examined will be responses to ancient conflicts as well as to the wars of the last century (including the two World Wars, post-colonial struggles, and the contemporary war on terror.) Our goal in this endeavor will be broad cultural understanding of how we imagine, remember, forget, memorialize, and question the warfare of recent times.

Term:

Occasional

- **PHIL-440 Stay the Hand: Philosophical and Literary Readings on Law and Violence**

Credits:

4.00

Description:

An interdisciplinary course examining the idea of law and its function in human society, with a special focus on issues of violence, war, peace, and justice. The course will examine law as it represented, enacted, and discussed in various literary and philosophical writings from the ancient world to the present, to include various Biblical texts, Sophocles's Antigone, Aeschylus's Oresteia, Plato's Apology, Shakespeare's The Merchant of Venice, Melville's Billy Budd, Toni Morrison's Beloved, among many others.

Term:

Occasional

• PHIL-510 Independent Study

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Offered Both Fall and Spring

• PHIL-513 Internship in Applied Ethics

Prerequisites:

Prerequisite: PHIL 119 or 123 or 127 and consent of instructor

Credits:

4.00

Description:

Students in this course will serve as interns in a department-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to issues in applied ethics. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a journal and a research project. PHIL 119 or 123 or 127 and consent of instructor. 1 term -4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• PHIL-514 Advanced Topics in Philosophy

Prerequisites:

Prerequisite: PHIL 210 or PHIL 211 and consent of instructor.

Credits:

4.00

Description:

Students with sufficient background in philosophy and a special interest in areas of philosophy which cannot be covered in regularly offered courses will be guided by senior members of the Department. Students working on Honors in Philosophy must take this course in the first semester of their senior year to prepare a thesis proposal. PHIL 210 or PHIL 211 and consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

• PHIL-515 Senior Symposium

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

4.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term

- PHIL-HE123 Service Learning Component

Credits:

0.00

Description:

Service Learning Component

Type:

Expanded Classroom Requirement

- PPE-401 Political Economy

Prerequisites:

PHIL-119, PHIL-123, OR PHIL-127 and 2 of the following courses: GVT-110 GVT-225 EC-101 EC-102 PHIL-250 STATS-240 STATS-250 GVT-201 PHIL-212

Credits:

4.00

Description:

This interdisciplinary class brings together the fields of politics, philosophy, and economics at a high academic level. You will be confronted with hard questions about the sources, ends, and limits of government; the usefulness and troubles of free markets; the proper distribution of economic advantages in society; and what works best for building a just and efficient system of economic institutions.

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Cultural Diversity Opt B,Asian Studies,Diverse Perspectives

- **RS-301 Reason and Revelation**

Credits:

4.00

Description:

Traces the evolution of Judaism, Christianity and Islam to the High Middle Ages to explore the role of Neo-Platonism and Aristotelianism in clarifying and explaining dogma. Particular attention will be paid to ideas about the ways of knowing and rational proofs of God's existence in Philo of Alexandria, Augustine, Anselm, Ibn Rushd (Averroes), Aquinas and Maimonides. 1 term - 4 credits. Normally offered in alternate years.

- **RS-510 Independent Study**

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

2014-2015 Archived Catalog Information

Physics

The Department of Physics & Engineering offers a major and minors in physics, as well as an astrophysics concentration. Our students receive a thorough foundation in fundamental and applied physics - both theoretical and experimental - allowing them to develop the necessary skills for critical thinking, problem solving and scientific communication. An essential part of their training is the Senior Project that involves students working in internships or working with a faculty advisor on a thesis in physics or astrophysics.

Students are also trained to develop leadership skills through extracurricular activities organized by the department's chapter of the Society of Physics Students (SPS)--the student body of the American Institute of Physics. Students also learn about the role of physics in society, professional ethics, and the wide range of career options available to those who major in physics. Graduates of our program are able to launch successful careers in academia, private companies, and government organizations.

Radiation Science

A major in radiation science is available through a joint collaboration between the Department of Physics & Engineering and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements and course descriptions are shown in the [Radiation Science section](#) of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Major Requirements: 23 courses and corresponding laboratory classes, 90 credits

The department offers several programs leading to a BS, including:

- Physics

- Physics, with a concentration in astrophysics
- Radiation Science

In addition, the department offers post-baccalaureate certificates in Radiation Therapy and Medical Dosimetry.

A transfer student must see the chair of the department to determine which courses may be accepted for credit toward requirements of the physics major. A minimum of 16 hours of the core requirements must be taken at Suffolk University.

Core Requirements (14 courses plus corresponding laboratory classes, 54 credits)

• PHYS-151 University Physics I

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

• PHYS-L151 University Physics Lab I

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-333 Math Methods of Physics**

Prerequisites:

Take ECE-225 and ECE-L225;

Credits:

4.00

Description:

Applications of specific mathematical methods to problems in physics. Topics include complex analysis, integral transforms, eigenvalue problems, partial differential equations and group theory. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-361 Classical Mechanics I**

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-362 Classical Mechanics II

Prerequisites:

PHYS 361

Credits:

4.00

Description:

Mechanics in non-inertial frames, rotational motion of rigid bodies, coupled oscillations, nonlinear mechanics and chaos, Hamiltonian mechanics, collision theory, continuum mechanics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

• PHYS-431 Undergraduate Research in Physics

Credits:

4.00

Description:

This course provides a mechanism for students to receive academic credit for engaging in research. A faculty member in the physics department will serve as the research advisor for each student. This faculty advisor will have the primary responsibility for overseeing each individual student's work and will decide the grade for the course. The research project may be initiated by the student or by a faculty member.

Term:

Offered Spring Term

- **PHYS-477 Electricity and Magnetism**

Prerequisites:

PHYS-362

Credits:

4.00

Description:

Electrostatic field energy, methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy, plane waves, wave guides and cavity resonators. Interaction of charge particles with electromagnetic fields. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-453 Modern Physics**

Prerequisites:

PHYS-153;

Credits:

4.00

Description:

Topics include atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay and high energy physics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-461 Quantum Mechanics I

Prerequisites:

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-462 Quantum Mechanics II**

Prerequisites:

PHYS 461, PHYS 361 and PHYS 362.

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

- **PHYS-464 Statistical Physics**

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical

physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

- **PHYS-L455 Advanced Laboratory**

Prerequisites:

PHYS 451 and PHYS 452 or equivalent.

Credits:

2.00

Description:

Classical and modern experiments in physics; Experiments may include Frank Hertz experiment, Hall effect, nuclear magnetic resonance, quantum dots, detection of muons, x-ray spectroscopy, ellipsometry, physics of timbre of musical instruments, data acquisition.

Term:

Offered Fall Term

Choose 1 Physics elective.

Math and Basic Science Corequisites (9 courses plus corresponding laboratory classes, 36 credits)

Choose 2 courses and the corresponding laboratory from the following options:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **CHEM-L112 General Chemistry II Lab**

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Choose 1 [Science](#) elective (Science course 200-level or higher).

Choose the 5 courses below and the corresponding laboratory where applicable.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-265 Calculus III

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• ECE-101 Digital Electronics

Prerequisites:

ECE L101 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

This course introduces the elements and tools of digital design. The course covers Boolean algebra, Karnaugh maps, Logic gates and digital circuits, analysis and design of combinational and sequential circuits, and timing issues. Adders, decoders, multiplexers, flip-flops, counters, and registers are implemented using TTL or CMOS ICs as well as VHDL-programmed FPGAs. Formerly ECE 203

Term:

Offered Fall Term

- **ECE-L101 Digital Electronics-Lab**

Prerequisites:

ECE 101 MUST BE TAKEN CONCURRENTLY.

Credits:

1.00

Description:

Illustrates the concepts of ECE-101. Exercises in various forms of Combinational and Sequential Logic design. Use of test equipment. Design projects will include a digital security system, use of PSPICE to verify feasibility of some designs. FPGA board citing Xilinx, software development tools from Xilinx and other third parties are introduced. Offered yearly. Formerly ECE L203

Term:

Offered Fall Term

- **CMPSC-F131 Computer Science I**

Prerequisites:

Must be taken concurrently with CMPSC R131

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

Type:

Choose 1 of the following courses and corresponding laboratory if applicable:

- **ENS-333 Programming for Engineers**

Prerequisites:

ENS L333 concurrently

Credits:

3.00

Description:

This course will introduce programming concepts in the context of solving engineering problems. Emphasis will be placed on applying the high-level programming skills learned to particular platforms such as embedded systems. Students will implement various microcontroller programming exercises as well as an end of the semester project.

Term:

Offered Spring Term

- **ENS-L333 Programming for Engineers Lab**

Prerequisites:

ENS 333 concurrently

Credits:

1.00

Description:

The Programming for Engineers lab is designed to supplement the Programming for Engineers Course.

- **CMPSC-F132 Computer Science II**

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduce another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

Type:

Quantitative Reasoning

2014-2015 Archived Catalog Information

Physics

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Students are also trained to develop leadership skills through extracurricular activities organized by the department's chapter of the Society of Physics Students (SPS)--the student body of the American Institute of Physics. Students also learn about the role of physics in society, professional ethics, and the wide range of career options available to those who major in physics. Graduates of our program are able to launch successful careers in academia, private companies, and government organizations.

Radiation Science

A major in radiation science is available through a joint collaboration between the Department of Physics & Engineering and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements and course descriptions are shown in the [Radiation Science section](#) of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Students may choose a concentration in astrophysics, a program which requires the courses shown below and a trip to Suffolk's Madrid campus. In particular, students must spend Summer Session I following their junior year and the fall semester of their senior year in Madrid to take upper-level courses in astrophysics. These courses will include trips to the Canary Islands to take data at one of the world's major astronomical observatories, the Tenerife Observatory. The Senior Project will involve either an internship in astrophysics or a thesis in the area of astrophysics.

Bachelor of Science in Physics - Astrophysics Concentration requirements: 23 courses plus corresponding laboratory classes, 90 credits

Core Requirements (15 courses, 58 credits)

- PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and

integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

• **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

- **PHYS-205 Introduction to Astrophysics**

Prerequisites:

Prerequisite: PHYS 151-152

Credits:

4.00

Description:

An introduction to the concepts and methods of astrophysics; including a history of astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors, space programs, science and technology in society. Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology.

Term:

Offered Fall Term

- **PHYS-361 Classical Mechanics I**

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-362 Classical Mechanics II**

Prerequisites:

PHYS 361

Credits:

4.00

Description:

Mechanics in non-inertial frames, rotational motion of rigid bodies, coupled oscillations, nonlinear mechanics and chaos, Hamiltonian mechanics, collision theory, continuum mechanics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

- **PHYS-381 Observational Astronomy**

Prerequisites:

PHYS 151 AND PHYS 152 OR PHYS 153.

Credits:

2.00- 3.00

Description:

The topics covered include theoretical foundations of observational astronomy, designs of telescopes, instrumentation for telescopes, data acquisition and management, as well as practical problems in observational astronomy. Offered together with the laboratory component PHYS L381.

- **PHYS-L381 Laboratory Research Assistantship III**

Prerequisites:

Permission of Dept. Chair Required

Credits:

1.00- 2.00

Description:

This is a laboratory based research experience which involves teams of students assisting faculty in Physics/Astronomy research projects. Students will participate in an intensive laboratory training period in the Canary Islands and will follow through with research work in consultation with faculty based in the Madrid and Boston campuses. A final paper and presentation is required. Permission of department chair is required for registration and determination of course credits.

- **PHYS-477 Electricity and Magnetism**

Prerequisites:

PHYS-362

Credits:

4.00

Description:

Electrostatic field energy, methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy, plane waves, wave guides and cavity resonators. Interaction of charge particles with electromagnetic fields. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-453 Modern Physics**

Prerequisites:

PHYS-153;

Credits:

4.00

Description:

Topics include atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay and high energy physics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-461 Quantum Mechanics I**

Prerequisites:

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These

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Term:

Offered Fall Term

• PHYS-462 Quantum Mechanics II

Prerequisites:

PHYS 461, PHYS 361 and PHYS 362.

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

• PHYS-464 Statistical Physics

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

- **PHYS-463 Stellar Astrophysics**

Prerequisites:

Prerequisite: PHYS 451-452, PHYS 461-462 1 term - 4 credits

Credits:

4.00

Description:

Physics of stars. Stellar atmospheres. Stellar interiors. Stellar evolution.

Term:

Summer

- **PHYS-L455 Advanced Laboratory**

Prerequisites:

PHYS 451 and PHYS 452 or equivalent.

Credits:

2.00

Description:

Classical and modern experiments in physics; Experiments may include Frank Hertz experiment, Hall effect, nuclear magnetic resonance, quantum dots, detection of muons, x-ray spectroscopy, ellipsometry, physics of timbre of musical instruments, data acquisition.

Term:

Offered Fall Term

- **PHYS-431 Undergraduate Research in Physics**

Credits:

4.00

Description:

This course provides a mechanism for students to receive academic credit for engaging in research. A faculty member in the physics department will serve as the research advisor for each student. This faculty advisor will have the primary responsibility for overseeing each individual student's work and will decide the grade for the course. The research project may be initiated by the student or by a faculty member.

Term:

Offered Spring Term

Math and Science Corequisites (8 courses, 32 credits)

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications(curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **CMPSC-F131 Computer Science I**

Prerequisites:

Must be taken concurrently with CMPSC R131

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

Type:

Quantitative Reasoning

• CMPSC-F132 Computer Science II

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduce another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

Type:

Quantitative Reasoning

Choose 1 [Science](#) elective (Science course 200-level or higher).

Choose 2 courses and the corresponding laboratory from the following options:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in

workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry II Lab

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- BIO-L111 Introduction to the Cell Laboratory

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

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Physics

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Students are also trained to develop leadership skills through extracurricular activities organized by the department's chapter of the Society of Physics Students (SPS)--the student body of the American Institute of Physics. Students also learn about the role of physics in society, professional ethics, and the wide range of career options available to those who major in physics. Graduates of our program are able to launch successful careers in academia, private companies, and government organizations.

Radiation Science

A major in radiation science is available through a joint collaboration between the Department of Physics & Engineering and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements and course descriptions are shown in the [Radiation Science section](#) of this catalog.

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- [Astrophysics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Minor Requirements: 5 courses plus corresponding laboratory classes, 20 credits

Students may elect a minor program in physics by completing a total of 5 courses and their labs (20 credits) in the department. The suggested courses are as follows:

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• PHYS-153 University Physics III

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Choose one of the following courses:

- **PHYS-205 Introduction to Astrophysics**

Prerequisites:

Prerequisite: PHYS 151-152

Credits:

4.00

Description:

An introduction to the concepts and methods of astrophysics; including a history of astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors, space programs, science and technology in society. Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology.

Term:

Offered Fall Term

- **PHYS-361 Classical Mechanics I**

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

Choose one of the following courses:

- **PHYS-461 Quantum Mechanics I**

Prerequisites:

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-464 Statistical Physics**

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

Most of these courses have substantial mathematics prerequisites (Calculus I, II, Multivariable Calculus) so it might not be possible for a non-science major to minor in physics.

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The honors program is designed to prepare students for graduate school in physics. It is designed to provide these students with additional training for standardized examinations required for graduate school and give them exposure to graduate-level coursework.

Requirements

Students may enroll starting in the beginning of sophomore year, with permission of the departmental honors committee, and must meet the following requirements:

1. The student must maintain a minimum 3.4 grade point average in the mathematics and science requirements for the major and must also complete at least 15 of these credits at Suffolk University.
2. The student must successfully complete a competency exam administered by the department at the end of the junior year. The examination covers all technical courses required for the major, taken by the student up to and including that semester. The test consists of problems selected from all of the main topics in each course. A three-person honors committee will assist students in preparing for the examination.
3. At the end of the senior year, the student must pass an oral examination administered by the honors committee.
4. The student must complete additional coursework in the form of “PHYS-533 Special Topics in Physics” to help prepare for graduate school in physics.

• **PHYS-533 Special Topics in Physics**

Prerequisites:

PHYS 333, PHYS 361, PHYS 362, PHYS 461, PHYS 477

Credits:

2.00- 4.00

Description:

This is an advanced course in physics intended to introduce students to frontier areas in physics. The course is a requirement for departmental honors students. Topics are chosen from quantum field theory, condensed matter physics, high energy physics, astrophysics, quantum computing. Credit hours are adjusted based on the range and depth of topics that are covered.

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Sigma Pi Sigma

The Suffolk University Chapter of the National Society of Physics Students was established in 1979. Election to Sigma Pi Sigma membership is conducted by the active Sigma Pi Sigma members. To be eligible, a student does not have to be a physics major but must rank in the upper 20% of his/her class, have a minimum cumulative grade point average of 3.0, and a physics grade point average of 3.3.

Society of Physics Students

The Society of Physics Students (SPS) is the student wing of American Institute of Physics (AIP). As a professional student association, it is focused on helping students develop the well-rounded skillset needed to succeed beyond the classroom. The Suffolk University chapter is open to any Suffolk student interested in physics. This network connects students across 200 colleges nationwide, many of which are right here in Boston. SPS provides and supports opportunities for students to develop professionally by attending conferences and workshops, organizing conferences, and participating in internship programs. It recognizes the need for students to develop leadership skills and experience in science outreach activities while they are in an undergraduate program.

The SPS helps students become contributing members of the professional community. Course work develops only one range of skills. Other skills needed to flourish professionally include effective communication and personal interactions, leadership experience, establishing a personal network of contacts, presenting scholarly work in professional meetings and journals, and providing outreach services to the campus and local communities.

2014-2015 Archived Catalog Information

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- MS-101 Principles of Cancer Management

Prerequisites:

Radiation Biology major only or permission of instructor.

Credits:

4.00

Description:

This course will introduce the students to the twelve major cancers. Topics to be covered for each cancer include etiology, epidemiology, detection, diagnosis, and prevention as well as the psychosocial aspects of being diagnosed with cancer. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy and immunotherapy, bone marrow transplants, and the use of clinical trials. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: models, videos, guest lectures, radiation therapy departmental tour, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through quizzes, exams and an oral presentation.

Term:

Offered Fall Term

- **MS-111 Introduction to Medical Dosimetry**

Credits:

4.00

Description:

This course will serve as a detailed introduction to the medical dosimetry profession and how it fits into the Radiation Oncology department framework. The professional relationships, responsibilities and qualifications of the medical dosimetrist and other staff will be examined. The scope of practice and code of ethics from the American Association of Medical Dosimetrists (AAMD) will be discussed in detail as well as the role of other professional organizations. The policies and procedures governing the medical dosimetry program in relation to the standards set by the Joint Review Committee on Education in Radiologic Technology (JRCERT) will also be reviewed. Other topics to be covered in order to prepare students for entry into their clinical rotations will include radiation safety, patient rights, privacy laws, infection control and an overview of department workflow starting from diagnosis through treatment and beyond. Finally, students will receive detailed instruction on basic hand calculations as these will form the basis of the start of their clinical rotations in the following semester.

Term:

Offered Fall Term

- **MS-200 Introduction to Medical Sciences**

Prerequisites:

Acceptance into the clinical track or post-bac program.

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

• MS-299 Intro to Clinical Radiation

Prerequisites:

MS 101; Acceptance into clinical track or post-bac program

Credits:

4.00

Description:

This course will combine hands-on laboratory exercises, case studies, detailed lectures and discussions to introduce the student to radiation therapy. Topics to be covered include: history of x-rays, x-ray production, professional societies, departmental staff and structure, proper body mechanics, infection control, basic nursing/patient care and emergency procedures, patient communication, medical chart interpretation, linear accelerator operation, radiation safety, basic radiation therapy treatment techniques, basic medical terminology, and death and dying.

Term:

Offered Fall Term

• MS-301 Clinical Radiation I

Prerequisites:

BIO 204 and MS 200

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **MS-L301 Clinical Radiation Lab I**

Prerequisites:

MS 301 concurrently

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **MS-302 Clinical Radiation II**

Prerequisites:

MS 301

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **MS-L302 Clinical Radiation II Lab**

Prerequisites:

Students must take MS 302 concurrently

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

- **MS-303 Clinical Radiation III**

Prerequisites:

MS 302

Credits:

3.00

Description:

For the senior radiation therapy student, through a systems-based approach, this course will emphasize advanced radiation treatment techniques, including patient simulation, immobilization, contouring, and beam modification. The course will also cover radiation therapy quality assurance, medical law, and medical ethics.

Term:

Offered Spring Term

- **MS-L303 Clinical Radiation III Lab**

Prerequisites:

MS 303 concurrent

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **MS-L304 Clinical Practicum for Radiation Therapy**

Prerequisites:

Take MS-301 MS-L301;

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

Type:

Expanded Classroom Requirement

• MS-310 Clinical Practicum I

Prerequisites:

MS 301 and MS L301

Credits:

1.00

Description:

Student radiation therapists and student dosimetrists will spend fourteen weeks (full-time, 40 hrs/wk) gaining hands-on patient care experience in the Department of Radiation Oncology at our clinical affiliates. Under constant supervision by licensed therapists and certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment and planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **MS-L311 Clinical Dosimetry Rotation I**

Prerequisites:

MS-L111 and take MS-301 concurrently

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

- **MS-L312 Clinical Dosimetry Rotation II**

Prerequisites:

Take MS-L311 and MS-302 concurrently

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

- **MS-L313 Clinical Dosimetry Rotation III**

Prerequisites:

MS-L312 and MS-303 concurrently

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

- **MS-L314 Clinical Practicum for Dosimetry**

Prerequisites:

Take MS-301 and MS-L311;

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **MS-315 Radiation Physics I**

Prerequisites:

PHYS 112, BIO 111, and MATH 134 or higher AND MS L315 CONCURRENTLY

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **MS-L315 Radiation Science Lab**

Prerequisites:

MS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

- **MS-317 Radiation Physics II**

Prerequisites:

MS 315

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **MS-415 Clinical Dosimetry**

Prerequisites:

MS 315;MSL415 concurrently

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **MS-L415 Clinical Dosimetry Lab**

Prerequisites:

MS 315, MS L315, MS 415 concurrently

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **MS-416 Radiation Biology**

Prerequisites:

Take BIO 403, MS 315 and MS L315.

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- MS-417 Clinical Dosimetry II

Prerequisites:

MS 415

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

- MS-420 Oncology and Pathology

Prerequisites:

BIO 204, MS 302 must be taken concurrently

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **MS-422 Radiology for Radiation Therapy**

Prerequisites:

BIO 204 & BIO L204: may also be taken concurrently

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing X-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **MS-430 Senior Seminar**

Prerequisites:

Available to Senior students in the Medical Science's Radiation Therapy Clinical Track.

Credits:

2.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy Clinical Track. This seminar style course will serve three purposes; one will be to assist the senior students with the completion of the more advanced ARRT clinical competency requirements including, but not limited

to, CSI, Mantle, and Paraaortic fields. This portion of the seminar will be conducted in a laboratory setting using our Phantom Patient. It's second purpose will be to prepare our graduating students for the ARRT's National Registry Exam. Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock registry exams and a full-length mock registry exam. Lastly, the seminar will assist the students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

Term:

Offered Spring Term

- **MS-435 Brachytherapy**

Prerequisites:

MS-417;

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

- **MS-450 Dosimetry Systems and Networking**

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as

MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **MS-455 Advanced Radiation Treatment Techniques**

Prerequisites:

MS 302 & RT Clinical Student

Credits:

1.00

Description:

For the senior radiation therapy student, this course will emphasize advanced radiation treatment techniques, including patient simulation, immobilization, contouring, beam modification, as well as special procedures.

- **MS-465 Senior Seminar for Medical Sciences**

Prerequisites:

Senior status

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **MS-510 Independent Study**

Prerequisites:

Seniors Only; permission of program director

Credits:

1.00- 7.00

Description:

Under special circumstances, seniors may be allowed to pursue studies in areas of particular interest to them. By special arrangement, members of the Medical Sciences Committee will schedule discussion sessions, assign projects and provide guidance and feedback. A paper & oral presentation are required.

Term:

Offered Both Fall and Spring

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and Concurrently with PHYS L112

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHYS-L112 College Physics Lab II

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHYS-151 University Physics I

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-L151 University Physics Lab I

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

- **PHYS-205 Introduction to Astrophysics**

Prerequisites:

Prerequisite: PHYS 151-152

Credits:

4.00

Description:

An introduction to the concepts and methods of astrophysics; including a history of astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors, space programs, science and technology in society. Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology.

Term:

Offered Fall Term

- **PHYS-206 Introduction to Radiation Oncology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

- **PHYS-213 Introduction to Earth & Planetary Interiors**

Prerequisites:

CHEM-111 and CHEM-112 OR PHYS-111 and PHYS-112

Credits:

4.00

Description:

This course introduces science majors to the constitution, composition, and energetics of the Earth's interior. It includes several important topics in Earth and planetary sciences, such as the geomagnetic field and the geodynamo, concepts of seismic exploration, geophysical fluid dynamics, and applications of geophysical methods in exploration of energy resources. It also relates the inner dynamics of planets to their surface and atmospheric effects by including topics such as evolution of planetary tectonics using seismology, gravity, geodesy, magnetism, and heat flow; dynamics of water and carbon cycles; and the origin of water on Earth and Mars. This course welcomes basic science, environmental science, engineering, and math majors.

- **PHYS-215 Nanomaterials and the Energy Problem**

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **PHYS-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

• PHYS-L303 Radiation Therapy Rotation III

Prerequisites:

PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

• PHYS-L304 Radiation Therapy Practicum

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

Type:

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

- **PHYS-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

- **PHYS-L313 Medical Dosimetry Rotation III**

Prerequisites:

PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

- **PHYS-L314 Medical Dosimetry Practicum**

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **PHYS-315 Radiation Physics I**

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **PHYS-333 Math Methods of Physics**

Prerequisites:

Take ECE-225 and ECE-L225;

Credits:

4.00

Description:

Applications of specific mathematical methods to problems in physics. Topics include complex analysis, integral transforms, eigenvalue problems, partial differential equations and group theory. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures

they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-350 Planetary Materials**

Prerequisites:

PHYS-213

Credits:

4.00

Description:

This course provides an overview of the chemical and physical properties of the material constituents of the Earth and terrestrial planets, including minerals, rocks, lavas, and supercritical water. Topics include mineral structure and composition, bonding, optical properties, x-ray diffraction, phase transformations, and surface properties. The physics and chemistry of energy materials, synthetic nanomaterials will be included with emphasis/focus on energy resources, environmental impact, and geopolitical implications. There are no mandatory prerequisites for this course, but students who have taken introductory chemistry and/or physics will be familiar with some concepts discussed, and will find the going easier. Some background in Earth science is assumed (at the level of PHYS-213), and competence in basic chemistry is expected (some review will be provided where appropriate). The course is not mathematically intensive, but an appreciation of the fundamentals of calculus is important.

- **PHYS-360 Topics in Astrobiology and Life in Extreme Environments**

Prerequisites:

BIO-111 and PHYS-213

Credits:

4.00

Description:

The discovery of extreme environments and new insights into evolution, emergence and sustenance of life has expanded the view of life into a broader feasibility outside Earth. Discovery of exoplanets has opened up serious scientific exploration towards search for life in other planets. This upper-level course will introduce the scientific principles that underlie this newly evolving science of astrobiology. Discussion will include unique perspectives in life at extreme environments within Earth and their implication to the concepts of evolution and origins of life that form the basis for better understanding the habitability within our planet as well as any possibility of life in other planets.

• PHYS-361 Classical Mechanics I

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-362 Classical Mechanics II

Prerequisites:

PHYS 361

Credits:

4.00

Description:

Mechanics in non-inertial frames, rotational motion of rigid bodies, coupled oscillations, nonlinear mechanics and chaos, Hamiltonian mechanics, collision theory, continuum mechanics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

• PHYS-367 Observational Astronomy

Prerequisites:

Prerequisite: PHYS 361-362

Credits:

2.00

Description:

Astrophysical instrumentation. Astronomical observations. Reduction techniques.

Term:

Summer

• PHYS-381 Observational Astronomy

Prerequisites:

PHYS 151 AND PHYS 152 OR PHYS 153.

Credits:

2.00- 3.00

Description:

The topics covered include theoretical foundations of observational astronomy, designs of telescopes, instrumentation for telescopes, data acquisition and management, as well as practical problems in observational astronomy. Offered together with the laboratory component PHYS L381.

- **PHYS-L381 Laboratory Research Assistantship III**

Prerequisites:

Permission of Dept. Chair Required

Credits:

1.00- 2.00

Description:

This is a laboratory based research experience which involves teams of students assisting faculty in Physics/Astronomy research projects. Students will participate in an intensive laboratory training period in the Canary Islands and will follow through with research work in consultation with faculty based in the Madrid and Boston campuses. A final paper and presentation is required. Permission of department chair is required for registration and determination of course credits.

- **PHYS-411 Physics Senior Project**

Prerequisites:

Senior Standing

Credits:

4.00

Description:

The senior project is the capstone research experience of the undergraduate Physics Major. This one semester course requires students to work one on one with faculty in an area of mutually agreed upon research. In general, the effort will involve the use of mathematical and programming skills, laboratory techniques, and possibly field work. The end result will be both a paper and a formal presentation to both faculty and students.

Term:

Offered Spring Term

- **PHYS-415 Dosimetry I**

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **PHYS-L415 Dosimetry I Lab**

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **PHYS-416 Radiation Biology**

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **PHYS-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

- **PHYS-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **PHYS-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **PHYS-431 Undergraduate Research in Physics**

Credits:

4.00

Description:

This course provides a mechanism for students to receive academic credit for engaging in research. A faculty member in the physics department will serve as the research advisor for each student. This faculty advisor will have the primary responsibility for overseeing each individual student's work and will decide the grade for the course. The research project may be initiated by the student or by a faculty member.

Term:

Offered Spring Term

- **PHYS-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

- **PHYS-450 Dosimetry Systems and Networking and Quality Assurance**

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **PHYS-451 Modern Physics I**

Prerequisites:

PHYS 152

Credits:

4.00

Description:

Atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics, and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay, and high energy physics.

- **PHYS-453 Modern Physics**

Prerequisites:

PHYS-153;

Credits:

4.00

Description:

Topics include atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay and high energy physics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-L455 Advanced Laboratory

Prerequisites:

PHYS 451 and PHYS 452 or equivalent.

Credits:

2.00

Description:

Classical and modern experiments in physics; Experiments may include Frank Hertz experiment, Hall effect, nuclear magnetic resonance, quantum dots, detection of muons, x-ray spectroscopy, ellipsometry, physics of timbre of musical instruments, data acquisition.

Term:

Offered Fall Term

• PHYS-461 Quantum Mechanics I

Prerequisites:

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-462 Quantum Mechanics II

Prerequisites:

PHYS 461, PHYS 361 and PHYS 362.

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

- **PHYS-463 Stellar Astrophysics**

Prerequisites:

Prerequisite: PHYS 451-452, PHYS 461-462 1 term - 4 credits

Credits:

4.00

Description:

Physics of stars. Stellar atmospheres. Stellar interiors. Stellar evolution.

Term:

Summer

- **PHYS-464 Statistical Physics**

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

- **PHYS-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-477 Electricity and Magnetism**

Prerequisites:

PHYS-362

Credits:

4.00

Description:

Electrostatic field energy, methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy, plane waves, wave guides and cavity resonators. Interaction of charge particles with electromagnetic fields. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-510 Independent Study

Credits:

4.00

Description:

Directed reading, lectures, seminar and research in selected areas of special interest.

Term:

Occasional

• PHYS-533 Special Topics in Physics

Prerequisites:

PHYS 333, PHYS 361, PHYS 362, PHYS 461, PHYS 477

Credits:

2.00- 4.00

Description:

This is an advanced course in physics intended to introduce students to frontier areas in physics. The course is a requirement for departmental honors students. Topics are chosen from quantum field theory, condensed matter physics, high energy physics, astrophysics, quantum computing. Credit hours are adjusted based on the range and depth of topics that are covered.

- **SCI-101 Physical Science I**

Prerequisites:

One course of MATH 104,121,128(formerly 132),130,134, or 165; SCI L101 taken concurrently

Credits:

3.00

Description:

Topics in the physical sciences treated at a level appropriate for non-science majors. Newton's laws, circular motion, heat, electricity and magnetism, optics, and atomic physics are discussed with problem sets required to illustrate the concepts.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L101 Physical Science Lab I**

Prerequisites:

SCI 101 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles covered in Science 101. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-102 Intro to Physical Science II**

Prerequisites:

One course of MATH 104 OR MATH 121 OR MATH 130 OR MATH 132 OR MATH 134 OR MATH 165. SCI L102 Must be taken concurrently

Credits:

3.00

Description:

Continuation of topics in the physical sciences for nonscience majors. Nuclear physics, chemical reactions, organic compounds, latitude and longitude, study of the solar system, astronomy, and cosmology are all covered.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L102 Physical Science Lab II**

Prerequisites:

SCI 102 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles covered in Science 102. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L105 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 2 credits

Credits:

2.00

Description:

Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students who have received course credit in the physical sciences from another school and who still need to satisfy a two credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-L106 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 1 credit

Credits:

1.00

Description:

Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students only who have received course credit in the physical sciences from another school and who still need to satisfy a one credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-111 Astronomy I**

Prerequisites:

MATH-128 or higher and SCI-L11 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-L111 Astronomy Lab I**

Prerequisites:

SCI 111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-112 Astronomy II**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• SCI-L112 Astronomy Lab II

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR

- **SCI-161 Physical Science**

Prerequisites:

One course from MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 OR MATH 165 or permission of Dept. Chair. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Credits:

4.00

Description:

This is a one-semester, non-lab introduction to the physical sciences. The student will obtain a good understanding of a wide variety of topics covered in selected chapters of the text (measurements, Newton's laws, energy, heat and global warming, wave motion, electricity and magnetism, atomic physics, nuclear physics, chemical reactions, and astronomy) and will be able to solve problems illustrating the most important concepts. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **SCI-H171 The Built World: How Humans Engineer Environments- Honors**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level

and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

• SCI-210 Life of Gems

Credits:

4.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

NATURAL SCIENCE FOR BS,NATURAL SCIENCE FOR BA BFA & BSJ

2014-2015 Archived Catalog Information

Politics, Philosophy, & Economics

The Politics, Philosophy, & Economics (PPE) program is an interdisciplinary major drawing from three academic disciplines, political science, philosophy, and economics. The program is structured to provide students with a foundation in policy, ethics, and economics so that they may develop a comprehensive understanding of the complexity of contemporary and enduring social issues.

PPE students acquire knowledge and skills from all three disciplines, develop their ability to argue and write with clarity, style, and precision, and learn to synthesize and evaluate information from different disciplines.

The PPE major prepares students for careers in government, law, public agencies, business, nonprofit management, diplomacy, community work, or journalism. The PPE major also prepares students for advanced studies in law, journalism, international relations, public policy, international development, and other social sciences.

A minimum 14 courses (54 credits) is required for the major.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Politics, Philosophy, & Economics Courses](#)

Major Requirements: 14 courses, 56 credits

Core Requirements (8 classes, 32 credits)

The following classes are required for all PPE majors (each class is 4 credits unless otherwise noted).

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-243 American Constitutional Law

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues. All students in this course will engage in service learning with placement in governmental or non-governmental organizations to explore how the issues discussed in class are reflected in actual policy activities.

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Choose one of the following courses:

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher.

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. Prerequisite: Math 130 or higher. 1 term - 4 credits (4 hours per week). Normally offered each semester.

Type:

Quantitative Reasoning

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

• GVT-201 Statistics for Political Science

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

This course is an introduction to statistics and empirical research methods generally used in political science. The course will emphasize the use of statistics and its value in substantive political science research. Statistics is a tool for drawing conclusions and making inferences from observable evidence. As well, the specification of conditions under which evidence is observed affects the conclusions and arguments that political scientists draw about how social and political processes work. The purpose of this course is to equip students with tools to interpret and conduct original data analysis, critique and make an argument based on data, and provide a view into the process of political science research and how political scientists use statistical methods and research design to answer substantive questions about politics. Since most applied data analysis utilizes data management software, students will learn how to use SPSS as a tool for conducting data analysis. Prerequisites: Sophomore Standing, GVT 110 and 120 and Math 130 or instructor's consent. 1 term - 4 credits.

Type:

Quantitative Reasoning

• PHIL-212 Formal Logic

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Reasoning

Senior Capstone Course

• PPE-401 Political Economy

Prerequisites:

PHIL-119, PHIL-123, OR PHIL-127 and 2 of the following courses: GVT-110 GVT-225 EC-101 EC-102 PHIL-250 STATS-240 STATS-250 GVT-201 PHIL-212

Credits:

4.00

Description:

This interdisciplinary class brings together the fields of politics, philosophy, and economics at a high academic level. You will be confronted with hard questions about the sources, ends, and limits of government; the usefulness and troubles of free markets; the proper distribution of economic advantages in society; and what works best for building a just and efficient system of economic institutions.

Electives (6 courses, 24 credits)

In addition to the above requirements, students must choose 2 courses from each of the groups A, B, and C listed below.

A. Government

Choose any [Government](#) course at the 300-level or higher, including all internship options

B. Philosophy

- **PHIL-253 The Philosophy of America**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-309 Philosophy of Freedom

Prerequisites:

Prerequisite: One Philosophy course or consent of instructor.

Credits:

4.00

Description:

Focuses on the paradoxical relationship between freedom and responsibility and how that affects our thinking about freedom in the individual, social and political sphere. Both classical and contemporary thinkers will be considered. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Offered Spring Term

• PHIL-318 Philosophy of Law

Prerequisites:

Prerequisite: One course in Philosophy or Instructor's consent

Credits:

4.00

Description:

Readings may include a range of classical authors, such as Plato and Aquinas, as well as the works of such 20th-century legal philosophers as H.L.A. Hart, Dworkin and Rawls. Also included may be leading jurists such as Oliver Wendell Holmes and Learned Hand. Issues discussed may include the nature of law, its relation to justice, and how the legal system should operate to arrive at just decisions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

• PHIL-319 Topics in Applied Ethics

Prerequisites:

PHIL 119, or 123 or 127

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

Type:

Cultural Diversity Opt B

• PHIL-362 Environmental Ethics

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

• PHIL-363 Bio and Medical Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every third year.

Term:

Occasional

• PHIL-364 Business Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127

Credits:

4.00

Description:

An examination of the ethical questions in the working life and policies of the business and professional sectors of society. The focus will vary, but common themes will include: the role of commerce in civil society; the relation of business to conceptions of economic and social justice; the meaning and application of codes of ethics; obligations of corporations and professional organizations to shareholders and stakeholders; responsibilities to clients and colleagues; workplace conduct; the nature of success and conflicts between legal and moral obligations; the impact of globalization. The course will employ a variety of readings, including ethical theory and specific case studies. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-401 History of Ethics and Political Philosophy 1: Ancient and Medieval

Prerequisites:

PHIL-210 , PHIL-211, 4 credits of a 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

A survey of major works and themes of moral and political philosophy from ancient Greece to the late medieval period. Topics covered will include the nature of moral duties, the connection between happiness and morality, citizenship and virtue, the meaning of a good life, the attractions and limitations of moral relativism, the foundations of legitimate government, arguments for and against democracy, realism and idealism in statecraft, and the relationship between law and ethics. Authors may include the Pre-Socratic thinkers, Plato, Aristotle, Cicero, Augustine, and Aquinas, among others. Prerequisite: Consent of instructor. 1 term -4 credits. Normally offered every year in the fall.

Term:

Offered Fall Term

• PHIL-402 History of Ethics & Political Philosophy II

Prerequisites:

PHIL-210, PHIL-211, 1 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

A continuation of PHIL 401, covering the early modern era to the dawn of the 20th century. Authors may include Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, Marx, and Nietzsche, among others. Prerequisite: Consent of instructor. 1 term -4 credits. Normally offered every year in the spring.

Term:

Offered Spring Term

• PHIL-513 Internship in Applied Ethics

Prerequisites:

Prerequisite: PHIL 119 or 123 or 127 and consent of instructor

Credits:

4.00

Description:

Students in this course will serve as interns in a department-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to issues in applied ethics. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a journal and a research project. PHIL 119 or 123 or 127 and consent of instructor. 1 term -4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Or choose any other 400-level [Philosophy](#) courses, when these are on a relevant topic

C. Economics

(At least 1 of the 2 courses must be at the 300-level or higher)

- **EC-122 Poverty and Inequality**

Credits:

4.00

Description:

This course looks at economic inequality, with a particular focus on those in the United States who have low or no incomes - the poor. Measures inequality, identifies the poor, and considers a variety of explanations for poverty. Evaluates the purposes and effects of a range of public policies that might help alleviate poverty. Since race and gender play prominent roles in discussions of poverty, this course also considers issues pertaining to race and gender discrimination, and so examines the economics of both poverty and of discrimination. Cultural Diversity A.

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,Asian Studies,BSJ SOCIAL SCIENCE

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE,Asian Studies

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-331 History of Economic Thought**

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-340 Economics of Energy and Natural Resources**

Prerequisites:

Take EC-101;

Credits:

4.00

Description:

This course applies economic analysis to identify the origins, consequences, and policy implications of problems related to renewable and non-renewable natural resources, with particular attention to energy. Resources considered include forests, fisheries, water, minerals, and land. Energy resources covered include oil, gas, coal, nuclear, and alternatives (wind, solar, biomass, hydrogen, etc.), as well as electricity. Concepts examined include externalities, learning-by-doing, peak-load pricing, regulation, sustainability, cost-benefit analysis, and the commons problem.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **EC-421 Public Economics: Tax and Budget**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The theory of tax policy and tax structure. The effects on economic behavior (including labor supply, saving, risk-taking and investment, charitable giving, and growth) of different taxes (income, sales, value-added, inheritance, wealth, property). Tax equity, efficiency and incidence, in the United States and in comparative perspective. Additional topics include modeling state taxes; social security and pensions; and tax compensation. Normally offered yearly.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **EC-423 Economics of Regulation**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines regulation and analyzes the structure, conduct, and performance of American industry. Monopoly and strategic behavior in oligopoly and monopolistic competition are considered. U.S. antitrust law and the effect of regulatory laws on industrial performance are explored. Regulatory practices, rate setting, deregulation, public-enterprise pricing, and issues in privatization are examined, with an emphasis on case studies and policy analysis. Normally offered every other year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-433 Public Choice**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course considers the degree to which it is possible to explain, predict, and guide political decision through the application of economic analysis. The course is organized around two competing visions of public choice: (1) a traditional organic approach that sees the core problem for public choice as requiring the maximization of social welfare and (2) a newer contractual approach that sees that problem as requiring attention to the institutional framework within which political decisions are made. Topics to be considered include the Arrow paradox and other problems in aggregating individual choices, rent-seeking, the Leviathan hypothesis, and non- market demand-revealing methods.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-460 Game Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

Type:

Quantitative Reasoning

• EC-503 Internship in Economics

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Approximately 12 hours per week working in a position designed to give the student responsibility and a learning opportunity in economics. Interested students should consult the instructor in advance.

Type:

Social Science,BSJ SOCIAL SCIENCE

2014-2015 Archived Catalog Information

Politics, Philosophy, & Economics

The Politics, Philosophy, & Economics (PPE) program is an interdisciplinary major drawing from three academic disciplines, political science, philosophy, and economics. The program is structured to provide students with a foundation in policy, ethics, and economics so that they may develop a comprehensive understanding of the complexity of contemporary and enduring social issues.

PPE students acquire knowledge and skills from all three disciplines, develop their ability to argue and write with clarity, style, and precision, and learn to synthesize and evaluate information from different disciplines.

The PPE major prepares students for careers in government, law, public agencies, business, nonprofit management, diplomacy, community work, or journalism. The PPE major also prepares students for advanced studies in law, journalism, international relations, public policy, international development, and other social sciences.

A minimum 14 courses (54 credits) is required for the major.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Politics, Philosophy, & Economics Courses](#)

- PPE-401 Political Economy

Prerequisites:

PHIL-119, PHIL-123, OR PHIL-127 and 2 of the following courses: GVT-110 GVT-225 EC-101 EC-102 PHIL-250 STATS-240 STATS-250 GVT-201 PHIL-212

Credits:

4.00

Description:

This interdisciplinary class brings together the fields of politics, philosophy, and economics at a high academic level. You will be confronted with hard questions about the sources, ends, and limits of government; the usefulness and troubles of free markets; the proper distribution of economic advantages in society; and what works best for building a just and efficient system of economic institutions.

2014-2015 Archived Catalog Information

Psychology

The psychology major may be taken as either a BA or BS. The 10 psychology courses required for the major are of five types:

1. Core requirements (3 courses);
2. Distribution requirements (3 courses, one from each bases group);
3. Elective courses (2 courses, may be taken to complete your 10 course requirement);
4. An applied course requirement (one course);
5. And a senior capstone requirement

The major is designed to maximize both exposure to core disciplines within the field of psychology (core and distribution requirements) and individual student choice (elective courses). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Students must complete a minimum of 126 credits for graduation. Core degree requirements are listed in the [Academic Catalog](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree Requirements](#)
- [Research Opportunities](#)
- [Societies](#)
- [Psychology Courses](#)

Major Requirements: 10 courses, minimum of 40 credits

The requirements for the psychology major are described below. Note that the first digit of the course number indicates the academic level of the course and recommended sequence for a student to progress through the curriculum (e.g. 100-level courses should be taken before 200-level courses early in the

curriculum; 300-level courses are typically taken after 200-level courses in the junior and senior years). 500-level courses are upper-level courses that require approval by the instructor; they are appropriate for juniors and seniors. Please note that this coding system is provided only as a guideline. Students should consult with their departmental academic advisor to determine optimal course scheduling. A minimum of 40 credits (10 courses) are required for the major.

Core Requirements

- PSYCH-114 General Psychology

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- PSYCH-215 Behavioral Statistics

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

• PSYCH-216 Research Methods and Design

Prerequisites:

PSYCH 114 and PSYCH 215

Credits:

4.00

Description:

First provides an overview of the historical background and conceptual foundation of psychology as a science before introducing students to research methods employed in psychology including naturalistic observation, qualitative, correlational, quasi-experimental, and experimental designs. The experimental method and principles of experimental design are emphasized. The laboratory component of the class helps familiarize students with practical issues that arise when implementing an empirical research study. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

PSYCH-114, General Psychology, is a prerequisite for most psychology courses (see individual course descriptions for prerequisite information). It is generally recommended that psychology majors take this course in the first semester of the freshman year. The two-course methods sequence, Behavioral Statistics and Research Methods and Design, should be completed by the end of the sophomore year.

Distribution Requirements

Students select at least three distribution courses to count toward the major, with at least one from each bases group. In keeping with the latest trends in the field, we have designed distribution requirements to provide students with a breadth of psychology training in the areas of social and cultural psychology, the neurological and biological bases of behavior, and developmental perspectives in psychological science. All 300-level courses require sophomore standing and PSYCH-114 as a prerequisite, and typically incorporate a substantive critical-analysis writing or presentation component (e.g., a research paper) into the curriculum.

Social or Cultural Bases

- **PSYCH-226 Theories of Personality**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Surveys the major theoretical approaches to personality including representative theorists from the psychoanalytic, trait, cognitive, behavioral, and humanistic perspectives. Topics include personality dynamics, personality development, and the study of individual differences. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-241 Social Psychology**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Studies the social determinants of the behavior of individuals in relation to groups and surveys current research findings in such major content areas as attribution, prejudice, conformity, obedience, social cognition, interpersonal attraction, altruism, and aggression. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-324 Psychology of Identity and the Self**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Focuses on the processes by which self-knowledge, self-awareness, self-conceptions, self-esteem, self-consciousness, and self-blame are developed and maintained. May also include consideration of: identity and the life story; biography, narrative, and lives; cognition and personality; cultural conceptions of self; and self psychology. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Social Science

- **PSYCH-341 Sociocultural Perspectives on Behavior and Experience**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Exposes students, particularly those interested in helping and service careers, to the terminology and approaches used in the study and critical discussion of culture and diversity. This course will be useful for students seeking to develop sensitivity, respect, and understanding of the meaning that individuals attach to their own definitions of culture. While topics relevant to specific, ethnic, racial, gendered and differently abled groups will be covered to varying degrees in each semester, attention is also given to culture as a personal and societal construction. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Social Science

• PSYCH-345 Teambuilding in Global and Diverse Workplaces

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines effective approaches to building and maintaining successful teams in today's global and diverse workplace. Relevant theories and research concerning the cultural, organizational and individual factors that impact the structure, function and interpersonal dynamics of teams across settings are discussed. Topics include team characteristics, communication, leadership style, emotional and social intelligence, conflict and negotiation strategies, and challenges of working with multicultural, diverse and global team members and effectiveness of virtual teams. Students will explore essential components of functional versus dysfunctional teams, role of individual and cultural diversity, interpersonal relationship dynamics, globalization, and effective team work strategies across business, community and social organizational settings. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Fall Term

Type:

Social Science,Cultural Diversity Opt A

Neurological and Biological Bases

- **PSYCH-312 Cognitive Neuroscience**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and sophomore standing.

Credits:

4.00

Description:

Examines theory and research on a number of human cognitive processes, including topics of attention, perception, learning, memory, language processing, problem solving, social cognition, emotion, and reasoning. The field of cognition integrates knowledge from the multiple disciplines of neuropsychology, neuroscience, linguistics, and information science. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-313 Physiological Psychology**

Prerequisites:

PSYCH 114, PSYCH 215 and PSYCH 216.

Credits:

4.00

Description:

Explores the organic basis for human and animal behavior. Topics include nervous system structure and function as well as neurological contributions to motivation, emotion, stress, and abnormal functioning. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- PSYCH-325 Health Psychology

Prerequisites:

PSYCH 114 and Sophomore Standing

Credits:

4.00

Description:

Surveys theory and research in health psychology and behavioral medicine. Examines the bidirectional effects of social and behavioral processes on physical health and functioning, including topics such as HIV/AIDS, cancer, and cardiovascular disease. Psychological and physiological perspectives on stress and coping are a primary focus throughout the semester. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-333 Adult Development & Aging**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-334 Adolescent Development

Prerequisites:

PSYCH-114 and sophomore standing

Credits:

4.00

Description:

Examines the physical, cognitive, emotional and social aspects of adolescence. Attention is given to identity, parent-adolescent relationships, values, sexuality, and career development as well as psychopathology, drug use and abuse, delinquency, and alienation. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

Elective Courses (2 courses, 6 credits)

Choose two electives from the following list:

• PSYCH-222 Human Sexuality

Credits:

4.00

Description:

Examines the field of human sexuality across the life span. Topics include: sexual anatomy and physiology, sexual development, typical and atypical sexual behavior, sexual dysfunctions, current research on human sexuality, and relationship issues as they relate to sexuality and intimacy. Normally offered yearly.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-236 Psychology of the Family

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-243 Organizational Psychology

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

Type:

Cultural Diversity Opt A, Social Science

• **PSYCH-245 Consumer Psychology**

Credits:

4.00

Description:

Investigates the perceptual and motivational bases of consumer decision making in relation to advertising, packaging, brand loyalty, and other marketing considerations. Prior familiarity with psychological principles helpful but not essential. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

• **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological

perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Social Science,Asian Studies,Cultural Diversity Opt A

• PSYCH-314 Learning & Reinforcement

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines the process of the storage of information, including its affective coloration and the role of incentives and rewards. Topics include: principles of classical and operant conditioning; verbal and episodic learning; and traditional and contemporary theory. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-315 Neuropsychological Syndromes

Prerequisites:

Take PSYCH-215 PSYCH-216;

Credits:

4.00

Description:

Provides students with a neuropsychological perspective on common neuropsychological disorders, including attention-deficit hyperactivity disorder (ADHD), learning disabilities, autistic spectrum disorders, seizure disorders, traumatic brain injury (TBI), multiple sclerosis, HIV, and various dementias. Normal aging will also be considered.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-317 Psychology of Addictions**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines patterns of addictive behavior with an emphasis on physiological etiology. Social, historical, and other psychological perspectives are also discussed. Populations at high risk, the consequences of addiction, and research on interventions and treatment will also be addressed. Normally offered yearly.

Term:

Offered Spring Term

Type:

Social Science

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-326 Abnormal Psychology**

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

Type:

- **PSYCH-336 Developmental Psychopathology**

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-347 Cyberpsychology**

Prerequisites:

PSYCH 114 and sophomore standing.

Credits:

4.00

Description:

Examines the role of cybertechnology, such as social media and Internet use, and its psychosocial correlates across gender, age, and culture. The course focuses on the complex and multidimensional approaches to the study of users' characteristics and behavioral informatics. Explores theoretical

and empirical research issues concerning the psychological, organizational, and cultural factors that impact online behavior across personal, community, and workplace settings. Internet use and the use of social media in mental health service areas will also be addressed. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-348 Introduction to Forensic Psychology

Prerequisites:

PSYCH 114. 54 credits or more only.

Credits:

4.00

Description:

The interface of psychology and the law will be examined in the context of forensic psychological evaluations performed for courts, attorneys and related agencies or facilities. Topics ranging from the role of psychologists in the courtroom, standards of practice, the detection of deception, civil commitment, and ethical issues in forensic psychology will be discussed. Legal standards and the assessment of competence to stand trial, insanity defenses, child abuse and neglect, and child custody/visitation will be explored. This course will review the theoretical and conceptual aspects of the psycho-legal issues in question as well as the practical applications of the skills and knowledge domains needed to perform forensic psychological evaluations. The study of relevant laws and regulations as applied to the interface of psychology and the law will be considered. Discussion will include specialized forensic topics such as expert testimony, the evaluation of sexual offenders, violence risk assessment, and forensic psychological testing.

Expanded Classroom Requirement

Students have two options for completing the applied course requirement. Those students who intend to complete an internship must secure their own internship position prior to the start of the semester. A list of potential internship sites and their descriptions are available for students in the department's front office.

• PSYCH-346 Community Psychology

Prerequisites:

ECR

Credits:

4.00

Description:

Explores the efforts of psychologists to enhance the well-being of groups and communities. Complementing clinical approaches, community approaches have implications for both theory (e.g., environmental and/or person-environment theories) and practice (e.g., prevention-oriented paradigms targeted to groups and social systems). Students will be expected to attend weekly two-hour lectures to examine key concepts within the field (e.g., competence building, empowerment) as well as to engage in weekly community service activity. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Social Science, Expanded Classroom Requirement

• PSYCH-350 Psychology Internship

Prerequisites:

Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Provides majors the opportunity to gain a meaningful field experience in a professional setting that is consistent with their academic background and career goals. Students are on site a minimum of 6 hours a week and must accrue at least 60 hours of field experience. Seminar discussions focus on career exploration, the integration of academic knowledge with the demands of the workplace, and professional issues, including ethics, self-reflection, and cultural sensitivity. Students are required to secure an internship before the course begins. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science, Expanded Classroom Requirement

Senior Capstone Requirement

The capstone requirement should be completed during the senior year. Prerequisites include completion of departmental Core and Distribution requirements.

- **PSYCH-408 Senior Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and senior standing

Credits:

4.00

Description:

Presents the historical context for the development of core ideas, theoretical positions, and research in the field of Psychology. The interconnections between systematic orientations and domains of psychology are examined along with their relation to contemporary concepts and issues in the field of psychology. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-428 Honors Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215 & 216; Senior standing and admission by invitation only.

Credits:

4.00

Description:

Examines both historical and contemporary theories in the field, along with current empirical research. Emphasizes the reading of primary source material, critical thinking, and seminar discussion. Assessment and measurement issues emphasized, along with substantive writing, typically in the form of an empirical research proposal or a critical review of the theory and research in a focused domain. Admission by invitation only. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

2014-2015 Archived Catalog Information

Psychology

The psychology major may be taken as either a BA or BS. The 10 psychology courses required for the major are of five types:

1. Core requirements (3 courses);
2. Distribution requirements (3 courses, one from each bases group);
3. Elective courses (2 courses, may be taken to complete your 10 course requirement);
4. An applied course requirement (one course);
5. And a senior capstone requirement

The major is designed to maximize both exposure to core disciplines within the field of psychology (core and distribution requirements) and individual student choice (elective courses). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Students must complete a minimum of 126 credits for graduation. Core degree requirements are listed in the [Academic Catalog](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree Requirements](#)
- [Research Opportunities](#)
- [Societies](#)
- [Psychology Courses](#)

Minor Requirements: 5 courses, 18-20 credits

Students must complete at least 8 credits in residence at Suffolk.

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

1 course at the 300-level or above

3 additional psychology courses at any level

2014-2015 Archived Catalog Information

Psychology

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2. Distribution requirements (3 courses, one from each bases group);
3. Elective courses (2 courses, may be taken to complete your 10 course requirement);
4. An applied course requirement (one course);
5. And a senior capstone requirement

The major is designed to maximize both exposure to core disciplines within the field of psychology (core and distribution requirements) and individual student choice (elective courses). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Students must complete a minimum of 126 credits for graduation. Core degree requirements are listed in the [Academic Catalog](#).

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- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree Requirements](#)
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- [Societies](#)
- [Psychology Courses](#)

This program is designed to provide an accelerated path for undergraduate psychology majors to obtain a Master's degree in Mental Health Counseling at Suffolk University. The program allows motivated psychology majors to complete a graduate degree more quickly and at a reduced cost. Students benefit from the experience of a smooth transition from undergraduate to graduate study in a familiar environment; many will be able to continue research with faculty mentors.

Degree Requirements

1. Students admitted to the joint degree program must meet all the requirements of an undergraduate Psychology degree program.
2. Student must also meet all requirements for the Master's degree in Mental Health Counseling.
3. The 2 graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. Before enrolling in a particular graduate course during the senior year, a student must obtain permission from the MHC graduate program director.
5. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive one joint Bachelor's and Master's degree. The exact degree (BS/BA and Master's) will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the joint degree program and opt to graduate with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.

2014-2015 Archived Catalog Information

Psychology

The psychology major may be taken as either a BA or BS. The 10 psychology courses required for the major are of five types:

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3. Elective courses (2 courses, may be taken to complete your 10 course requirement);
4. An applied course requirement (one course);
5. And a senior capstone requirement

The major is designed to maximize both exposure to core disciplines within the field of psychology (core and distribution requirements) and individual student choice (elective courses). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Students must complete a minimum of 126 credits for graduation. Core degree requirements are listed in the [Academic Catalog](#).

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- [Research Opportunities](#)
- [Societies](#)
- [Psychology Courses](#)

The psychology department provides numerous directed research opportunities for students. PSYCH-510, Independent Study in Psychology, may be completed for up to 8 credits (4 credits maximum per semester). In this course, students participate in ongoing research in collaboration with a department faculty member. Students should consult the department website or the Faculty Research Interests brochure (available in the department office) for a full

description of ongoing research projects. These research tutorials may involve library research as well as many hands-on elements of research such as data collection, coding, data entry, and data analysis. Each course also includes a substantive written component.

- **Suffolk University Department of Psychology Research Participation Guidelines**

The Department of Psychology is committed to providing students with opportunities for experiential learning and research. Exposure to research and research methods helps students develop a better overall understanding of psychology. The department requires each student enrolled in PSYCH 114 (General Psychology) to gain some familiarity with the process of psychological research.

Over the course of the semester in which a student is enrolled in PSYCH 114, he or she must complete 2 hours of credit to complete this requirement.

To complete this requirement, students must register through [SONA-Systems](#) and may:

- Volunteer as a research participant in a research project being conducted by a departmental faculty member
- Complete the online research ethics training course through [CITI training](#)

- **Research Participation FAQ**

How do I find out about studies in which I can participate if I am registered in PSYCH 114?

At the beginning of each semester, information will be provided to each student enrolled in PSYCH 114 that will allow the student to log in to the department's website for research participation. A link to this site is provided at the end of this page. Once you have read this document, you may proceed to that page. There, students will register themselves and will be provided with a list of available studies including contact information for the study representative. The student will need to contact the study representative to participate in the study he or she is most interested. You will be provided a unique identification number by the website; please provide this number to the study representative as it will be used to track your participation credits.

How do I find out about studies in which I can participate if I am NOT registered in PSYCH 114?

A link to the site that lists available studies is provided at the end of this page. Once you have read this document, you may proceed to that page. There, individuals will register themselves and will be provided with a list of available studies including contact information for the study representative. The individual will need to contact the study representative to participate in the study he or she is most interested. You will be provided a unique identification number by the website; please provide this number to the study representative as it will be used to track your participation.

What is prescreening?

Prescreening occurs when researchers ask preliminary questions to see if participants appear to meet the study inclusion criteria. If you complete the online questionnaire, you will be helping the researchers to identify which studies you appear to be eligible for. You are NOT REQUIRED to participate in the prescreening process. When you complete the prescreening questionnaire, you potentially increase the number of experiments you may be contacted about. If you do not complete the prescreening questionnaire, you will need to contact the study representatives for the studies you are interested in. Study representatives will see your unique study ID number and your answers to the questions when reviewing the prescreening information – they will not know your name. You will be contacted through the prescreening system through your ID number; again, the study representative will not see your name. Completing the prescreening does not count toward your 2 hours of credit.

Do I have to participate in a study to complete the PSYCH 114 requirement?

Absolutely not. Participation in any research study within the department is entirely voluntary. Students can complete the 2 hours of credit with either of the options presented; they are not required to participate in a research project. Students can do 2 hours within one option or mix options in order to achieve their 2 hours of credit. For example, a student might complete a 60-minute research study (1 hour credit) and 2 30-minute online ethical training modules (1 hour credit) to complete the requirement. To complete the online training course, students can visit www.citiprogram.org and click on the “Undergraduate Research Ethics Studies” group to select and complete the modules.

How will my credits be documented if I choose the non-research option?

Credits from the non-research options will be stored in the Sona system. After completing each CITI module, there will be a short quiz about the information covered in the module in the Sona system. After completing this quiz, you will receive credit for that CITI module. You must complete the quiz in order to get credit for the CITI module.

How much credit will I receive for participating in a study?

That will depend on the study. Some studies are quite long and others are rather short. You will receive at least 30 minutes of credit (ONE HALF-HOUR) for completing a study, no matter how short it is. No study will provide more than 2 hours (120 minutes) of credit, though it may last longer than that. Credits will be documented on the department’s website and you may log into that website at any time to track your status. Please note that it may take up to 10 days for completed credits to appear on the website. If you are not a PSYCH 114 student, you will not receive study participation credits; please check with the researcher to see if they are offering another form of inducement.

If I participate in a research study but leave before the end, will I receive credit for my participation?

Yes, you will receive credit for any participation within a study. Credit is given out in 30-minute increments. Therefore, if you participate in a study for somewhere between 1 and 30 minutes, you will receive 30 minutes of credit; if you participate between 31 and 60 minutes, you will receive 60 minutes of credit, and so on. By the end of the semester, you must accrue 120 minutes (2 hours) or credit. If you are not a PSYCH 114 student, please check with the researcher about how they determine partial reimbursement.

Will the data I provide during a research study appear on the website?

The Department takes its obligations around data security and privacy very seriously. No data provided during a study will be recorded on the website. The website will record your contact information, the information you provide as part of screening questions when first logging in and the number of credits you have completed. Only the Research Coordinator and the department’s administrator will be able to see all the data recorded on the website. The system will provide you with a unique identification number and each study will have its own unique identification number. Other than the Research Coordinator and the administrator, departmental personnel will only be able to see information connected to the ID number, not to your name or other identifying information. Information about completed credits will only record your ID number, the study ID number and the number of credits completed. No data from the study itself will be recorded on the website.

I am unable to attend a study that I registered for. What should I do?

If you need to cancel your appointment, log on to the online system and use the system to unregister from the experiment. You will then see a message saying that you are unregistered from the experiment session. Please print out this message. If you are unable to log into the system, please contact the study representative or Research Coordinator by phone. We encourage you to cancel your appointments at least 12 hours in advance to allow researchers to make alternative schedule arrangements.

You can decide to not participate in a study and not come to the study visit without informing the study representative and this will have NO adverse effects for you; however, cancelling in advance may give the representative an opportunity to find another participant for that time slot.

What if the weather was too bad for me to come to campus for my experiment?

If the University is still operating, normal rules for canceling sessions still apply. If the University is closed, the experiment will also be cancelled.

What if my transportation (i.e., the T) made it impossible for me to come to campus for my experiment?

If you miss an experiment because of circumstances such as car breakdown or problems with the T, contact the study representative and the Research Coordinator as soon as possible by phone or email. By contacting both, you ensure that your cancellation will be received.

What if the researcher cancels the experiment?

Researchers are able to modify or cancel a session 24 hours or more ahead of time. When a researcher cancels a session 24 or more hours in advance, you do not receive credit for the experiment. You will be notified via email if the experiment has been modified or cancelled. If the researcher does not provide 24 hours notice of cancellation, you will receive ONE HALF-HOUR of credit. If this has occurred, submit a request to receive your one half-hour of credit within 5 days of the missed experiment to the Research Coordinator. All decisions regarding credits for cancelled experiments are made by the Research Coordinator and providing credits in this circumstance is done at his/her discretion. If you are not a PSYCH 114 student, you will not receive study participation reimbursement if the researcher fails to provide 24 hours notice.

What if the session wasn't cancelled, but the researcher did not show up?

If you go to an experiment session, and the researcher fails to show up, you will be given ONE HALF-HOUR of credit, irrespective of how many hours of credit the experiment session was worth. If this has occurred, submit a request to receive your one half-hour of credit within 5 days of the missed experiment to the Research Coordinator. All such requests will be verified with the researcher. All decisions regarding credits for cancelled experiments are made by the Research Coordinator and providing credits in this circumstance is done at his/her discretion. If you are not a PSYCH 114 student, you will not receive study participation reimbursement if the researcher fails to show up for a session.

What is the last day I can participate in experiments or complete the CITI training for PSYCH 114 credit?

The deadline for participating in experiments or completing the CITI training is the last day of classes during any semester or summer session. No experiments will be run after that date and no CITI training hours will be accepted after that date. It is your responsibility to make sure you have completed your 2 hours by this date.

It's the end of the semester and I still have hours to finish! Help!

Consider the risk you take by waiting until the end of the term to complete your experiments. For example, if you only have 1.0 hour left to complete, and the 1.0 hour session that you are signed-up to participate in on the last day of the semester gets cancelled by a researcher, you may not be able to finish the requirement by the deadline. Similarly, the only remaining sessions may have eligibility restrictions that prevent you from registering for the experiment. No exceptions will be made for students who leave their participation until too late in the semester.

What if I don't finish the requirement by the end of the semester?

You will get an I (Incomplete) on your semester grade report for PSYCH 114 if you passed the course.

What happens if I get an Incomplete for the course?

You will have until the end of the next semester (Fall or Spring) to finish the research requirement before the incomplete permanently converts to an "F". Once you do finish the research requirement, your grade will be released.

How do I complete the research requirement if I get an Incomplete?

You will have some extra time but must finish the research requirement before the end of the next semester (Spring or Fall). You can still use either

option to complete your hours - just contact the Research Coordinator to have your user account re-activated if you would like to continue participating in experiments. After the first day of class in the next semester, you can log in and continue signing up for experiments until the requirement is met.

Does that mean that I have to start my credit hours all over again the following semester?

No, you will be able to keep the hours that you earned during the semester you took the class. For instance, if you completed one hour of credit, you will need to complete only one more hour.

Can I participate in the same experiments I did the semester before?

No. If you do, you will not get credit for any duplicated hours. Allowing students to complete the same research study twice means that data collected by researchers and used in their analysis may be compromised.

2014-2015 Archived Catalog Information

Psychology

The psychology major may be taken as either a BA or BS. The 10 psychology courses required for the major are of five types:

1. Core requirements (3 courses);
2. Distribution requirements (3 courses, one from each bases group);
3. Elective courses (2 courses, may be taken to complete your 10 course requirement);
4. An applied course requirement (one course);
5. And a senior capstone requirement

The major is designed to maximize both exposure to core disciplines within the field of psychology (core and distribution requirements) and individual student choice (elective courses). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Students must complete a minimum of 126 credits for graduation. Core degree requirements are listed in the [Academic Catalog](#).

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- [Research Opportunities](#)
- [Societies](#)
- [Psychology Courses](#)

Psi Chi, the National Honor Society in Psychology

The Suffolk University chapter of Psi Chi, the national honor society in psychology, was chartered on April 28, 1978. Psi Chi is a member of the American Association of College Honor Societies. Criteria for membership include:

1. Junior or senior class status
2. Minimum 3.0 grade point average
3. Attainment of at least a 3.4 grade point average in all courses in psychology
4. Completion of at least five courses in psychology at Suffolk

New members are inducted into the Psi Chi National Honor Society at an induction ceremony held in April.

2014-2015 Archived Catalog Information

Psychology

The psychology major may be taken as either a BA or BS. The 10 psychology courses required for the major are of five types:

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A minor in psychology is also available.

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- [Societies](#)
- [Psychology Courses](#)

- NEUR-101 Intro to Neuroscience

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

• PSYCH-106 Human Sexuality

Credits:

4.00

Description:

This course number has been changed. Please see PSYCH-222 for the most recent description. Examines the field of human sexuality across the life span. Topics include: sexual anatomy and physiology, sexual development, typical and atypical sexual behavior, sexual dysfunctions, current research on human sexuality, and relationship issues as they relate to sexuality and intimacy.

Type:

Social Science

• PSYCH-114 General Psychology

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors.

Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-215 Behavioral Statistics

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

• PSYCH-216 Research Methods and Design

Prerequisites:

PSYCH 114 and PSYCH 215

Credits:

4.00

Description:

First provides an overview of the historical background and conceptual foundation of psychology as a science before introducing students to research methods employed in psychology including naturalistic observation, qualitative, correlational, quasi-experimental, and experimental designs. The experimental method and principles of experimental design are emphasized. The laboratory component of the class helps familiarize students with practical issues that arise when implementing an empirical research study. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-219 Psychology of Trauma

Credits:

4.00

Description:

Examines trauma from a historical, feminist, sociocultural and developmental perspective. This course will consider contemporary ways of conceptualizing, assessing, and treating psychological consequences resulting from exposure to traumatic stress. Classic and current reading materials will introduce students to leading theoretical models. Topics include war, natural disasters, child abuse, and rape. Prerequisite: PSYCH 114. 1 term - 3 semester hours. Normally offered alternate years.

• PSYCH-222 Human Sexuality

Credits:

4.00

Description:

Examines the field of human sexuality across the life span. Topics include: sexual anatomy and physiology, sexual development, typical and atypical sexual behavior, sexual dysfunctions, current research on human sexuality, and relationship issues as they relate to sexuality and intimacy. Normally offered yearly.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-226 Theories of Personality

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Surveys the major theoretical approaches to personality including representative theorists from the psychoanalytic, trait, cognitive, behavioral, and humanistic perspectives. Topics include personality dynamics, personality development, and the study of individual differences. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-233 Child Development

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-236 Psychology of the Family

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-241 Social Psychology

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Studies the social determinants of the behavior of individuals in relation to groups and surveys current research findings in such major content areas as attribution, prejudice, conformity, obedience, social cognition, interpersonal attraction, altruism, and aggression. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

Type:

Cultural Diversity Opt A, Social Science

- **PSYCH-245 Consumer Psychology**

Credits:

4.00

Description:

Investigates the perceptual and motivational bases of consumer decision making in relation to advertising, packaging, brand loyalty, and other marketing considerations. Prior familiarity with psychological principles helpful but not essential. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Social Science, Asian Studies, Cultural Diversity Opt A

- **PSYCH-312 Cognitive Neuroscience**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and sophomore standing.

Credits:

4.00

Description:

Examines theory and research on a number of human cognitive processes, including topics of attention, perception, learning, memory, language processing, problem solving, social cognition, emotion, and reasoning. The field of cognition integrates knowledge from the multiple disciplines of neuropsychology, neuroscience, linguistics, and information science. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-313 Physiological Psychology

Prerequisites:

PSYCH 114, PSYCH 215 and PSYCH 216.

Credits:

4.00

Description:

Explores the organic basis for human and animal behavior. Topics include nervous system structure and function as well as neurological contributions to motivation, emotion, stress, and abnormal functioning. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-314 Learning & Reinforcement**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines the process of the storage of information, including its affective coloration and the role of incentives and rewards. Topics include: principles of classical and operant conditioning; verbal and episodic learning; and traditional and contemporary theory. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-315 Neuropsychological Syndromes**

Prerequisites:

Take PSYCH-215 PSYCH-216;

Credits:

4.00

Description:

Provides students with a neuropsychological perspective on common neuropsychological disorders, including attention-deficit hyperactivity disorder (ADHD), learning disabilities, autistic spectrum disorders, seizure disorders, traumatic brain injury (TBI), multiple sclerosis, HIV, and various dementias. Normal aging will also be considered.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-317 Psychology of Addictions**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines patterns of addictive behavior with an emphasis on physiological etiology. Social, historical, and other psychological perspectives are also discussed. Populations at high risk, the consequences of addiction, and research on interventions and treatment will also be addressed. Normally offered yearly.

Term:

Offered Spring Term

Type:

Social Science

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-324 Psychology of Identity and the Self

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Focuses on the processes by which self-knowledge, self-awareness, self-conceptions, self-esteem, self-consciousness, and self-blame are developed and maintained. May also include consideration of: identity and the life story; biography, narrative, and lives; cognition and personality; cultural conceptions of self; and self psychology. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Social Science

• PSYCH-325 Health Psychology

Prerequisites:

PSYCH 114 and Sophomore Standing

Credits:

4.00

Description:

Surveys theory and research in health psychology and behavioral medicine. Examines the bidirectional effects of social and behavioral processes on physical health and functioning, including topics such as HIV/AIDS, cancer, and cardiovascular disease. Psychological and physiological perspectives on stress and coping are a primary focus throughout the semester. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-326 Abnormal Psychology

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-333 Adult Development & Aging**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-334 Adolescent Development**

Prerequisites:

PSYCH-114 and sophomore standing

Credits:

4.00

Description:

Examines the physical, cognitive, emotional and social aspects of adolescence. Attention is given to identity, parent-adolescent relationships, values, sexuality, and career development as well as psychopathology, drug use and abuse, delinquency, and alienation. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-336 Developmental Psychopathology**

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-340 Professional Development in Psychology**

Prerequisites:

PSYCH-114; Psychology majors with 32 or more credits;

Credits:

1.00

Description:

Professional Development in Psychology is a one-credit hybrid course designed to enhance your understanding of career options that are available to psychology majors and provide you with the skills and knowledge needed to secure an internship. Through class discussions, readings, and engaging assignments, students will learn about multiple career paths open to psychology majors, develop internship and job search skills, discover on and off-campus resources related to career development, and gain knowledge aimed at maximizing their opportunities for success post-graduation.

• PSYCH-341 Sociocultural Perspectives on Behavior and Experience

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Exposes students, particularly those interested in helping and service careers, to the terminology and approaches used in the study and critical discussion of culture and diversity. This course will be useful for students seeking to develop sensitivity, respect, and understanding of the meaning that individuals attach to their own definitions of culture. While topics relevant to specific, ethnic, racial, gendered and differently abled groups will be covered to varying degrees in each semester, attention is also given to culture as a personal and societal construction. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Social Science

• PSYCH-345 Teambuilding in Global and Diverse Workplaces

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines effective approaches to building and maintaining successful teams in today's global and diverse workplace. Relevant theories and research concerning the cultural, organizational and individual factors that impact the structure, function and interpersonal dynamics of teams across settings are discussed. Topics include team characteristics, communication, leadership style, emotional and social intelligence, conflict and negotiation strategies, and challenges of working with multicultural, diverse and global team members and effectiveness of virtual teams. Students will explore essential components of functional versus dysfunctional teams, role of individual and cultural diversity, interpersonal relationship dynamics, globalization, and effective team work strategies across business, community and social organizational settings. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Fall Term

Type:

Social Science,Cultural Diversity Opt A

• PSYCH-346 Community Psychology

Prerequisites:

ECR

Credits:

4.00

Description:

Explores the efforts of psychologists to enhance the well-being of groups and communities. Complementing clinical approaches, community approaches have implications for both theory (e.g., environmental and/or person-environment theories) and practice (e.g., prevention-oriented paradigms targeted to groups and social systems). Students will be expected to attend weekly two-hour lectures to examine key concepts within the field (e.g., competence building, empowerment) as well as to engage in weekly community service activity. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Social Science, Expanded Classroom Requirement

- **PSYCH-347 Cyberpsychology**

Prerequisites:

PSYCH 114 and sophomore standing.

Credits:

4.00

Description:

Examines the role of cybertechnology, such as social media and Internet use, and its psychosocial correlates across gender, age, and culture. The course focuses on the complex and multidimensional approaches to the study of users' characteristics and behavioral informatics. Explores theoretical and empirical research issues concerning the psychological, organizational, and cultural factors that impact online behavior across personal, community, and workplace settings. Internet use and the use of social media in mental health service areas will also be addressed. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-348 Introduction to Forensic Psychology**

Prerequisites:

PSYCH 114. 54 credits or more only.

Credits:

4.00

Description:

The interface of psychology and the law will be examined in the context of forensic psychological evaluations performed for courts, attorneys and related agencies or facilities. Topics ranging from the role of psychologists in the courtroom, standards of practice, the detection of deception, civil commitment, and ethical issues in forensic psychology will be discussed. Legal standards and the assessment of competence to stand trial, insanity defenses, child abuse and neglect, and child custody/visitation will be explored. This course will review the theoretical and conceptual aspects of the psycho-legal issues in question as well as the practical applications of the skills and knowledge domains needed to perform forensic psychological evaluations. The study of relevant laws and regulations as applied to the interface of psychology and the law will be considered. Discussion will include specialized forensic topics such as expert testimony, the evaluation of sexual offenders, violence risk assessment, and forensic psychological testing.

- **PSYCH-350 Psychology Internship**

Prerequisites:

Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Provides majors the opportunity to gain a meaningful field experience in a professional setting that is consistent with their academic background and career goals. Students are on site a minimum of 6 hours a week and must accrue at least 60 hours of field experience. Seminar discussions focus on career exploration, the integration of academic knowledge with the demands of the workplace, and professional issues, including ethics, self-reflection, and cultural sensitivity. Students are required to secure an internship before the course begins. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science, Expanded Classroom Requirement

- **PSYCH-408 Senior Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and senior standing

Credits:

4.00

Description:

Presents the historical context for the development of core ideas, theoretical positions, and research in the field of Psychology. The interconnections between systematic orientations and domains of psychology are examined along with their relation to contemporary concepts and issues in the field of psychology. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-422 Groups in Schools**

Prerequisites:

Senior status and permission of department chair required.

Credits:

4.00

Description:

An overview of the various group counseling formats utilized in schools, and related theories. Issues related to the development and implementation of small counseling groups (e.g., group dynamics and processes for group member selection) and larger educational and prevention-based groups (e.g., fostering positive mental health, career-related programming, anti-bullying) will be explored and discussed.

- **PSYCH-428 Honors Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215 & 216; Senior standing and admission by invitation only.

Credits:

4.00

Description:

Examines both historical and contemporary theories in the field, along with current empirical research. Emphasizes the reading of primary source material, critical thinking, and seminar discussion. Assessment and measurement issues emphasized, along with substantive writing, typically in the form of an empirical research proposal or a critical review of the theory and research in a focused domain. Admission by invitation only. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-510 Independent Study

Prerequisites:

JR or SR status; Majors Only; Department chair consent.

Credits:

1.00- 4.00

Description:

Substantive reading/research in area of special interest directed by a faculty member.

Term:

Offered Both Fall and Spring

Type:

Social Science

2014-2015 Archived Catalog Information

Radiation Science & Therapy

The Department of Physics & Engineering provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Radiation Science Major Requirements](#)
- [Radiation Therapy Major Requirements](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

Radiation Science Major: 21 courses plus corresponding laboratory classes, 69 credits

Clinical training is not included as part of the Radiation Science degree.

Core Requirements (15 courses plus corresponding laboratories, 45 credits)

- SCI-108 Introduction to Cancer Care

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to:

PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

• BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• BIO-L111 Introduction to the Cell Laboratory

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **CHEM-L112 General Chemistry II Lab**

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-315 Radiation Physics I**

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the

principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Fall Term

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Fall Term

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Spring Term

- **PHYS-416 Radiation Biology**

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

Choose one of the following sequences:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and Concurrently with PHYS L112

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-L112 College Physics Lab II**

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

or

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-L151 University Physics Lab I

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

Choose one of the following Mathematics courses:

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Choose one of the following Biostatistics courses:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

• **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Electives (6 courses, 24 credits)

Choose 6 Radiation Science elective courses from the list below:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

- **BIO-213 Bio-Ethical Issues**

Prerequisites:

BIO 111/L111 or BIO 114/L114;

Credits:

4.00

Description:

An introduction to ethical issues raised by advances in the biosciences and biotechnology. Topics include genetically modified organisms, reproductive technologies, genetic screening and privacy issues, therapeutic cloning, human uses of animals, and environmental sustainability. This course will provide an introductory philosophical background to bioethics, surveying several major ethical theories. A general understanding of the biosciences will be presumed.

Term:

Offered Spring Term

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO 114/L114; BIO L304 concurrently;

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114/L114; BIO-304 concurrently;

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

• BIO-L377 Immunology Laboratory

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-337 concurrently;

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

• BIO-385 Advanced Microbiology

Prerequisites:

BIO-285 and BIO-L285 BIO L385 must be taken concurrently

Credits:

3.00

Description:

Pathogenesis and host-parasite relationships; epidemiology and public health aspects of pathogenic microorganisms are stressed; molecular biology, applied and industrial microbiology. Current literature reviews. Taught alternate/odd years.

Term:

Offered Spring Term

- **BIO-L385 Advanced Microbiology Lab**

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111/L11; CHEM-211/L211; BIO-L403 concurrently;

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-211/L211; and CHEM 331 or BIO-274/L274; BIO-L474 concurrently;

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274; BIO-474 must be taken concurrently;

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

4.00

Description:

An examination of the molecular, cellular, biochemical and environmental mechanisms that regulate the developmental processes in organisms with an emphasis on vertebrates. Topics include the processes of differentiation, determination, tissue induction and morphogenesis.

Term:

Offered Spring Term

- **BIO-L475 Developmental Biology Lab**

Prerequisites:

BIO 114/L114, CHEM 211/L211 BIO 475 must be taken concurrently

Credits:

1.00

Description:

Laboratory includes the classic sequential study of developmental stages in the frog, pig and chicken using prepared slides. It also includes experimental manipulation of development in vertebrates and other organisms to a lesser degree. Prerequisite: BIO 202, BIO 114, BIO L114, CHEM 211, CHEM L211, Must take BIO 475 concurrently. 1 term - 1 credit.

Term:

Offered Spring Term

• **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• **CHEM-L314 Instrumental Analysis Lab**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques I

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

• CHEM-332 Biochemistry II

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

• CHEM-355 Environmental Chemistry

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-L355 Environmental Chemistry Lab

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-390 Advanced Organic Chemistry

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules. Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3 hours of lecture per week. Normally offered alternate years.

Term:

Alternates Fall & Spring

- **PHYS-215 Nanomaterials and the Energy Problem**

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-166 Calculus II

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-220 Mathematics for Scientists and Engineers

Prerequisites:

Take MATH-166

Credits:

4.00

Description:

Topics mostly selected from the following list: complex numbers (i, arithmetic, Euler phi function, DeMoivre's theorem, roots of unity); elementary computational linear algebra (matrices: addition, scalar multiplication, multiplication, adjoint, transpose, inverse, rank, Gaussian elimination, Cramer's rule, linear functions, transformations of 2 and 3 space; vectors: definition, addition, subtraction, dot product, cross product, basis vectors, change of

bases, eigenvalues, eigenvectors); combinatorics (counting principles, permutations and combinations); finite probability (basic definitions, sample spaces, events, probabilities of unions and intersections). Normally offered once per year.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-351 Geometry**

Credits:

4.00

Description:

Topics chosen from such areas as foundations of geometry, non-Euclidean geometry, projective geometry and convexity. Prerequisite: MATH 331. 1 term - 3 credits. Offered as the need arises.

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every

semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-326 Abnormal Psychology

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-333 Adult Development & Aging

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-336 Developmental Psychopathology

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

Type:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-243 Introduction to Health & Human Services**

Credits:

4.00

Description:

A survey of the fundamental values, organization and methods of practice of the major health and human services delivery systems. Problems associated with resource allocation and client base needs in the context of economic and political priorities are discussed. Alternative role models for professional workers in public and private settings are also evaluated.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness

and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Type:

Cultural Diversity Opt B

Please check with the program director for potential Radiation Science elective approval of other biology, chemistry, physics, math, psychology, or sociology courses.

2014-2015 Archived Catalog Information

Radiation Science & Therapy

The Department of Physics & Engineering provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Radiation Science Major Requirements](#)
- [Radiation Therapy Major Requirements](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

Radiation Therapy Major Requirements: 22 courses plus corresponding labs, 82 credits

These are the required courses for the major in radiation therapy. Students must apply to this selective program in their sophomore year.

- BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

• MATH-134 Calculus for Management & Social Sciences

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• PHYS-111 College Physics I

Prerequisites:

Take MATH-121 or MATH-134 or permission of Physics department chair;PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• PHYS-L111 College Physics Lab I

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and Concurrently with PHYS L112

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **PHYS-L112 College Physics Lab II**

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science and engineering majors or those considering careers in the health sciences.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• **CHEM-L111 General Chemistry I Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry II Lab

Prerequisites:

CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Lab. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as gravimetric analysis, the application of Beer's Law, and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHYS-315 Radiation Physics I

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

• PHYS-L315 Radiation Physics I Lab

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

• PHYS-L302 Radiation Therapy Rotation II

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

• PHYS-420 Radiation Oncology & Pathology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

• PHYS-422 Radiology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

• PHYS-415 Dosimetry I

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **PHYS-L415 Dosimetry I Lab**

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **PHYS-L303 Radiation Therapy Rotation III**

Prerequisites:

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-416 Radiation Biology**

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **PHYS-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

Choose one of the following Biostatistics courses:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

• **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Choose 1 Radiation Science elective course from the list below:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• BIO-213 Bio-Ethical Issues

Prerequisites:

BIO 111/L111 or BIO 114/L114;

Credits:

4.00

Description:

An introduction to ethical issues raised by advances in the biosciences and biotechnology. Topics include genetically modified organisms, reproductive technologies, genetic screening and privacy issues, therapeutic cloning, human uses of animals, and environmental sustainability. This course will provide an introductory philosophical background to bioethics, surveying several major ethical theories. A general understanding of the biosciences will be presumed.

Term:

Offered Spring Term

• BIO-262 Principles of Cell Culture

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell

types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

• BIO-274 Genetics

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

• BIO-L274 Genetics Lab

Prerequisites:

Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO 114/L114; BIO L304 concurrently;

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114/L114; BIO-304 concurrently;

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

• BIO-L377 Immunology Laboratory

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-337 concurrently;

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

• BIO-385 Advanced Microbiology

Prerequisites:

BIO-285 and BIO-L285 BIO L385 must be taken concurrently

Credits:

3.00

Description:

Pathogenesis and host-parasite relationships; epidemiology and public health aspects of pathogenic microorganisms are stressed; molecular biology, applied and industrial microbiology. Current literature reviews. Taught alternate/odd years.

Term:

Offered Spring Term

• BIO-L385 Advanced Microbiology Lab

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

• BIO-403 Cell Biology

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111/L11; CHEM-211/L211; BIO-L403 concurrently;

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-211/L211; and CHEM 331 or BIO-274/L274; BIO-L474 concurrently;

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274; BIO-474 must be taken concurrently;

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

4.00

Description:

An examination of the molecular, cellular, biochemical and environmental mechanisms that regulate the developmental processes in organisms with an emphasis on vertebrates. Topics include the processes of differentiation, determination, tissue induction and morphogenesis.

Term:

Offered Spring Term

- **BIO-L475 Developmental Biology Lab**

Prerequisites:

BIO 114/L114, CHEM 211/L211 BIO 475 must be taken concurrently

Credits:

1.00

Description:

Laboratory includes the classic sequential study of developmental stages in the frog, pig and chicken using prepared slides. It also includes experimental manipulation of development in vertebrates and other organisms to a lesser degree. Prerequisite: BIO 202, BIO 114, BIO L114, CHEM 211, CHEM L211, Must take BIO 475 concurrently. 1 term - 1 credit.

Term:

Offered Spring Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

- **CHEM-L314 Instrumental Analysis Lab**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

• **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

• **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- **CHEM-L355 Environmental Chemistry Lab**

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules. Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3 hours of lecture per week. Normally offered alternate years.

Term:

Alternates Fall & Spring

- **PHYS-215 Nanomaterials and the Energy Problem**

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-166 Calculus II

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-220 Mathematics for Scientists and Engineers

Prerequisites:

Take MATH-166

Credits:

4.00

Description:

Topics mostly selected from the following list: complex numbers (i, arithmetic, Euler phi function, DeMoivre's theorem, roots of unity); elementary computational linear algebra (matrices: addition, scalar multiplication, multiplication, adjoint, transpose, inverse, rank, Gaussian elimination, Cramer's rule, linear functions, transformations of 2 and 3 space; vectors: definition, addition, subtraction, dot product, cross product, basis vectors, change of bases, eigenvalues, eigenvectors); combinatorics (counting principles, permutations and combinations); finite probability (basic definitions, sample spaces, events, probabilities of unions and intersections). Normally offered once per year.

• MATH-255 Probability and Statistics

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

• MATH-265 Calculus III

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for

line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-351 Geometry**

Credits:

4.00

Description:

Topics chosen from such areas as foundations of geometry, non-Euclidean geometry, projective geometry and convexity. Prerequisite: MATH 331. 1 term - 3 credits. Offered as the need arises.

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-326 Abnormal Psychology**

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-333 Adult Development & Aging**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

Type:

Social Science

• **PSYCH-336 Developmental Psychopathology**

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-243 Introduction to Health & Human Services**

Credits:

4.00

Description:

A survey of the fundamental values, organization and methods of practice of the major health and human services delivery systems. Problems associated with resource allocation and client base needs in the context of economic and political priorities are discussed. Alternative role models for professional workers in public and private settings are also evaluated.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

• SOC-254 U.S. Health Care Landscapes

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

• SOC-256 Sociology of Aging

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Type:

Cultural Diversity Opt B

Please check with the program director for potential Radiation Science elective approval of other biology, chemistry, physics, math, psychology, or sociology courses.

Note:

The department reserves the right to require the withdrawal of a student from the radiation therapy major if, in its estimation, the probability of the student's success is doubtful. Factors such as academic performance, interest, effort and suitability for the field will be considered. Students who defer commencement into the program, for any reason, will forfeit their space in the program and will be required to reapply for the following year. A student may be dismissed from the radiation therapy major if he/she fails to maintain the minimum GPA or if he/she achieves a final grade lower than "B" in any of the radiation therapy major courses listed above.

If admitted into the radiation therapy major, part-time and full-time students must complete core clinical requirements within three years of being admitted. Radiation therapy graduates may seek employment immediately following graduation and will also be eligible for the American Registry of Radiologic Technologists (ARRT) Registry Exam.

2014-2015 Archived Catalog Information

Radiation Science & Therapy

The Department of Physics & Engineering provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Radiation Science Major Requirements](#)
- [Radiation Therapy Major Requirements](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

Radiation Science Minor Requirements: 6 courses plus corresponding laboratory classes, 24 credits

Students may pursue a minor in radiation science by completing the following courses. (Please note that some of the courses have required laboratories.)

- SCI-108 Introduction to Cancer Care

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be

accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

• BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• BIO-L111 Introduction to the Cell Laboratory

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **PHYS-416 Radiation Biology**

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

Choose 1 Radiation Science elective course from the list below:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-213 Bio-Ethical Issues**

Prerequisites:

BIO 111/L111 or BIO 114/L114;

Credits:

4.00

Description:

An introduction to ethical issues raised by advances in the biosciences and biotechnology. Topics include genetically modified organisms, reproductive technologies, genetic screening and privacy issues, therapeutic cloning, human uses of animals, and environmental sustainability. This course will provide an introductory philosophical background to bioethics, surveying several major ethical theories. A general understanding of the biosciences will be presumed.

Term:

Offered Spring Term

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

• BIO-L274 Genetics Lab

Prerequisites:

Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

• BIO-285 Microbiology

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO 114/L114; BIO L304 concurrently;

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114/L114; BIO-304 concurrently;

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-337 concurrently;

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-285 and BIO-L285 BIO L385 must be taken concurrently

Credits:

3.00

Description:

Pathogenesis and host-parasite relationships; epidemiology and public health aspects of pathogenic microorganisms are stressed; molecular biology, applied and industrial microbiology. Current literature reviews. Taught alternate/odd years.

Term:

Offered Spring Term

- **BIO-L385 Advanced Microbiology Lab**

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111/L11; CHEM-211/L211; BIO-L403 concurrently;

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-211/L211; and CHEM 331 or BIO-274/L274; BIO-L474 concurrently;

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274; BIO-474 must be taken concurrently;

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

• BIO-475 Developmental Biology

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

4.00

Description:

An examination of the molecular, cellular, biochemical and environmental mechanisms that regulate the developmental processes in organisms with an emphasis on vertebrates. Topics include the processes of differentiation, determination, tissue induction and morphogenesis.

Term:

Offered Spring Term

• BIO-L475 Developmental Biology Lab

Prerequisites:

BIO 114/L114, CHEM 211/L211 BIO 475 must be taken concurrently

Credits:

1.00

Description:

Laboratory includes the classic sequential study of developmental stages in the frog, pig and chicken using prepared slides. It also includes experimental manipulation of development in vertebrates and other organisms to a lesser degree. Prerequisite: BIO 202, BIO 114, BIO L114, CHEM 211, CHEM L211, Must take BIO 475 concurrently. 1 term - 1 credit.

Term:

Offered Spring Term

• CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• CHEM-L314 Instrumental Analysis Lab

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques I

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

• CHEM-332 Biochemistry II

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

• CHEM-355 Environmental Chemistry

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-L355 Environmental Chemistry Lab

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-390 Advanced Organic Chemistry

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules. Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3

hours of lecture per week. Normally offered alternate years.

Term:

Alternates Fall & Spring

- **PHYS-215 Nanomaterials and the Energy Problem**

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli

experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-166 Calculus II**

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-220 Mathematics for Scientists and Engineers**

Prerequisites:

Take MATH-166

Credits:

4.00

Description:

Topics mostly selected from the following list: complex numbers (i, arithmetic, Euler phi function, DeMoivre's theorem, roots of unity); elementary computational linear algebra (matrices: addition, scalar multiplication, multiplication, adjoint, transpose, inverse, rank, Gaussian elimination, Cramer's rule, linear functions, transformations of 2 and 3 space; vectors: definition, addition, subtraction, dot product, cross product, basis vectors, change of bases, eigenvalues, eigenvectors); combinatorics (counting principles, permutations and combinations); finite probability (basic definitions, sample spaces, events, probabilities of unions and intersections). Normally offered once per year.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-351 Geometry**

Credits:

4.00

Description:

Topics chosen from such areas as foundations of geometry, non-Euclidean geometry, projective geometry and convexity. Prerequisite: MATH 331. 1 term - 3 credits. Offered as the need arises.

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-326 Abnormal Psychology**

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-333 Adult Development & Aging**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

Type:

Social Science

• PSYCH-336 Developmental Psychopathology

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

• SOC-113 Introduction to Sociology

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-243 Introduction to Health & Human Services**

Credits:

4.00

Description:

A survey of the fundamental values, organization and methods of practice of the major health and human services delivery systems. Problems associated with resource allocation and client base needs in the context of economic and political priorities are discussed. Alternative role models for professional workers in public and private settings are also evaluated.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- SOC-354 Death and Dying

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- SOC-355 Women and Health

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- SOC-357 Global Health and Healing

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Type:

Cultural Diversity Opt B

Please check with the program director for potential Radiation Science elective approval of other biology, chemistry, physics, math, psychology, or sociology courses.

2014-2015 Archived Catalog Information

Radiation Science & Therapy

The Department of Physics & Engineering provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Radiation Science Major Requirements](#)
- [Radiation Therapy Major Requirements](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

• SCI-108 Introduction to Cancer Care

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

• PHYS-206 Introduction to Radiation Oncology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

• PHYS-301 Clinical Radiation I

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **PHYS-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

- **PHYS-L303 Radiation Therapy Rotation III**

Prerequisites:

PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

- **PHYS-L304 Radiation Therapy Practicum**

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

Type:

Expanded Classroom Requirement

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

- **PHYS-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

- **PHYS-L313 Medical Dosimetry Rotation III**

Prerequisites:

PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

- **PHYS-L314 Medical Dosimetry Practicum**

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **PHYS-315 Radiation Physics I**

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of

dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

• PHYS-L315 Radiation Physics I Lab

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• PHYS-317 Radiation Physics II

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

• PHYS-415 Dosimetry I

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

• PHYS-L415 Dosimetry I Lab

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

• PHYS-416 Radiation Biology

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

• PHYS-417 Dosimetry II

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

• PHYS-420 Radiation Oncology & Pathology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

• PHYS-422 Radiology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

• PHYS-435 Brachytherapy

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

• PHYS-450 Dosimetry Systems and Networking and Quality Assurance

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **PHYS-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

2014-2015 Archived Catalog Information

Radiation Therapy Certificate

The Physics & Engineering Department provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Radiation Therapy](#).

- [Requirements](#)
- [Courses](#)

Certificate Requirements: 20 courses plus corresponding laboratory classes and clinical hours, 58 credits

- PHYS-206 Introduction to Radiation Oncology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **PHYS-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

- **PHYS-L303 Radiation Therapy Rotation III**

Prerequisites:

PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-L304 Radiation Therapy Practicum**

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

Type:

- **PHYS-315 Radiation Physics I**

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• PHYS-317 Radiation Physics II

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

• PHYS-415 Dosimetry I

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

• PHYS-L415 Dosimetry I Lab

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

• PHYS-416 Radiation Biology

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **PHYS-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **PHYS-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **PHYS-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• SCI-108 Introduction to Cancer Care

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

Choose one of the following Biostatistics courses:

• BIO-273 Biostatistics

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

• PSYCH-215 Behavioral Statistics

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

Choose 1 Radiation Science elective course from those listed below:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip).

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-213 Bio-Ethical Issues**

Prerequisites:

BIO 111/L111 or BIO 114/L114;

Credits:

4.00

Description:

An introduction to ethical issues raised by advances in the biosciences and biotechnology. Topics include genetically modified organisms, reproductive technologies, genetic screening and privacy issues, therapeutic cloning, human uses of animals, and environmental sustainability. This course will provide an introductory philosophical background to bioethics, surveying several major ethical theories. A general understanding of the biosciences will be presumed.

Term:

Offered Spring Term

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO 114/L114; BIO L304 concurrently;

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114/L114; BIO-304 concurrently;

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-337 concurrently;

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-285 and BIO-L285 BIO L385 must be taken concurrently

Credits:

3.00

Description:

Pathogenesis and host-parasite relationships; epidemiology and public health aspects of pathogenic microorganisms are stressed; molecular biology, applied and industrial microbiology. Current literature reviews. Taught alternate/odd years.

Term:

Offered Spring Term

- **BIO-L385 Advanced Microbiology Lab**

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

• BIO-403 Cell Biology

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

• BIO-L403 Cell Biology Lab

Prerequisites:

BIO-111/L11; CHEM-211/L211; BIO-L403 concurrently;

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-211/L211; and CHEM 331 or BIO-274/L274; BIO-L474 concurrently;

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274; BIO-474 must be taken concurrently;

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

4.00

Description:

An examination of the molecular, cellular, biochemical and environmental mechanisms that regulate the developmental processes in organisms with an emphasis on vertebrates. Topics include the processes of differentiation, determination, tissue induction and morphogenesis.

Term:

Offered Spring Term

- **BIO-L475 Developmental Biology Lab**

Prerequisites:

BIO 114/L114, CHEM 211/L211 BIO 475 must be taken concurrently

Credits:

1.00

Description:

Laboratory includes the classic sequential study of developmental stages in the frog, pig and chicken using prepared slides. It also includes experimental manipulation of development in vertebrates and other organisms to a lesser degree. Prerequisite: BIO 202, BIO 114, BIO L114, CHEM 211, CHEM L211, Must take BIO 475 concurrently. 1 term - 1 credit.

Term:

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

- **CHEM-L314 Instrumental Analysis Lab**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and computer-based bioinformatics techniques. Offered every fall.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Offered every Fall.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

- **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- CHEM-L355 Environmental Chemistry Lab

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- CHEM-390 Advanced Organic Chemistry

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules. Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3 hours of lecture per week. Normally offered alternate years.

Term:

Alternates Fall & Spring

- PHYS-215 Nanomaterials and the Energy Problem

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-166 Calculus II**

Prerequisites:

MATH 165 with grade of C or better

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-220 Mathematics for Scientists and Engineers**

Prerequisites:

Take MATH-166

Credits:

4.00

Description:

Topics mostly selected from the following list: complex numbers (i, arithmetic, Euler phi function, DeMoivre's theorem, roots of unity); elementary computational linear algebra (matrices: addition, scalar multiplication, multiplication, adjoint, transpose, inverse, rank, Gaussian elimination, Cramer's rule, linear functions, transformations of 2 and 3 space; vectors: definition, addition, subtraction, dot product, cross product, basis vectors, change of bases, eigenvalues, eigenvectors); combinatorics (counting principles, permutations and combinations); finite probability (basic definitions, sample spaces, events, probabilities of unions and intersections). Normally offered once per year.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

• MATH-265 Calculus III

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-285 Discrete Mathematics

Prerequisites:

MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs

and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-351 Geometry**

Credits:

4.00

Description:

Topics chosen from such areas as foundations of geometry, non-Euclidean geometry, projective geometry and convexity. Prerequisite: MATH 331. 1 term - 3 credits. Offered as the need arises.

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **PSYCH-326 Abnormal Psychology**

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

Type:

Social Science

• **PSYCH-333 Adult Development & Aging**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **PSYCH-336 Developmental Psychopathology**

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-243 Introduction to Health & Human Services**

Credits:

4.00

Description:

A survey of the fundamental values, organization and methods of practice of the major health and human services delivery systems. Problems associated with resource allocation and client base needs in the context of economic and political priorities are discussed. Alternative role models for professional workers in public and private settings are also evaluated.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Type:

Cultural Diversity Opt B

Please check with the program director for potential Radiation Science elective approval of other biology, chemistry, physics, math, psychology, or sociology courses.

Required Clinical Hours:

16 hours per week; Semester 2, Year 1

40 hours per week; 12 week Summer Session

24 hours per week, Year 2

2014-2015 Archived Catalog Information

Radiation Therapy Certificate

The Physics & Engineering Department provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Radiation Therapy](#).

- [Requirements](#)
- [Courses](#)
- PHYS-206 Introduction to Radiation Oncology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **PHYS-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

- **PHYS-L303 Radiation Therapy Rotation III**

Prerequisites:

PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

• **PHYS-L304 Radiation Therapy Practicum**

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

Type:

Expanded Classroom Requirement

- **PHYS-315 Radiation Physics I**

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• PHYS-317 Radiation Physics II

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

• PHYS-415 Dosimetry I

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric

calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

• PHYS-L415 Dosimetry I Lab

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

• PHYS-416 Radiation Biology

Prerequisites:

PHYS 315;

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell

cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

• PHYS-420 Radiation Oncology & Pathology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

• PHYS-422 Radiology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be

presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **PHYS-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy & Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to:

PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

2014-2015 Archived Catalog Information

Religious Studies

The Religious Studies program is an interdisciplinary program designed to give students the opportunity to explore the various depths, dimensions and meanings of world religions. Religious thought and doctrines, in both Western and non-western cultures from ancient civilizations to modern times, will be presented as a vehicle for expanding the various ways in which religious ideas and practices can be understood.

There is no major available in Religious Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)

Minor Requirements: 5 courses, 20 credits

Required Core Component (1 Course, 4 Credits)

Choose one of the following:

- RS-111 Introduction to World Religions: Western Traditions

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Cultural Diversity Opt B,Asian Studies,Diverse Perspectives

Designated Course Component (4 Courses, 16 Credits)

Choose four of the following:

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-317 Classical Mythology**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

- **ENG-411 Ancient Greece and Ancient Israel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, the Psalms, Homer's Troy, the complexity of desire and identity in the Hebrew Bible and in Sappho's poetry, biblical depictions of Jacob, Joseph, and David. Cross-listed with History 338.

Term:

Occasional

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **HST-338 Ancient Greece & Ancient Israel**

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, Homer's Troy, the pre-Socratic philosophers and early conceptions of the universe; the complexities of desire and identity in the song of Songs and Sappho's lyric poetry; God's covenant with Israel as depicted in Exodus, Samuel, and the Psalms; self-knowledge and justice in Greek tragedy. Note: This course is identical to ENG 411 and HUM 338.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **PHIL-260 Philosophy of Religion**

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

• PHIL-262 Buddhism

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Expanded Classroom Requirement

- **PHIL-263 Native American Religion**

Credits:

4.00

Description:

This course is an examination of Native American (Indian) religious experience, both the similarities and differences among the myths and rituals of the major tribes which comprise the background of our nation's history of Western migration and settlement. The emphasis will be on understanding how life was experienced by these peoples through a close look at the philosophical meanings of their mythology and ethics. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

Type:

Cultural Diversity Opt A

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity BFA,Cultural Diversity Opt A

• PHIL-267 Chinese Philosophy

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

Type:

Cultural Diversity Opt B

• PHIL-330 African Philosophy and Religion

Prerequisites:

One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

This course explores indigenous African systems of thought, modern academic African philosophy, African social and political theory, and contemporary debates centered on questions of identity, modernity, essentialism and historicity within the African context. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

Type:

Cultural Diversity Opt B

• RS-301 Reason and Revelation

Credits:

4.00

Description:

Traces the evolution of Judaism, Christianity and Islam to the High Middle Ages to explore the role of Neo-Platonism and Aristotelianism in clarifying and explaining dogma. Particular attention will be paid to ideas about the ways of knowing and rational proofs of God's existence in Philo of Alexandria, Augustine, Anselm, Ibn Rushd (Averroes), Aquinas and Maimonides. 1 term - 4 credits. Normally offered in alternate years.

• SOC-226 Religion in Contemporary Society

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

An examination of the fundamental purpose and functions of religion in society. Major religious systems in America are analyzed in terms of basic values and structure. The impact of changes in religious organizations upon clergy, laity and society are discussed. This class fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

• RS-510 Independent Study

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Special Topics

Some students may wish to include specialized research in their minor. They may do so by including as part of their program an independent study course or a field study project.

2014-2015 Archived Catalog Information

Science

No major available.

All science courses must be taken with their respective laboratories unless otherwise noted or waived by written permission from appropriate department chair.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Science Courses](#)

- SCI-101 Physical Science I

Prerequisites:

One course of MATH 104,121,128(formerly 132),130,134, or 165; SCI L101 taken concurrently

Credits:

3.00

Description:

Topics in the physical sciences treated at a level appropriate for non-science majors. Newton's laws, circular motion, heat, electricity and magnetism, optics, and atomic physics are discussed with problem sets required to illustrate the concepts.

Term:

Offered Fall Term

Type:

- **SCI-L101 Physical Science Lab I**

Prerequisites:

SCI 101 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles covered in Science 101. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-102 Intro to Physical Science II**

Prerequisites:

One course of MATH 104 OR MATH 121 OR MATH 130 OR MATH 132 OR MATH 134 OR MATH 165. SCI L102 Must be taken concurrently

Credits:

3.00

Description:

Continuation of topics in the physical sciences for nonscience majors. Nuclear physics, chemical reactions, organic compounds, latitude and longitude, study of the solar system, astronomy, and cosmology are all covered.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• SCI-L102 Physical Science Lab II

Prerequisites:

SCI 102 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles covered in Science 102. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• SCI-103 Environmental Science

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• SCI-L103 Environmental Science Lab

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• SCI-H103 Honors Environmental Science

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **SCI-L105 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 2 credits

Credits:

2.00

Description:

Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students who have received course credit in the physical sciences from another school and who still need to satisfy a two credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-L106 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 1 credit

Credits:

1.00

Description:

Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students only who have received course credit in the physical sciences from another school and who still need to satisfy a one credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-111 Astronomy I**

Prerequisites:

MATH-128 or higher and SCI-L11 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

• SCI-L111 Astronomy Lab I

Prerequisites:

SCI 111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGNR

- **SCI-112 Astronomy II**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **SCI-L112 Astronomy Lab II**

Prerequisites:

SCI 112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR,NATURAL SCIENCE FOR BS

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGR

- **SCI-161 Physical Science**

Prerequisites:

One course from MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 OR MATH 165 or permission of Dept. Chair. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Credits:

4.00

Description:

This is a one-semester, non-lab introduction to the physical sciences. The student will obtain a good understanding of a wide variety of topics covered in selected chapters of the text (measurements, Newton's laws, energy, heat and global warming, wave motion, electricity and magnetism, atomic

physics, nuclear physics, chemical reactions, and astronomy) and will be able to solve problems illustrating the most important concepts. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR

- **SCI-H171 The Built World: How Humans Engineer Environments- Honors**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR

- **SCI-173 Geographic Information Science (GIS) The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS,SCI TECH ENGR

• SCI-L173 GIS Lab

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS, SCI TECH ENGR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,SCI TECH ENGNR,NATURAL SCIENCE FOR BS

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

- **SCI-210 Life of Gems**

Credits:

4.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

NATURAL SCIENCE FOR BS,NATURAL SCIENCE FOR BA BFA & BSJ

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math and must take SCI-L251 concurrently

Credits:

3.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L251 Intro Coastal Geology I Lab**

Prerequisites:

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-HL103 Honors Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

2014-2015 Archived Catalog Information

Second Language Programs

The mission of SLS is to provide academic support to those students whose primary language is not English by aiding them in strengthening their reading, writing, speaking, and listening skills. Support is offered by ESL professionals through intensive English classes, workshops, individual tutorials, self-study materials, a teaching fellows program, an institutional TOEFL program, and a faculty outreach program. The workshops, tutorials, and self-study materials are provided free of charge. It is our hope that no student in need of English language support continues at the University unaided.

We offer intensive English language instruction, tutorials, and support for students interested in studying at an American college or university.

- **Developmental English**

ENG 095 Developmental English Skills I

This course is appropriate for native English speakers as well as non-native English speakers with a high level of oral fluency, but a need to improve English reading and writing skills for an academic setting. The course provides students with opportunities for and guidance in the development of Academic English writing. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words.

Offered in the fall and Summer Session I semesters

ENG 096 Developmental English Skills II

A continuation of ENG 095, this course provides opportunities to both native and non-native English speakers for further development of Academic English proficiency. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words.

Offered in the spring and Summer Session II semesters.

- **Freshman Second Language Program (FSL)**

The FSL Program enrolls non-native English speakers who are graduates of high schools accredited in the United States, as well as international students who have achieved a TOEFL score of at least 500 (PBT), 173 (CBT) or 61 (IBT). Other standardized tests that demonstrate academic English proficiency, such as the IELTS, SATs, or ACTs will also be considered for admission. The program typically leads to a baccalaureate degree. The first year of intensive, developmental English courses is complemented by a series of content courses within the College of Arts and Sciences (CAS) and the Sawyer Business School, for which students earn academic credit. This program of study is meant to enable students to acquire the academic skills necessary to successfully obtain a college degree. Upon successful completion of the FSL program, students may go on to pursue a BS or BA in CAS, a BFA degree in the New England School of Art and Design (NESAD), or a BSBA degree in the Sawyer Business School. The length of time needed to obtain a full degree will depend on how quickly students progress in their academic and language skills, and on what major they wish to pursue.

All students in the FSL Program take the following courses their first year:*

FSL Program Courses

Skills Courses

Through the use of genuine content materials and assignments, these courses offer students the opportunity to practice active critical thinking and study skills as they familiarize themselves with the academic language structures and standards required in an American university setting. They also frequently call upon students to examine their own first language acquisition and reading and writing processes to enable them to apply successful strategies to their university study.

Content Courses

These courses provide students with opportunities to apply what they have acquired in the Skills Courses in rigorous content-based settings. These courses offer reading and writing activities which implement skills introduced in ENG 098 and ENG 099.

Fall semester

- ENG 098 ESL Reading/Writing: Utilizing a freshman-level English textbook and materials from the content courses, these courses furnish students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course- work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.
- HST 181 American History: This course provides a survey of American history and includes such topics as colonial politics and society; Native Americans; the American Revolution; nation-building and nationalism; sectionalism and slavery; industrialization; and America's rise as a world power.
- SF 164 Seminar for Freshman - The End of the World: This course uses materials drawn from several disciplines and is designed to help incoming freshmen develop the skills, habits of inquiry and broadened range of interests necessary to pursue a higher education successfully and independently. This course stresses writing and learning strategies, critical literacy, and academic survival skills, as well as exposure to great works and ideas.
- Program elective

Spring semester

- ENG 099 ESL Reading/Writing: Utilizing a freshman-level English textbook and materials from the content courses, these courses furnish students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course-work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.
- HST 150 Empires and Globalization in World History II: This course provides an overview and integration of major events in world history and their contributions to modern business and globalization. Themes of geography, global issues, and cultural diversity will be emphasized.
- CJA 177 Professional Communication: This course addresses oral professional communication knowledge and competencies. Students will deliver informative, persuasive, and impromptu presentations. Interpersonal communications will be enhanced as students practice giving and receiving feedback, learn how group dynamics affect team-level communication, and complete and present a team project.
- Program elective

*NESAD students' program may deviate slightly.

All FSL courses award academic credit. The amount of credit awarded toward degree requirements varies with the school and major the student matriculates into. The number of credits applied toward graduation is typically distributed: CAS students (24-32), Sawyer Business School students (24-32), and NESAD students (24-30).

FSL Program Policies

Due to the developmental nature of its courses, the FSL Program is a two-semester commitment. FSL students participate in summer orientation and begin their program in the fall. Once a student has begun the FSL Program, he or she may not place out of it with an advanced standardized test score. To exit the FSL Program, students must pass all FSL courses; if they do not, they may be asked to leave the University. During the second semester of the program, students take a written exit exam. Students who are unable to pass the exam are required to enroll in an additional intensive writing course.

Advising

The Coordinator of the FSL Program, Elaine Pascale, officially advises FSL students during the program and offers assistance throughout their time at Suffolk. To schedule an appointment, please call (617) 973-5392.

Tutoring

Individual and small group tutoring is available free of charge to all second language students through the SLS Office. Writing and grammar tutoring is offered by ESL professionals, and workshops are also conducted in a variety of areas, including Academic Writing, TOEFL Preparation, Graduate Writing, and Classroom Conversational Skills and Pronunciation.

• English Language for Internationals Program (ELI)

The ELI Program is an intensive, non-degree English as a Foreign Language program, designed for international students planning to attend Suffolk University or other American universities. The ELI classes help students develop English proficiency and prepare them to matriculate into a college setting. Because this is a language immersion program the classes are non-credit. The program is appropriate for students who need language instruction at the intermediate to advanced level; it is not designed for individuals with little or no knowledge of English.

The ELI Program offers seven levels of instruction. Each level may be completed within a semester of study. Four semesters of study are offered a year. The fall and spring sessions are 14-week programs, while the summer sessions meet for six weeks. Placement into and progression through each level is determined using a variety of assessment tools, including coursework and institutional TOEFL/TWE scores.

All levels require 20 hours of class instruction per week, including:

- 12 hours a week of skills instruction (grammar, reading, writing, speaking, listening, note taking, and research)
- 3 hours a week in the computer and/or language lab (TOEFL preparation, pronunciation and accent reduction, and academic computing skills)
- 5 hours a week of cultural and academic activities (including research and guest lectures)

Conditional Acceptance

Students may apply directly to the ELI Program or be referred by an Admissions Counselor. Students applying to a degree program who are academically admissible, but whose language proficiency is not acceptable, may be offered a conditional admittance, contingent upon successful completion of the ELI Program. Suffolk University reserves the right to make the final determination as to when program requirements have been successfully completed and when a student may qualify for admission to a degree program.

Attendance Policy

For students enrolled in the ELI Program, attendance and completion of assignments is vitally important to their progress. In addition, it is important for students to understand that regular attendance is a requirement of the Immigration and Naturalization Service for students with an F-1 visa. The current policy allows for students to miss a total of 20% of their classes without penalty. Missing between 20 and 40% of the classes will have a negative effect on a student's average and evaluation. Missing more than 45% of the scheduled classes without justification or permission from the Director of Second Language Services or the Dean of Students Office will result in a grade of "F" for that class. Grades of "W" or "I" will not be given in cases where a student's work is incomplete due to frequent unexcused absences. It is important to note that for students who have been conditionally admitted to a program at Suffolk University, a negative evaluation or failing grades could result in a denial of their application.

Advising

Carrie Oliva, the ELI Coordinator, officially advises ELI students during the program and offers assistance throughout their time at Suffolk, should they matriculate into a Suffolk degree program. To make an appointment, please call 617.994.4215.

Field Trips and Guest Speakers

ELI students may participate in field trips as part of their coursework throughout the semester. Past trips have included the Computer Museum, the State House, the Boston Stock Exchange, and the Suffolk County Courthouse. Guest speakers are often invited to the American Culture Lab.

Tutoring

Individual and small group tutoring is available free of charge to all second language students through the SLS Office. Tutoring is offered by ESL professionals in a variety of areas including: Language Skills, Academic Writing, TOEFL Preparation and Classroom Conversation Skills and Pronunciation.

Eli Courses

- **ELI-021 Low Intermediate English Listening/Speaking Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (340-393 paper-based TOEFL, 63-90 computer-based, 20-29 Internet-based/1-1.5 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-022 Low Intermediate English Reading / Writing Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (340-393 paper-based TOEFL, 63-90 computer-based, 20-29 Internet-based/1-1.5 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-023 Low Intermediate English American Culture Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (340-393 paper-based TOEFL, 63-90 computer-based, 20-29 Internet-based/1-1.5 TWE) who need to acquire communicative fluency in American English. The focus is on American culture, values, and institutions, giving students a content-driven opportunity to practice the English language skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-024 Low Intermediate English Academic Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (340-393 paper-based TOEFL, 63-90 computer-based, 20-29 Internet-based/1-1.5 TWE) who need to acquire academic English fluency in American English. The focus is on classroom behavior, note-taking, asking questions and classroom discourse. This course meets for five hours a week. College credit is not awarded.

- **ELI-031 Intermediate English Listening/Speaking/ Pronunciation Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a intermediate level (425-450/110-133 CBT TOEFL/2.5-3.0 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking, and pronunciation. The course meets for six hours a week. College credit is not awarded.

- **ELI-032 Intermediate English Reading, Writing, And Grammar Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (425-450/110-133 CBT TOEFL / 2.5-3.0 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for

six hours a week. College credit is not awarded.

- **ELI-033 Intermediate English - American Culture Lab**

Credits:

0.00

Description:

For non-native English speakers assessed to be at intermediate level (425-450/110-133 CBT TOEFL/2.5-3.0 TWE) who need to acquire communicative fluency in American English. The focus is on American culture, value and institutions, giving students a content driven opportunity to practice English language skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-034 Intermediate English - Academic Skills Lab**

Credits:

0.00

Description:

For non-native speakers assessed to be at intermediate level (425-450/110-133 CBT TOEFL/2.5-3.0 TWE) who need to acquire communicative fluency in American English. The focus is on computer skills needed to be a successful student at an American college. Skills include internet usage, word processing and spreadsheets, graphics creation, language drills, and TOEFL preparation. The course meets for five hours a week. College credit is not awarded.

- **ELI-041 High Intermediate Listening/Speaking/ Pronunciation Skills**

Prerequisites:

ELI Students only

Credits:

0.00

Description:

For non-native speakers assessed to be at the high intermediate level (450-475/110-133 CBT TOEFL/2.8-3.3 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking and pronunciation. The course meets for six hours a week. College credit is not awarded. Co-Requisite courses: ELI 042, ELI 043, ELI 044

- **ELI-042 High Intermediate Reading/Writing/ Grammar Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at high intermediate level intermediate level (450-475/110-133 CBT TOEFL/2.8-3.3 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-043 High Intermediate Eli American Culture**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high intermediate level (450-475/133-153) CBT TOEFL / 2.8-3.3 TWE) who need to acquire academic fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English language skills introduced in the other ELI courses. The course meets for five hours a week.

- **ELI-044 High Intermediate English - Academic Skills Lab**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high intermediate level (450-475/133-153 CBT TOEFL / 2.8-3.3 TWE) who need to acquire academic writing skills. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded.

- **ELI-051 Low Advanced Listening/Speaking/ Pronunciation Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at low advanced level (475-500/3.0-3.5 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening, comprehension, speaking and pronunciation. The course meets or six hours a week. College credit is not awarded.

- **ELI-052 Low Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL /3.0-3.5 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-053 Low Advanced American Culture Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL /3.0-3.5 TWE) who need to acquire communicative fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-054 Low Advanced Research Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL/ 3.0-3.5 TWE) who need to acquire academic writing skills in American English. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded. The course meets five hours a week. College credit is not awarded.

- **ELI-061 High Advanced Listening/Speaking/ Pronunciation Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking, and pronunciation. The course meets for six hours a week. College credit is not awarded.

- **ELI-062 High Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-063 High Advanced American Culture Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire academic fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English language skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-064 High Advanced Research Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire academic writing skills in American English. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded.

- **ELI-071 Special Advanced Listening/Speaking/ Pronunciation Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For graduate level, non-native English speakers assessed to be at a high advanced level (525-550/ 190-200 CBT TOEFL / 4.0-4.5 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking, and pronunciation; the content is derived from Harvard Business School Case Studies. The course meets for six hours a week.

- **ELI-072 Special Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For graduate level, non-native English speakers assessed to be at a high advanced level (525-550/ 190-200 CBT TOEFL / 4.0-4.5 TWE) who need to acquire written fluency in American English. The focus is on intensive practice in reading, writing, and English grammar; the content is derived from business texts and Harvard Business School Case Studies. The course meets for six hours a week.

- **ELI-073 Spec Adv Amer Culture Lab**

Credits:

0.00

Description:

A course for graduate level, non-native English speakers assessed to be at a high advanced level of proficiency (525 - 550 PBT/ 193 - 213 CBT/ 70 - 79 IBT/ 3.5 - 4.0 TWE), who need to acquire communicative fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English skills introduced in the other ELI courses. The course meets for four hours a week. College credit is not awarded.

- **ELI-074 Spec Adv Research Skills**

Credits:

0.00

Description:

A course for graduate level, non-native English speakers assessed to be at a high advanced level of proficiency (525 - 550 PBT/ 193 - 213 CBT/ 70 - 79 IBT/ 3.5 - 4.0 TWE), who need to master graduate-level academic skills such as library research, evaluation of sources, quoting, paraphrasing and citation methods, and TOEFL preparation. The course meets four hours a week. College credit is not awarded.

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Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. Minors in General Sociology, Crime & Justice, Health & Society, and Education Studies are also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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- [General Sociology Concentration](#)
- [Crime & Justice Concentration](#)
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- [Minor Requirements](#)
- [Honors](#)
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Major Requirements: 9 courses, 36 credits

The major in sociology consists of 9 courses (36 credits). Students will select one of four concentrations: (1) General Sociology, (2) Crime and Justice, (3) Health and Society, or (4) Youth and Community.

All sociology majors are exposed to the foundations of the discipline; the study of sociology beyond their concentration; and a focus within a selected concentration.

Regardless of concentration, all sociology majors are required to take 4 core courses:

Sociology Core Requirements (4 courses, 16 credits)

- Introductory (100-level) Sociology
- Research Methods
- A Theory course
- One Senior Seminar

Due to the sequencing and prerequisites of some required courses, students should plan to take their introductory-level course during their first year at Suffolk. Students must complete at least 20 credits in the major in residence at Suffolk.

Students who successfully fulfill the requirements for programs in Crime and Justice; Health and Society; or Youth and Community may apply for certificates of completion. Students should consult with their advisors on proper procedures for certificate awards.

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General Sociology Concentration

The concentration in General Sociology gives students broad sociological knowledge and skills that prepare them for graduate study or for a variety of careers (9 courses, 36 credits).

Core Requirements for General Sociology (4 courses, 16 Credits)

- SOC-214 Research Methods in Sociology

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

Choose one of the following courses:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

Choose one of the following courses:

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

• SOC-333 Sociology of Crime

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

General Sociology Elective Requirement (5 courses, 20 credits)

In addition to the 16 credits in the required core, students in general sociology are required to take 5 additional sociology electives (20 credits); at least one of these must be at the 200-level, and at least two must be at the 300-level. Students are strongly encouraged, in consultation with their advisors, to select courses that provide a broad and balanced knowledge of the discipline of sociology.

In addition to earning a minimum passing grade of “C” in an introductory (100-level) sociology course, sociology major and minor students must take and pass one other sociology course before taking Research Methods in Sociology (SOC-214) or a sociological theory course (SOC-315 or SOC-333).

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Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. Minors in General Sociology, Crime & Justice, Health & Society, and Education Studies are also available.

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Crime & Justice Concentration

The concentration in Crime & Justice gives students the knowledge and skills to enter, and be effective in, the various fields of adult and juvenile justice, youth development, community justice, criminal justice, victim advocacy, and human services (9 courses, 36 credits).

Core Requirements (4 courses, 16 credits)

- SOC-214 Research Methods in Sociology

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

Choose one of the following courses:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

In addition to earning a minimum passing grade of “C” in an introductory (100-level) sociology course, sociology major and minor students must take and pass one other sociology course before taking Research Methods in Sociology (SOC-214) or Sociology of Crime (SOC-333).

Concentration Requirements (3 courses, 12 credits)

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

Choose 2 courses (8 credits) from the following Crime & Justice electives; at least one of these must be at the 300 level:

- **SOC-209 Youth in American Society**

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

• SOC-211 Corrections and Punishment

Prerequisites:

Take SOC-234 or SOC-333;

Credits:

4.00

Description:

A sociological exploration of coercive and incapacitative responses to crime. Attention is given to the origins and patterning of segregative controls, the correctional claims of prison systems, alternatives to incarceration and relationships between types of crime, and criminals and varieties of punitive response.

Term:

Occasional

• SOC-218 Crime and Law in Indian Country

Credits:

4.00

Description:

What happens if you commit a crime on an Indian reservation? Who will prosecute you and how will they punish you? This course will explore the roots of tribal legal systems and criminal law, both the Native and American influences. You will gain an understanding of tribal government, legal systems, criminal law, and the role of tradition in contemporary tribal law. The course will also examine the conflict between Native and Non-Native perspectives on several cases: sovereignty, rights to cultural practices, women, freedom of religion, and land.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-230 Bad Girls**

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-231 Victims of Crime**

Credits:

4.00

Description:

In recent years, public attention to victims of crime has grown enormously. The reasons for this are complex. They include the effects of political organizing by crime victims; increased media attention to crime (often driven by crime stories as entertainment and advertising vehicles); the exploitation of crime victims by the politicians; and long-standing community frustrations with the criminal justice system. This course will examine the rise of public attention to crime, the response of the criminal justice system to victims, and the problems and possibilities regarding new responses to

victims of crime. New developments in restorative justice will be presented as an emerging alternative to problems victims have reported with the criminal justice system.

Term:

Occasional

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

Type:

Cultural Diversity Opt A

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

Type:

- **SOC-238 Cops & Robbers: Crime on Film**

Credits:

4.00

Description:

An examination of images of crime and justice portrayed in the American cinema. Special attention is paid to the social and historical forces that have shaped popular representations of good and evil during the modern era.

Term:

Occasional

- **SOC-239 Men and Violence**

Credits:

4.00

Description:

An exploration of the nature of masculinity and its connection to interpersonal and collective violence in American society. The course focuses on the emotional, spiritual, social and cultural roots of the crisis of boyhood and masculinity as a context for and consequence of violence.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

Type:

Cultural Diversity Opt A

• SOC-285 Terrorism and Counterterrorism

Credits:

4.00

Description:

This course is designed to give students an overview of Terrorism and its impact on American society. It will examine various aspects of terrorism for a local, national and international perspective. It will examine the consequences of terrorism focusing on social responses and public policy issues.

Term:

Occasional

• SOC-301 Sociology of Law

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-305 Mad, Bad, Sad: Illness and Incarceration In Contemporary US**

Credits:

4.00

Description:

Incarcerated and criminalized Americans suffer from extraordinarily high rates of physical and mental illnesses ranging from Hepatitis C, tuberculosis and HIV/AIDS to bipolar disorder, PTSD, substance abuse, and schizophrenia. This course explores connections between illness and involvement with the correctional system from the perspective of the individual offender as well as in terms of broader American cultural and political patterns.

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

- **SOC-334 Sociology of Policing**

Prerequisites:

SOC 333 or SOC 234

Credits:

4.00

Description:

An investigation of the emergence, organization, and structure of police systems. The course focuses on the conditions surrounding the relationship between the police and policed in different historical, cultural, political, and economic contexts.

Term:

Occasional

- **SOC-336 Probation and Parole**

Prerequisites:

SOC-234 or SOC-333;

Credits:

4.00

Description:

Correctional theories are reviewed along with the historical development of probation and parole. Current research and analytical perspectives reflecting on administrative problems, innovative policies and the internal philosophical inconsistencies of these systems are examined.

- **SOC-338 White Collar Crime**

Credits:

4.00

Description:

An examination of the relationship between crime, business activity, and technology with special attention to the crimes of the powerful and the changing relationship between economic development and criminal activity.

Term:

Occasional

- **SOC-339 Sociology of Violence**

Credits:

4.00

Description:

A description of violence in the United States. This course emphasizes the historical development and utilization of violence from a sociological perspective. Social, political, and personal violence will be examined and an attempt will be made to develop some theoretical orientations that may be used to both explain and prevent violence.

Term:

Occasional

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- **SOC-342 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and

socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-390 The Prison Experience, Literature and Film**

Credits:

4.00

Description:

An examination of prison writings, films, and the actual experience of prison life from literary and sociological perspectives. Students will have an opportunity to examine their own perspectives of the prison as a symbol and shadow in American Society and compare these impressions with the actual experience of inmates, correctional officers and others who have lived in the prison nation.

Term:

Occasional

Sociology Elective Requirement (2 courses, 8 credits)

Students must select 2 courses in sociology from outside the Crime & Justice concentration.

2014-2015 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. Minors in General Sociology, Crime & Justice, Health & Society, and Education Studies are also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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Health & Society Concentration

The Health & Society concentration prepares students for employment in the health care sector by providing students with an understanding of the ways in which cultural patterns influence bodies and health; a comprehensive overview of the social, economic, and political forces that shape the American health care system; an understanding of the global inequalities that give rise to disparities in health status; and an understanding of the health experiences of men, women, children, the elderly, and other populations.

Many Health & Society students seek jobs in the health care sector upon graduation. These jobs may be in hospitals, government agencies, insurance companies, and community organizations. Others will choose to continue their education at the graduate level. The Health & Society concentration is good

preparation for graduate study in education, public health, social work, hospital, or public administration, as well as joint RN/MS programs that fast-track college graduates into the nursing profession (9 courses, 36 credits).

Core Requirements (4 courses, 16 credits)

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

Choose one of the following courses:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

Choose one of the following courses:

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

In addition to earning a minimum passing grade of “C” in an introductory (100-level) sociology course, sociology major and minor students must take and pass one other sociology course before taking Research Methods in Sociology (SOC-214) or a sociological theory course (SOC-315, SOC-333).

Concentration Requirements (3 courses, 12 credits)

- SOC-253 Sociology of Health and Illness

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- SOC-254 U.S. Health Care Landscapes

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

Choose one of the following Health & Society electives:

- **SOC-221 Environment and Society**

Credits:

4.00

Description:

The history of the American Environmental Movement and eco-feminism will be examined as well as issues of pollution and depletion. Sustainable technologies and other current progressive programs will be addressed.

- **SOC-243 Introduction to Health & Human Services**

Credits:

4.00

Description:

A survey of the fundamental values, organization and methods of practice of the major health and human services delivery systems. Problems associated with resource allocation and client base needs in the context of economic and political priorities are discussed. Alternative role models for professional workers in public and private settings are also evaluated.

Term:

Occasional

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-273 Women in Contemporary Society**

Credits:

4.00

Description:

A critical analysis of theory and research related to the socialization, roles and social participation of women in contemporary society.

Term:

Occasional

- **SOC-276 Sex and Society**

Credits:

4.00

Description:

An examination of human sexuality as experience and institution. Sexuality is considered in relationship to power, love, religion, family, race, gender, sexual orientation, violence and courtship.

Term:

Occasional

- **SOC-303 How Pocahontas Lives: the Health of Native American Women and Girls**

Credits:

4.00

Description:

Native American women and girls experience many threats to their well-being: polluted environments, violence, and the continuation of colonial practices mean that their lives are at risk. Dominant political, economic, and cultural norms do little to protect them. Yet Native American women and girls can and do assert their right to well-being as they choose to define it, achieving health and self-determination. This class will examine the indigenous women and girls of the United States, to consider the continued impact of colonialism on women's health and the role of self determination in creating opportunities for the improvement of Native American women's health.

- **SOC-304 Hot, Polluted, and Hungry**

Credits:

4.00

Description:

In this course we will explore our natural environment and human interaction with it. We will study how the environment is impacting human life, exposure to environmental harms, and our foods which we may forget come from the earth. We will study the hidden ways that humans shape and are shaped by the environment. We will have an exciting and challenging time together trying to make sense of the ways our natural environment and our lives are evolving.

- **SOC-305 Mad, Bad, Sad: Illness and Incarceration In Contemporary US**

Credits:

4.00

Description:

Incarcerated and criminalized Americans suffer from extraordinarily high rates of physical and mental illnesses ranging from Hepatitis C, tuberculosis and HIV/AIDS to bipolar disorder, PTSD, substance abuse, and schizophrenia. This course explores connections between illness and involvement with the correctional system from the perspective of the individual offender as well as in terms of broader American cultural and political patterns.

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- **SOC-342 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

- **SOC-345 Get a Job: Welfare and Welfare Reform**

Prerequisites:

SOC 113 or SOC 116

Credits:

4.00

Description:

In 1996, Congress passed the Personal Responsibility and Work Opportunity Act (PRWORA), which requires states to reduce welfare caseloads by requiring recipients to work and limiting the number of years a family can receive benefits. This course will explore the history of welfare in the United States and the various efforts to reform it. Students will examine social, economic, and political forces that have driven recent reforms as well as exploring the interaction between race, gender, and poverty as they relate to welfare dependency and reform.

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- SOC-355 Women and Health

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- SOC-357 Global Health and Healing

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Type:

Cultural Diversity Opt B

Sociology Elective Requirements (2 courses, 8 credits)

Choose 2 additional sociology electives from outside the Health & Society concentration (8 credits).

2014-2015 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. Minors in General Sociology, Crime & Justice, Health & Society, and Education Studies are also available.

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Youth & Community Concentration

The Youth & Community Concentration is designed for students preparing to work with children, teens, and young adults in a variety of settings that do not require teacher certification. The Youth & Community concentration explores a range of complex societal issues related to youth in local and global educational and community contexts. The concentration provides a strong theoretical framework needed to understand contemporary educational and community issues affecting youth. Students will explore the transformative power of education, relationship building, and effective programming to positively impact youth development. The concentration is grounded on foundational sociological and educational courses supplemented by an array of experiential opportunities (service learning and internships). This concentration is designed to prepare students for various careers in education related fields, non-profit agencies, and religious, cultural, and community organizations that specialize in youth outreach and programming (9 courses, 36 credits).

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

Choose one of the following courses:

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

In addition to earning a minimum passing grade of “C” in an introductory (100-level) sociology course, sociology major and minor students must take and pass one other sociology course before taking Research Methods in Sociology (SOC-214) or a sociological theory course (SOC-315, SOC-333).

Concentration Requirements (3 courses, 12 credits)

- EDUC-310 Culturally Responsive Education

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Social Science

- SOC-209 Youth in American Society

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

Concentration Electives (1 courses, 4 credits)

Choose one of the following electives:

- **EDUC-202 Educational Psychology**

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-424 Global Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

Type:

Social Science

- SOC-223 Families in Contemporary Society

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

Type:

Social Science

- SOC-230 Bad Girls

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

Type:

Cultural Diversity Opt A

- **SOC-244 Social Work With Families**

Credits:

4.00

Description:

This course will provide an in-depth analysis of family dynamics as well as some beginning skills in counseling families. Using a systems approach, students will learn about family roles, sibling constellations and different types of families. The importance of ethnicity and culture in shaping family values and organization will be emphasized. Students will be encouraged to study their own families of origin so they might better understand how families change.

Term:

Occasional

- **SOC-276 Sex and Society**

Credits:

4.00

Description:

An examination of human sexuality as experience and institution. Sexuality is considered in relationship to power, love, religion, family, race, gender, sexual orientation, violence and courtship.

Term:

Occasional

- **SOC-308 Sociology of Education**

Credits:

4.00

Description:

Education is key in a democracy in which students need to develop themselves into knowledgeable people, with a strong sense of self, able to think critically with a developed ability to question others and to feel and act as empowered, active citizens. This is a tall order given the varieties of pressures on schools these days. But it is extremely important for these skills to be developed. With the shift in the economy, schools are going to be the critical factor in enabling students to compete in a globalized workplace and world.

- **SOC-322 Tough Guise**

Credits:

4.00

Description:

Representations of masculinity in contemporary societies are examined in terms of their social sources and consequences. Images and scripts for doing masculinity are explored through case studies of film, television, sports, advertising, comic books, video games, music and other media that define what it means to be a man.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- SOC-343 Child Welfare Services

Credits:

4.00

Description:

A survey of the historical development and current composition of services for children, including income maintenance, daycare, foster and institutional care and the adoption process.

Term:

Occasional

- SOC-344 Community Organization

Credits:

4.00

Description:

A study of the different types and functions of communities. Through identifying community needs, resources, and structure, students learn effective ways to organize for change.

- **SOC-406 The Immigrant Experience**

Prerequisites:

SOC-113 or SOC-116 and 4 credits of a SOC course at the 200 level or above

Credits:

4.00

Description:

The United States of America: A land of immigrants; The Great Melting Pot. This country has indeed attracted immigrants from all over the world. However, not all have been welcomed or treated equally. This course will investigate the reasons various immigrant groups (past and present) have come to the United States. We will also examine their experiences and the impact race, ethnicity, gender, class and social structures have had on them. During Spring Break the class will visit Ellis Island and the Tenement Museum in New York and the Lowell National Historical Park in Lowell. The class will also visit various sites in Boston throughout the semester.

Type:

Cultural Diversity Opt A, Expanded Classroom Requirement

Experiential Requirement (1 course, 4 credits)

Choose one of the following courses:

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures

that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **SOC-483 Internship in Sociology I**

Prerequisites:

Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided with the opportunity to apply academic learning in a supervised internship consistent with their personal career goals or academic interest. The course covers such topics as career exploration and development, resume and cover letter writing, job fairs, and networking, and graduate school applications. In addition to the course assignments, students are required to complete a minimum full day internship each per week during the entire semester.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• SOC-484 Internship in Sociology II

Prerequisites:

SOC 483. Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided an opportunity to intensify or extend their internship experience. The course covers such topics as mock interviewing, informational interviewing, and job fairs.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Because of the close relationship between sociology and related disciplines, students should consult with their advisors regarding selection of free electives in such areas as psychology, education, women's and gender studies, history, and economics.

Students who successfully fulfill the requirements for programs in Crime & Justice; Health & Society; or Youth & Community may apply for certificates of completion. Students should consult with their advisors on proper procedures for certificate awards.

2014-2015 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. Minors in General Sociology, Crime & Justice, Health & Society, and Education Studies are also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [General Sociology Concentration](#)
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- [Minor Requirements](#)
- [Honors](#)
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- [Sociology Courses](#)

Minor Requirements: 5 courses, 20 credits

General Sociology Minor

Core Requirements (2 courses, 8 credits)

Choose one of the following courses:

- SOC-113 Introduction to Sociology

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

Students must earn a grade of "C" or better in either of these classes in order to enroll in a research methods or sociological theory class.

Choose one of the following courses:

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

Elective Courses (3 courses, 12 credits)

Students may choose any three sociology electives; at least one of which must be at the 300 level.

Students must complete at least 8 credits in the minor in residence at Suffolk. Students majoring in Sociology cannot minor in General Sociology.

Crime & Justice Minor

Core Requirements (3 courses, 12 credits)

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported

functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

Choose one of the following courses:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

Students must earn a grade of "C" or better in either of these classes in order to enroll in a research methods or sociological theory class.

Choose one of the following courses:

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

Elective Courses (2 courses, 8 credits)

Students may choose any 2 courses from the Crime & Justice electives list; at least one of which must be at the 300 level.

Students majoring in Sociology and concentrating in areas other than Crime & Justice may only double count one sociology course within the Crime & Justice minor. Students may not concentrate (within the major) and minor in the same area.

Health & Society Minor

Core Requirements (3 courses, 12 credits)

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

Choose one of the following courses:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

Students must earn a grade of "C" or better in either of these classes.

Elective Courses (2 courses, 8 credits)

Students may choose any 2 courses from the Health & Society electives list; at least one of which must be at the 300 level.

Students majoring in Sociology and concentrating in areas other than Health & Society may only double count one sociology course within the Health & Society minor. Students may not concentrate (within the major) and minor in the same area.

2014-2015 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. Minors in General Sociology, Crime & Justice, Health & Society, and Education Studies are also available.

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- [Honors](#)
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CAS honor students who are majoring in sociology are required to take an honors course and must complete an honors project/paper in the Senior Seminar in Sociology (SOC-433).

- SOC-433 Senior Seminar

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

2014-2015 Archived Catalog Information

Sociology

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Alpha Kappa Delta

Alpha Kappa Delta is the National Honor Society for sociology majors who have demonstrated excellence in sociology. Its purpose is to promote in each of the various chapters an interest in sociology, research in social problems, and activities leading to human welfare. The Suffolk Chapter has been designated Iota of Massachusetts. To be eligible for membership, candidates must have a "B" (3.3) average overall as well as a "B" (3.3) average in sociology courses taken at the host institution. Students must have taken at least 4 courses in sociology at Suffolk.

Alpha Phi Sigma

An affiliate organization of the Academy of Criminal Justice Sciences, Alpha Phi Sigma is the National Honor Society for students majoring in fields related to criminal justice sciences. To qualify for membership students must have

1. a cumulative grade point average of 3.2,
2. a 3.2 average in criminal justice courses,
3. completed at least three full-time semesters or the equivalent, and
4. successfully complete at least 4 courses in the crime and justice field at Suffolk.

The Suffolk University Chapter of Alpha Phi Sigma is Gamma Psi.

2014-2015 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. Minors in General Sociology, Crime & Justice, Health & Society, and Education Studies are also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Sociology Courses](#)

• EDUC-110 Introduction to Education

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **EDUC-202 Educational Psychology**

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-209 Reading and Writing in the Classroom**

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading and writing in the content areas. This course is designed for teaching the necessary literacy skills in both Middle School and High School. Topics include: formal and informal assessment techniques, differentiation of instruction, diagnosing problems and integrating reading and writing into curriculum and instruction.

- **EDUC-214 Introduction to Teaching**

Credits:

4.00

Description:

This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Social Science

- **EDUC-311 Curriculum and Pedagogy: Middle School**

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle School teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching. Normally offered yearly.

Type:

Social Science

• EDUC-312 Curriculum and Pedagogy: Middle and Secondary School

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Social Science

• EDUC-313 Classroom Communication

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include:

conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **EDUC-416 Practicum: Secondary School Teaching**

Prerequisites:

Instructor's or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a secondary school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- EDUC-417 Assessment Theory and Practice

Credits:

4.00

Description:

This course examines the development of formative, summative, authentic, and alternative assessment in education. Seminal works by Archbald, Baron, Bloom, Kleinsasser, Schwab, and others comprise the theoretical component. The second half of the course is dedicated to the selection, application, and integration of formal and informal assessment strategies and tools. A final project requires students to design an assessment tool appropriate for their academic area and age level. Instructional strategies include case studies, class discussions, student presentations, and research reviews.

Term:

Offered Fall Term

Type:

Social Science

- EDUC-424 Global Issues and Trends in American Education

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

Type:

Social Science

- EDUC-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.

Type:

Social Science

- EHS-110 Introduction to Education

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **EHS-202 Educational Psychology**

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **EHS-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- EHS-205 Service Learning: Community Tutoring Project

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, Social Science

- EHS-206 Reading Theory, Pedagogy & Practice

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading, decoding, vocabulary development, and comprehension. The use of study skills in the Middle School content areas will be stressed. Students will be introduced to formal and informal assessment techniques to determine reading instructional needs. Normally offered yearly.

Type:

Social Science

- EHS-207 Reading and Writing in the Content Areas

Credits:

4.00

Description:

In-depth investigation of leading theoretical approaches to teaching reading and writing in the content areas. Topics include: diagnosing problems, individualizing instruction, understanding IEP's, and integrating reading and writing into the curriculum and instruction. Normally offered yearly.

Type:

Social Science

- EHS-209 Reading and Writing in the Classroom

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading and writing in the content areas. This course is designed for teaching the necessary literacy skills in both Middle School and High School. Topics include: formal and informal assessment techniques, differentiation of instruction, diagnosing problems and integrating reading and writing into curriculum and instruction.

- EHS-310 Culturally Responsive Education

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Social Science

- **EHS-311 Curriculum and Pedagogy: Middle School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle School teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching. Normally offered yearly.

Type:

Social Science

- **EHS-312 Curriculum and Pedagogy: Middle and Secondary School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Social Science

• EHS-313 Classroom Communication

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

Type:

Social Science

• EHS-402 History & Philosophy of American Education

Credits:

4.00

Description:

Explores the evolution of schooling in the United States from The English High School to present. Theorists include: Mann, Franklin, Dewey,Sizer, and others.

Term:

Offered Spring Term

Type:

Social Science

- **EHS-414 Urban Schooling**

Credits:

4.00

Description:

This course is an in-depth investigation of policies effecting urban schools; topics include: demographic influence on education, influences of national and state regulations on urban schools, sociological factors unique to urban schools, and in-depth analysis of equity and achievement.

Term:

Occasional

Type:

Social Science

- **EHS-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **EHS-416 Practicum: Secondary School Teaching**

Prerequisites:

Instructor's or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a secondary school. See regulations regarding student teaching.

Term:

Offered Spring Term

Type:

Social Science

- **EHS-417 Assessment Theory and Practice**

Credits:

4.00

Description:

This course examines the development of formative, summative, authentic, and alternative assessment in education. Seminal works by Archbald, Baron, Bloom, Kleinsasser, Schwab, and others comprise the theoretical component. The second half of the course is dedicated to the selection, application, and integration of formal and informal assessment strategies and tools. A final project requires students to design an assessment tool appropriate for their academic area and age level. Instructional strategies include case studies, class discussions, student presentations, and research reviews.

Term:

Offered Fall Term

Type:

Social Science

- **EHS-421 Curriculum Theory**

Credits:

4.00

Description:

Examines major realism, idealism, pragmatism, existentialism, and other ideas as they relate to public and private K-16 education systems. Normally offered alternate years.

Type:

Social Science

- **EHS-424 Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

Type:

Social Science

- **EHS-430 Issues in College Access & Success**

Prerequisites:

Instructor permission required

Credits:

4.00

Description:

Issues pertaining to college access and success with respect to underrepresented students will be explored within a Pre-K thru 16 continuum framework that views students' college choice and success as a complex and interwoven by-product of numerous socio-political, socio-economic and socio-cultural factors. Emphasis will be placed on the body of college access literature that centers the collegiate experiences and outcomes as being intrinsically and unavoidably linked to structural factors, decisions, plans and actions taken by students and their families in the pre-college, or Pre-K-12, context.

Term:

Occasional

Type:

Social Science

- **EHS-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.

Type:

Social Science

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-209 Youth in American Society**

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

- **SOC-211 Corrections and Punishment**

Prerequisites:

Take SOC-234 or SOC-333;

Credits:

4.00

Description:

A sociological exploration of coercive and incapacitative responses to crime. Attention is given to the origins and patterning of segregative controls, the correctional claims of prison systems, alternatives to incarceration and relationships between types of crime, and criminals and varieties of punitive response.

Term:

Occasional

- **SOC-212 Statistics for Sociology**

Prerequisites:

SOC-113 OR SOC-116 and MATH-128 or higher

Credits:

4.00

Description:

In this course, students will be introduced to descriptive and basic inferential statistical techniques. The course will provide information on the following topics: Description - measures of central tendency (mean, median, mode) and measures of dispersion (range, standard deviation); logic of statistical inference, including normal curve and sampling distribution; hypothesis testing with one sample and two samples; measures of association between two variables (bivariate analysis), including chi-square, regression, and correlation; and introduction to multivariate regression. Students will utilize SPSS (Statistical Package for the Social Sciences) software to input and analyze data. The goals of the course are for students to appreciate the need for statistical methods in the broad field of sociology and to gain basic statistical literacy.

Term:

Offered Both Fall and Spring

Type:

Quantitative Reasoning

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-217 Sociology of Urban Life**

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

Type:

Social Science,Cultural Diversity Opt A,Expanded Classroom Requirement

- **SOC-218 Crime and Law in Indian Country**

Credits:

4.00

Description:

What happens if you commit a crime on an Indian reservation? Who will prosecute you and how will they punish you? This course will explore the roots of tribal legal systems and criminal law, both the Native and American influences. You will gain an understanding of tribal government, legal systems, criminal law, and the role of tradition in contemporary tribal law. The course will also examine the conflict between Native and Non-Native perspectives on several cases: sovereignty, rights to cultural practices, women, freedom of religion, and land.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-H218 Honors Crime and Law in Indian Country**

Credits:

4.00

Description:

What happens if you commit a crime on an Indian reservation? Who will prosecute you and how will they punish you? This course will explore the roots of tribal legal systems and criminal law, both the Native and American influences. You will gain an understanding of tribal government, legal systems, criminal law, and the role of tradition in contemporary tribal law. The course will also examine the conflict between Native and Non-Native perspectives on several cases: sovereignty, rights to cultural practices, women, freedom of religion, and land.

Type:

Cultural Diversity Opt A

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-221 Environment and Society**

Credits:

4.00

Description:

The history of the American Environmental Movement and eco-feminism will be examined as well as issues of pollution and depletion. Sustainable technologies and other current progressive programs will be addressed.

- **SOC-222 Women in Struggle on Film**

Credits:

4.00

Description:

Women's struggles in arenas from war to labor disputes will be examined through films and writings. Societal, historical and cultural contexts of women's roles in films are discussed drawing on film criticism and sociological analyses.

Term:

Occasional

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

Type:

Social Science

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Social Science

- **SOC-225 Sociology of Romance**

Credits:

4.00

Description:

The meaning of romance and courtship today and its social consequences in marriage, homogamy, stratification and divorce. The historical origins of romanticism and the sources of romance in socialization, books and magazines, television and movies, popular music and peer group membership

are also considered.

Term:

Occasional

- **SOC-226 Religion in Contemporary Society**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

An examination of the fundamental purpose and functions of religion in society. Major religious systems in America are analyzed in terms of basic values and structure. The impact of changes in religious organizations upon clergy, laity and society are discussed. This class fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals

to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives,Cultural Diversity Opt B

- **SOC-228 Social, Cultural and Global Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives

- **SOC-229 Social Class and Inequality**

Credits:

4.00

Description:

This course examines the difference between the life experience of those who are rich, poor and middle class. Topics include: the elite in Boston, theories of inequality; blue collar neighborhoods, the hard living poor, and ethnic and sexual stratification.

Term:

Occasional

• SOC-230 Bad Girls

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

Type:

Cultural Diversity Opt A

• SOC-231 Victims of Crime

Credits:

4.00

Description:

In recent years, public attention to victims of crime has grown enormously. The reasons for this are complex. They include the effects of political organizing by crime victims; increased media attention to crime (often driven by crime stories as entertainment and advertising vehicles); the exploitation of crime victims by the politicians; and long-standing community frustrations with the criminal justice system. This course will examine the

rise of public attention to crime, the response of the criminal justice system to victims, and the problems and possibilities regarding new responses to victims of crime. New developments in restorative justice will be presented as an emerging alternative to problems victims have reported with the criminal justice system.

Term:

Occasional

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

Type:

Cultural Diversity Opt A

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **SOC-238 Cops & Robbers: Crime on Film**

Credits:

4.00

Description:

An examination of images of crime and justice portrayed in the American cinema. Special attention is paid to the social and historical forces that have shaped popular representations of good and evil during the modern era.

Term:

Occasional

- **SOC-239 Men and Violence**

Credits:

4.00

Description:

An exploration of the nature of masculinity and its connection to interpersonal and collective violence in American society. The course focuses on the emotional, spiritual, social and cultural roots of the crisis of boyhood and masculinity as a context for and consequence of violence.

Term:

Occasional

Type:

Cultural Diversity Opt A

- SOC-242 Law, Health & Human Rights

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- SOC-243 Introduction to Health & Human Services

Credits:

4.00

Description:

A survey of the fundamental values, organization and methods of practice of the major health and human services delivery systems. Problems associated with resource allocation and client base needs in the context of economic and political priorities are discussed. Alternative role models for

professional workers in public and private settings are also evaluated.

Term:

Occasional

- **SOC-244 Social Work With Families**

Credits:

4.00

Description:

This course will provide an in-depth analysis of family dynamics as well as some beginning skills in counseling families. Using a systems approach, students will learn about family roles, sibling constellations and different types of families. The importance of ethnicity and culture in shaping family values and organization will be emphasized. Students will be encouraged to study their own families of origin so they might better understand how families change.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Expanded Classroom Requirement

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-264 Social Media and Society**

Credits:

4.00

Description:

An examination of the ways in which social structures and processes influence and are affected by modern ideas, needs and social practice techniques in technologically advanced societies is considered in conjunction with changes in the way in which we understand the world, the nature of work and leisure, the processing of information and the character of social institutions. Normally offered alternate years. Fulfills the Social Science Option. Fulfills the Sociology Department's Social Policy requirement.

Type:

Social Science

- **SOC-273 Women in Contemporary Society**

Credits:

4.00

Description:

A critical analysis of theory and research related to the socialization, roles and social participation of women in contemporary society.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-276 Sex and Society**

Credits:

4.00

Description:

An examination of human sexuality as experience and institution. Sexuality is considered in relationship to power, love, religion, family, race, gender, sexual orientation, violence and courtship.

Term:

Occasional

- **SOC-285 Terrorism and Counterterrorism**

Credits:

4.00

Description:

This course is designed to give students an overview of Terrorism and its impact on American society. It will examine various aspects of terrorism for a local, national and international perspective. It will examine the consequences of terrorism focusing on social responses and public policy issues.

Term:

Occasional

- **SOC-286 Women and Work**

Credits:

4.00

Description:

An exploration of the relationship between gender roles, work environments, and careers in American society. The problems and prospects faced by women in the world of work are considered with special attention to power and sexism in the workplace, domestic vs. organizational work, role conflicts for working women, and the relationship between changing images of women and changing patterns of female employment. Policy requirement.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-301 Sociology of Law**

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-303 How Pocahontas Lives: the Health of Native American Women and Girls**

Credits:

4.00

Description:

Native American women and girls experience many threats to their well-being: polluted environments, violence, and the continuation of colonial practices mean that their lives are at risk. Dominant political, economic, and cultural norms do little to protect them. Yet Native American women and girls can and do assert their right to well-being as they choose to define it, achieving health and self-determination. This class will examine the indigenous women and girls of the United States, to consider the continued impact of colonialism on women's health and the role of self determination in creating opportunities for the improvement of Native American women's health.

- **SOC-304 Hot, Polluted, and Hungry**

Credits:

4.00

Description:

In this course we will explore our natural environment and human interaction with it. We will study how the environment is impacting human life, exposure to environmental harms, and our foods which we may forget come from the earth. We will study the hidden ways that humans shape and are shaped by the environment. We will have an exciting and challenging time together trying to make sense of the ways our natural environment and our lives are evolving.

- **SOC-305 Mad, Bad, Sad: Illness and Incarceration In Contemporary US**

Credits:

4.00

Description:

Incarcerated and criminalized Americans suffer from extraordinarily high rates of physical and mental illnesses ranging from Hepatitis C, tuberculosis and HIV/AIDS to bipolar disorder, PTSD, substance abuse, and schizophrenia. This course explores connections between illness and involvement with the correctional system from the perspective of the individual offender as well as in terms of broader American cultural and political patterns.

- **SOC-308 Sociology of Education**

Credits:

4.00

Description:

Education is key in a democracy in which students need to develop themselves into knowledgeable people, with a strong sense of self, able to think critically with a developed ability to question others and to feel and act as empowered, active citizens. This is a tall order given the varieties of pressures on schools these days. But it is extremely important for these skills to be developed. With the shift in the economy, schools are going to be the critical factor in enabling students to compete in a globalized workplace and world.

- **SOC-312 Sex Offenders**

Credits:

4.00

Description:

This course presents an overview of the policy issues related to sex offenders. Focusing on the current scholastic research on sex offenders, students will discuss myths about sexual offenders as well as the consequences of myths on policy. The course will additionally cover the history of sex offender policies and moral panics, explanations, treatment and prevention of sex offending and victimization.

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-321 Identity, Self and Society**

Credits:

4.00

Description:

This course explores the emergence of the self as an intersection of biography, history and social structure. Emphasis is on modern , Western societies. Conceptually, we will take a life course approach which emphasizes processes of psychosocial, moral, intellectual, and spiritual development for contemporary men and women. This course is designed in part as a workshop where students will develop the skills and insights essential for conducting life history research and biographical studies that are sociological in focus.

Term:

Occasional

- **SOC-322 Tough Guise**

Credits:

4.00

Description:

Representations of masculinity in contemporary societies are examined in terms of their social sources and consequences. Images and scripts for doing masculinity are explored through case studies of film, television, sports, advertising, comic books, video games, music and other media that define what it means to be a man.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-325 Popular Culture in America**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

An investigation of the images of life provided by mass communications, the educational system and official culture. Topics include: the growth of the youth culture since the 1950s; images of working people; women, minorities and advertising; changing ideas of success; consciousness-raising and contra-cultures.

Term:

Occasional

- **SOC-326 Protest and Social Change**

Credits:

4.00

Description:

An exploration of recent and contemporary protest movements. Cases studied may include Civil Rights women's movement, environmental, militia, and new right, gay and lesbian, labor, etc. Movement issues such as goals, tactics, use of violence, use of media cultural politics, social control and repression will be considered. Under what conditions do protest movements succeed or fail in bringing desired social change?

Term:

Occasional

Type:

Cultural Diversity Opt A,BSBA SOCIAL CHANGE

- **SOC-327 Special Topics: General Sociology**

Credits:

4.00

Description:

A course with special interest topics in sociology which changes depending on the professor.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

• SOC-333 Sociology of Crime

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

• SOC-334 Sociology of Policing

Prerequisites:

SOC 333 or SOC 234

Credits:

4.00

Description:

An investigation of the emergence, organization, and structure of police systems. The course focuses on the conditions surrounding the relationship between the police and policed in different historical, cultural, political, and economic contexts.

Term:

Occasional

- **SOC-336 Probation and Parole**

Prerequisites:

SOC-234 or SOC-333;

Credits:

4.00

Description:

Correctional theories are reviewed along with the historical development of probation and parole. Current research and analytical perspectives reflecting on administrative problems, innovative policies and the internal philosophical inconsistencies of these systems are examined.

- **SOC-337 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-338 White Collar Crime**

Credits:

4.00

Description:

An examination of the relationship between crime, business activity, and technology with special attention to the crimes of the powerful and the changing relationship between economic development and criminal activity.

Term:

Occasional

- **SOC-339 Sociology of Violence**

Credits:

4.00

Description:

A description of violence in the United States. This course emphasizes the historical development and utilization of violence from a sociological perspective. Social, political, and personal violence will be examined and an attempt will be made to develop some theoretical orientations that may be used to both explain and prevent violence.

Term:

Occasional

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- **SOC-342 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

- **SOC-343 Child Welfare Services**

Credits:

4.00

Description:

A survey of the historical development and current composition of services for children, including income maintenance, daycare, foster and institutional care and the adoption process.

Term:

Occasional

- **SOC-344 Community Organization**

Credits:

4.00

Description:

A study of the different types and functions of communities. Through identifying community needs, resources, and structure, students learn effective ways to organize for change.

- **SOC-345 Get a Job: Welfare and Welfare Reform**

Prerequisites:

SOC 113 or SOC 116

Credits:

4.00

Description:

In 1996, Congress passed the Personal Responsibility and Work Opportunity Act (PRWORA), which requires states to reduce welfare caseloads by requiring recipients to work and limiting the number of years a family can receive benefits. This course will explore the history of welfare in the United States and the various efforts to reform it. Students will examine social, economic, and political forces that have driven recent reforms as well as exploring the interaction between race, gender, and poverty as they relate to welfare dependency and reform.

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

Type:

Cultural Diversity Opt A

• SOC-354 Death and Dying

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

• SOC-355 Women and Health

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- SOC-357 Global Health and Healing

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Type:

Cultural Diversity Opt B

- SOC-374 Diversity Among Women

Credits:

4.00

Description:

An exploration of the diverse experiences of womanhood as shaped by race, ethnicity, class, sexuality, age and physical ability. The course examines the commonalities women share and considers what women's differences suggest about an agenda for change. Issues such as workplace equality, family, policy, violence against women, sexuality are studied. How do diverse women, along with men allies, build alliances and work together for social transformation? Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-379 Anthropological Perspectives in Spain**

Credits:

4.00

Description:

The recent changes in both Spain and Portugal are only the latest in a series of important transformations which these two countries have undergone over the past fifty years or so. In that time, they have both gone from being predominantly rural societies where the majority of the population live and work on the land to becoming industrial societies not unlike those of northern Europe and North America. Yet the underlying cultural heterogeneity of the peoples of the Iberian Peninsula has meant that different regions have often had very distinct actions to the various pressures toward political, economic, and social change. This seminar will examine the ethnographic diversity of the Iberian Peninsula in its regional manifestations, using a specifically anthropological approach in order to better comprehend present-day Spain and Portugal. Offered on Madrid Campus only. 1 term - 4 credits

- **SOC-H379 Honors Anthropological Perspectives in Spain**

Credits:

4.00

Description:

The recent changes in both Spain and Portugal are only the latest in a series of important transformations which these two countries have undergone over the past fifty years or so. In that time, they have both gone from being predominantly rural societies where the majority of the population live and work on the land to becoming industrial societies not unlike those of northern Europe and North America. Yet the underlying cultural heterogeneity of the peoples of the Iberian Peninsula has meant that different regions have often had very distinct actions to the various pressures toward political, economic, and social change. This seminar will examine the ethnographic diversity of the Iberian Peninsula in its regional manifestations, using a specifically anthropological approach in order to better comprehend present-day Spain and Portugal. Offered on Madrid Campus only. 1 term - 4 credits

- **SOC-380 Special Topics in Sociology: Peer Tutoring**

Prerequisites:

Instructor's consent; ECR

Credits:

4.00

Description:

Specialized topics based on peer tutoring research and development. Content, prerequisites and hours to be announced.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **SOC-390 The Prison Experience, Literature and Film**

Credits:

4.00

Description:

An examination of prison writings, films, and the actual experience of prison life from literary and sociological perspectives. Students will have an opportunity to examine their own perspectives of the prison as a symbol and shadow in American Society and compare these impressions with the actual experience of inmates, correctional officers and others who have lived in the prison nation.

Term:

Occasional

- **SOC-406 The Immigrant Experience**

Prerequisites:

SOC-113 or SOC-116 and 4 credits of a SOC course at the 200 level or above

Credits:

4.00

Description:

The United States of America: A land of immigrants; The Great Melting Pot. This country has indeed attracted immigrants from all over the world. However, not all have been welcomed or treated equally. This course will investigate the reasons various immigrant groups (past and present) have come to the United States. We will also examine their experiences and the impact race, ethnicity, gender, class and social structures have had on them. During Spring Break the class will visit Ellis Island and the Tenement Museum in New York and the Lowell National Historical Park in Lowell. The class will also visit various sites in Boston throughout the semester.

Type:

Cultural Diversity Opt A, Expanded Classroom Requirement

• SOC-433 Senior Seminar

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

• SOC-443 Seminar in Health, Medicine, & the Body

Prerequisites:

Senior standing required for all Health and Human Services majors

Credits:

4.00

Description:

An overview of the historical development and current concerns in the health and human services. Students select an area of interest and develop individualized study plans. The purpose of this course is to summarize and refine accumulated knowledge in this area. Students will demonstrate knowledge by engaging in a significant research project.

Term:

Occasional

• SOC-453 Seminar in Sociology

Prerequisites:

SOC 113 or SOC 116 with a minimum grade of a C; SOC 214; SOC 310, SOC 315, or SOC 333; Seniors only.

Credits:

4.00

Description:

This course will explore topics in sociology, requiring students to synthesize their learning in sociology to analyze research and develop their own study plans. The purpose of this course is to summarize and refine accumulated knowledge in sociology. Students will demonstrate knowledge by engaging in a significant research project.

Term:

Occasional

• SOC-483 Internship in Sociology I

Prerequisites:

Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided with the opportunity to apply academic learning in a supervised internship consistent with their personal career goals or academic interest. The course covers such topics as career exploration and development, resume and cover letter writing, job fairs, and networking, and graduate school applications. In addition to the course assignments, students are required to complete a minimum full day internship each per week during the entire semester.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• SOC-484 Internship in Sociology II

Prerequisites:

SOC 483. Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided an opportunity to intensify or extend their internship experience. The course covers such topics as mock interviewing, informational interviewing, and job fairs.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **SOC-510 Independent Study**

Credits:

4.00

Description:

Members of the department hold special meetings with students and direct them in investigating topics of interest in sociology. Arrangements for independent study must be approved by the supervising instructor and the Department Chairperson.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Spanish Major and Minor

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean Studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Spanish Courses](#)

Major Requirements: 10 courses, 40 credits

Prerequisites (2 courses, 8 credits):

- SPAN-201 Intermediate Spanish I

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

Choose one of the following courses:

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

Note:

To qualify for admittance to the major, a student must complete the prerequisites with an average grade of “B.”

Advanced Courses (8 courses, 32 credits)

These courses must be above 290 and must include one from each of the following options.

Choose one of the following courses:

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

Choose one of the following courses:

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **SPAN-370 Jewish, Islamic, & Christian Spain**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

Choose one of the following courses:

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

Note:

A maximum of two courses from the following list can count toward the major:

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **SPAN-416 Border Crossings the Latino Experience in the USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

A maximum of 4 courses taken at other institutions or as part of a department-approved study abroad program in a Spanish-speaking country may apply toward the major.

Any Seminar for Freshmen with a topic related to the Spanish-speaking world (e.g., culture, politics, society) counts toward the major.

Students who receive a score of “sem4+” on the Spanish online placement test have fulfilled the 201, 202/203 prerequisite for the major.

AP Credit:

Incoming students who receive a score of "4" or "5" on the AP Spanish examination have fulfilled the 202/203 prerequisite for the major.

2014-2015 Archived Catalog Information

Spanish Major and Minor

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean Studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Spanish Courses](#)

Minor Requirements: 6 courses, 24 credits

Prerequisites (2 courses, 8 credits):

- SPAN-201 Intermediate Spanish I

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

Choose one of the following courses:

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

Note: To qualify for admittance to the minor, a student must complete the prerequisites with an average grade of “B.”

Advanced Courses (4 courses, 16 credits):

The courses must be above 290 and must include one from each of the following options.

Choose one of the following courses:

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays,

group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

Choose one of the following courses:

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-370 Jewish, Islamic, & Christian Spain

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

BA FOREIGN

Choose one of the following courses:

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

Note:

A maximum of 1 course from the following list can count toward the minor:

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **SPAN-416 Border Crossings the Latino Experience in the USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement, Cultural Diversity Opt B, BA FOREIGN

AP and Other Credit:

Incoming students who receive a score of "4" or "5" on the AP Spanish examination have fulfilled the 202/203 prerequisite for the minor.

A maximum of 2 courses taken at other institutions or as part of a department-approved study abroad program in a Spanish-speaking country may apply toward the minor.

Any Seminar for Freshmen with a topic related to the Spanish-speaking world (e.g., culture, politics, society) may count toward the minor with the approval of the minor advisor.

Students who receive a score of “sem4+” on the Spanish online placement test have fulfilled the 201, 202/203 prerequisite for the minor.

2014-2015 Archived Catalog Information

Spanish Major and Minor

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean Studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Spanish Courses](#)

In order to be considered for honors in Spanish, a student must satisfy the following criteria:

1. Students interested in honors should consult with the department chair during the spring semester of the junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 GPA in Spanish courses.
2. Honors candidates should register for SPAN-502 in the fall semester of the senior year. Under the guidance of a faculty member, they will use this course to complete a research paper. This paper will be evaluated by all professors in the student's field of study. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

2014-2015 Archived Catalog Information

Spanish Major and Minor

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean Studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Spanish Courses](#)

- SPAN-101 Elementary Spanish I

Credits:

4.00

Description:

Practice in both oral and written language skills. Class activities are organized around cultural themes that reflect the diversity of the Hispanic world and its interconnectedness with the rest of the world. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-102 Elementary Spanish II**

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

Continues skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-105 Overview of Spanish Culture**

Credits:

1.00

Description:

This course, open only to students from Maryville University of St. Louis, offers a broad survey of Spanish history and culture. It focuses principally on key elements of geography, history, sociology, politics and traditions. The course will place special emphasis on Spanish culture and its problematic modernization, which is an issue with very important consequences for the intellectual productivity of this country.

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-H201 Honors Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-H202 Honors Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

A continuation of skills development from 201. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- **SPAN-210 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-295 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish

language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-299 Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

- **SPAN-H299 Honors Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-315 Business Spanish**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Diverse Perspectives

- **SPAN-340 Hispanic Culture Today: Trans-Atlantic Perspective**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

An examination of key issues in Hispanic culture today through the study of literature, film, music and TV. The purpose of the course is twofold: To introduce the students to major themes in recent Hispanic society and culture and, to develop the necessary skills to read and analyze literary texts and other cultural forms. Topics to be discussed include dictatorship and democracy, women and representation, political and domestic violence, national identity, immigration, and mass culture. The selected materials will include texts by authors like Manuel Rivas, Mario Vargas Llosa, Carlos Fuentes, Cristina Peri Rossi, Rosa Montero, Carlos Monsivais, and Roberto Bolano among others. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-350 Spanish Cultural Studies**

Credits:

4.00

Description:

This is an interdisciplinary course that will examine the historical and socio-economic causes of contemporary Spanish culture. Material will be drawn from a variety of sources including: history, sociology, gender studies, literature and philosophy. Extensive reference will be made to the non-Western cultures which have made Spain what it is today. (Usually taught in English). (Madrid campus only)

- **SPAN-360 Madrid Cosmopolitan City**

Prerequisites:

SPAN-290 or SPAN-300 or Instructor's consent

Credits:

4.00

Description:

This course is designed to provide students with a basic knowledge of the city of Madrid in terms of its historical, cultural, and social development. Contemporary aspects of the city such as its rise to prominence amongst the capitals of Europe and the phenomenon of recent immigration patterns will also be discussed. All classes will be conducted in Spanish. Specific grammar points will be reviewed as needed. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-370 Jewish, Islamic, & Christian Spain**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-407 Latin American Short Narrative**

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende,

Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• SPAN-410 Representation and Reality in Spanish Cinema

Credits:

4.00

Description:

This course offers the students a panoramic view of the most representative Spanish films from the 1950's until today, with special emphasis on its social, political, artistic and cultural context. Films will be viewed in Spanish with English subtitles. Conducted in English, the course will be open to both non-majors in Spanish as well as to advanced-level Spanish majors and minors, with the latter carrying out their written work and individual meetings with the instructor in Spanish.

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-417 Changes in Social Values in Spain 1975 - 2005

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended.

Credits:

4.00

Description:

In this course we will study the transition of Spain from dictatorship to democracy from an interdisciplinary perspective based mostly on the analysis of literary works, film, visual arts and music besides relevant theoretical articles by major Spanish and international intellectuals. Youth culture (sex, drugs and rock and roll), the feminist movement, nationalistic demands, and Spain's subsequent incorporation into the European Union will be highlighted. (Madrid campus only)

Type:

BA FOREIGN

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

• SPAN-425 Literature and Art in Latin America

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

• SPAN-427 Border Theater in the New Millennium

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

One hundred and sixty years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States- Mexico Border. Emphasis will be on contemporary border theater and film. The works of Salcedo, Mijares, Rascon Banda, and others will be studied as well as contemporary films and documentaries such as "Senorita Extraviada", "The Gatekeeper", "Crossing Arizona", and much more.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-510 Independent Study**

Prerequisites:

Instructor consent required.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-I295 Spanish in the Workplace Internship**

Credits:

4.00

Description:

Internship in Madrid, Spain. At least 12 hours a week working for an organization. Designed to give students an international professional learning opportunity. It takes place concurrently with SPAN 295.

- **SPAN-T301 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

- **SPAN-T302 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00- 2.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

2014-2015 Archived Catalog Information

Statistics Program

No major or minor offered. Selected courses in statistics are available each semester.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Statistics Program Courses](#)

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher.

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. Prerequisite: Math 130 or higher. 1 term - 4 credits (4 hours per week). Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-H250 Honors Applied Statistic**

Prerequisites:

MATH 130, 134, 146, or 165; Honors Course; GPA of 3.2

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Quantitative Reasoning

- **STATS-350 Applied Statistical Methods**

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

Type:

Social Science

- **STATS-R240 Statistics Recitation**

Credits:

0.00

Description:

This course is taken as a co-requisite to Stats240. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. On alternate weeks students work on individual and group homework.

2014-2015 Archived Catalog Information

Theatre

The Suffolk University Department of Theatre provides students with a well-rounded liberal arts education that integrates practical, experiential learning with the study of theatre history and literature.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Theatre Courses](#)

Major Requirements: 12 courses, 48 credits, plus 4 Practicum Courses

Core Requirements

- THETR-129 Acting

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

- **THETR-187 Intro to Stage Management**

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

- **THETR-191 The Freshman Experience**

Prerequisites:

Theatre Majors and minors only.

Credits:

1.00

Description:

This course helps orient Theatre Department Freshmen to university life while presenting them with practical information about the department. Topics will include production practicum, student showcases, auditioning, advising, capstone projects, internships and study abroad opportunities. Theatre professors, staff, and visiting professionals come to classes to discuss their areas of expertise. Students are made aware of arts activities on campus and in the city of Boston for which weekly journals are required. A script and performance of at least one play in Boston will be studied.

- **THETR-291 Professional Development**

Prerequisites:

Theatre majors or minors only.

Credits:

1.00

Description:

This course is designed to give you the tools to plan for and support your career path after graduation. Activities include audition/resume/ cover-letter workshops; interviewing techniques; dressing for success; networking; identifying your personal brand; professional internships; and deciding whether graduate school is right for you. Master classes with professional theatre artists and field trips to professional theatres will also be included.

- **THETR-488 Professional Internships**

Prerequisites:

instructor's consent and internship availability required

Credits:

1.00- 4.00

Description:

This course provides students with the opportunity to receive credit for their work on an approved internship assignment in the professional performing and visual art world. At the successful completion of the internship, students will be required to submit a written analysis of their experience as well as a journal documenting the daily events of their project. Professional internships are difficult to secure. Interested students are advised to contact members of the Theatre Department faculty at least one semester in advance to facilitate this opportunity.

Term:

Offered Both Fall and Spring

Choose three of the following courses:

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

Choose one of the following courses:

- **THETR-151 Introduction to Design**

Credits:

4.00

Description:

This rigorous class will give students the fundamental concepts, vocabulary and skills used to design for the stage such as: color, line, composition, research and script analysis. The class has a written component and is intended to prepare students to design workshop productions in the Studio Theatre. Students will be expected to complete a minimum of ten hours of production work for Theatre Department productions.

Term:

Offered Spring Term

- **THETR-152 Introduction to Stagecraft**

Credits:

4.00

Description:

This rigorous survey class will give students the fundamental concepts, vocabulary, and skill to implement basic scenery, lighting, costuming, props and sound. The class is intended to prepare students as technical support for workshop productions in the Studio Theatre. There is a written component and students will be expected to complete a minimum of ten hours of technical work on Theatre Department productions.

Term:

Offered Fall Term

Choose one of the following courses:

- **THETR-351 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-359 Lighting Design**

Prerequisites:

Take THETR-187 THETR-152 or THETR-151; or instructor's consent

Credits:

4.00

Description:

Students will explore the basic process of lighting design for the theatre through hands-on, practical experience, conceptual work, and a study of the history of lighting design. The course will focus on common vocabularies, descriptions of imageries from text, physical forms of design expression and general approach. In addition, students will learn basic skills in electrics to support the design process. Sample assignments might include written critiques of local productions, design approach statements with lighting research, lighted one act plays in the Studio Theatre, and lighting set models. Normally offered alternate years.

Term:

Occasional

- **THETR-433 Advanced Singing for the Stage: Broadway Musicals Today**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Focusing on musicals written from the 1990-the present e.g. Next to Normal, The Last Five Years, and Spring Awakening, this advanced studio course provides students with an integrated approach to singing and stage performance. The fast-paced tempo of the class will encourage students to build on their previous training and experience and to become increasingly independent as they prepare for auditions and performance work beyond the university. Private vocal coaching and acting coaching will be scheduled outside of class. Students will be expected to prepare selected solos or duets and learn additional choreographed group numbers which will be presented at the end of the term for a public performance.

Term:

Occasional

• THETR-461 Play Analysis

Credits:

4.00

Description:

This seminar course examines Shakespeare's plays and their modern correlatives. (i.e. Hamlet and The Seagull, King Lear and Endgame) Students read the texts out loud in class examining the meaning, action, objective, and philosophical and historical contexts with the professor. The goal is to get closer to the original intentions of the author and determine not only the basic theme and character relationships, but the kind of mind that could create such a play. In analyzing a modern play students also examine the impact of Shakespeare's mind on future playwrights. There will be a midterm paper and a final exam.

Term:

Offered Fall Term

• THETR-475 Directing II

Prerequisites:

THETR-375 or instructor's consent

Credits:

4.00

Description:

Directing II focuses on the development of an individual directorial point of view and explores a variety of theoretical and applied approaches to cultivating interpretive skills. The course also examines how the director reconciles traditional theatrical conventions and techniques with the ability to create fresh, innovative and personal results. Students will stage weekly theatrical responses to class readings in addition to creating a fully-realized final directing project.

Term:

Offered Spring Term

• **THETR-477 Playwriting II**

Prerequisites:

THETR-377 or instructor's consent

Credits:

4.00

Description:

Playwriting II is a continuation, deepening and thickening of the principles learned in Playwriting I. A course designed for dedicated writers, students are expected to explore a wide variety of playwriting challenges, skills and techniques. Student works will be regularly shared and discussed in class. Students will also be assigned plays by recognized playwrights to discuss and analyze in class. Playwriting II students are encouraged to participate in PlayDay!", an annual reading of new student-written plays. Normally offered alternate years.

Term:

Occasional

Choose one of the following courses:

- **THETR-233 Introduction to Singing for the Stage: Classic Musical Comedies**

Credits:

4.00

Description:

Focusing on classic musical comedies from 1910-1950 e.g. Anything Goes, Kiss Me Kate, and Guys and Dolls this skills-based studio course introduces students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Students will work on assigned songs, duets, and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

- **THETR-322 Acting for the Camera**

Prerequisites:

THETR-129 or instructor's consent

Credits:

4.00

Description:

This course gives students an understanding of the acting challenges unique to film, television, and commercial acting and helps them develop an effective process for on-camera performance. The material in this class is drawn from various media as well as from students' own research and writing. Class exercises and presentations are video taped, viewed, and critiqued by the students and the instructor as students grow and learn. Students also become familiar with the language and demands of professional production as well as how the technical process affects their performance.

Term:

Offered Fall Term

- **THETR-323 Audition Training**

Credits:

4.00

Description:

Learning how to prepare for effective auditions is essential training for anyone who wishes to be cast in theatre productions. This studio course will provide practical guidelines and useful strategies to help students be at their best during the always competitive audition process. Over the course of the term students will not only prepare to participate confidently in professional and non-professional auditions, but learn to enjoy the journey as well.

Term:

Offered Fall Term

- **THETR-329 Acting II**

Prerequisites:

THETR 229 or THETR-129 or instructor's consent

Credits:

4.00

Description:

A continuation of Acting I with special emphasis on verse and heightened language. Students will explore acting Shakespeare and other classical plays and will rehearse and perform short projects. Students will also learn to think, read and write about classical performance.

Term:

Offered Fall Term

- **THETR-333 Singing for the Stage: Rock, Pop, & Progressive**

Credits:

4.00

Description:

Focusing on classic rock, pop, and progressive musicals from the 1970s-1990s, e.g. A Chorus Line, Chicago, and Into the Woods this studio course provides students with an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. They will also be introduced to basic music theory and how to plunk out notes on a piano - skills that will make them more independent and confident performers. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Assigned solos and choreographed group numbers will be presented weekly in class and at the end of the term in a recital for an invited audience.

Term:

Occasional

• THETR-334 Singing for the Stage: Musicals From the Golden Age

Credits:

4.00

Description:

Focusing on classic musicals from 1950-1970 e.g., Pajama Game, Fiddler on the Roof, and Cabaret, this skills-based studio course exposes students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. All students will work on assigned songs and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

• THETR-421 Combat, Clown and Characters

Prerequisites:

THETR-201 OR THETR-229 or instructor's consent

Credits:

4.00

Description:

Students compliment their practical theatre training with a wide range of physical and vocal skills. This three part class focuses on the art of creating a clown, the ability to safely build and execute a stage fight, and special work on creating a three dimensional character for the stage. Normally offered alternate years.

Term:

Occasional

Production Practicum Requirement

All Theatre majors are required to have two Theatre department performance and two Theatre department production experiences.

Note: All students must complete at least one practicum for credit to complete the ECR requirement. THETR-100 and THETR-102 are offered for no credit; THETR-200 and THETR-202 are offered for credit.

- **THETR-100 Theatre Practicum: Performance**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. May be taken more than once.

Term:

Offered Both Fall and Spring

- **THETR-200 Theatre Practicum: Performance**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **THETR-102 Theatre Practicum: Production**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

- **THETR-202 Theatre Practicum: Production**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once.
ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

2014-2015 Archived Catalog Information

Theatre

The Suffolk University Department of Theatre provides students with a well-rounded liberal arts education that integrates practical, experiential learning with the study of theatre history and literature.

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- [Major Requirements](#)
- [Minor Requirements](#)
- [Theatre Courses](#)

Minor Requirements: 5 courses, 20 credits plus 2 Practicum Courses

Core Requirements (3 courses, 12 credits)

- THETR-129 Acting

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

Choose one of the following courses:

- **THETR-151 Introduction to Design**

Credits:

4.00

Description:

This rigorous class will give students the fundamental concepts, vocabulary and skills used to design for the stage such as: color, line, composition, research and script analysis. The class has a written component and is intended to prepare students to design workshop productions in the Studio Theatre. Students will be expected to complete a minimum of ten hours of production work for Theatre Department productions.

Term:

Offered Spring Term

- **THETR-152 Introduction to Stagecraft**

Credits:

4.00

Description:

This rigorous survey class will give students the fundamental concepts, vocabulary, and skill to implement basic scenery, lighting, costuming, props and sound. The class is intended to prepare students as technical support for workshop productions in the Studio Theatre. There is a written component and students will be expected to complete a minimum of ten hours of technical work on Theatre Department productions.

Term:

Offered Fall Term

- **THETR-187 Intro to Stage Management**

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

Choose one of the following courses:

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

Elective Requirements (2 courses, 8 credits)

Select any two approved Theatre courses, one being 300-level or higher.

Production Practicum Requirement:

All Theatre minors are required to have one performance experience and one production crew experience.

Note: All students must complete at least one practicum for credit to complete the ECR requirement. THETR-100 and THETR-102 are offered for no credit; THETR-200 and THETR-202 are offered for credit.

• THETR-100 Theatre Practicum: Performance

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management

may. May be taken more than once.

Term:

Offered Both Fall and Spring

• THETR-200 Theatre Practicum: Performance

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• THETR-102 Theatre Practicum: Production

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

• THETR-202 Theatre Practicum: Production

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once.
ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

2014-2015 Archived Catalog Information

Theatre

The Suffolk University Department of Theatre provides students with a well-rounded liberal arts education that integrates practical, experiential learning with the study of theatre history and literature.

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- [Major Requirements](#)
- [Minor Requirements](#)
- [Theatre Courses](#)

- **THETR-100 Theatre Practicum: Performance**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. May be taken more than once.

Term:

Offered Both Fall and Spring

- **THETR-102 Theatre Practicum: Production**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

- **THETR-120 Theatre Practicum**

Credits:

0.00

Description:

Non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for section A for performance activities such as acting, directing, and writing, and section B for production related activities such as tech crew, design, and running shows. Stage management may fulfill either category. May be taken more than once.

Term:

Offered Both Fall and Spring

- **THETR-129 Acting**

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

- **THETR-139 Vocal Technique**

Credits:

4.00

Description:

Vocal Technique provides students with an essential foundation to help ensure the safe and effective use of the speaking and singing voice. Topics will include alignment, relaxation, breath support, placement, resonance, vocal anatomy, and the care and protection of the voice under normal and stressful situations. Students will do oral presentations and have the option of singing in a master class setting. This is a studio course with a written component.

Term:

Offered Both Fall and Spring

- **THETR-140 Dance: Jazz I**

Credits:

4.00

Description:

This largely experiential course with a written component introduces students to the fundamentals of jazz. Classes will consist of a warm-up followed by floor exercises and sequences. Students will choreograph their own dances individually or in groups to be performed at the end of the semester. Students are expected to dress in dance attire. No dance experience is required. Normally offered every year

- **THETR-144 Dance Essentials I**

Credits:

4.00

Description:

This is a course for the student who always wanted to learn the basics of dance as well as the student returning to dance. Class work includes exercises that build alignment, strength, and flexibility and movement patterns that focus on musicality and coordination. Students will read about the history of dance and the anatomy of dance, will have weekly worksheets responding to the assigned reading, will view videos of dance, and will learn to think and write critically about dance and its many forms. The exhilaration of movement will be experienced by everyone. Dance attire is required in the form of leotard and tights or yoga attire plus socks or ballet or jazz shoes.

Term:

Occasional

- **THETR-151 Introduction to Design**

Credits:

4.00

Description:

This rigorous class will give students the fundamental concepts, vocabulary and skills used to design for the stage such as: color, line, composition, research and script analysis. The class has a written component and is intended to prepare students to design workshop productions in the Studio Theatre. Students will be expected to complete a minimum of ten hours of production work for Theatre Department productions.

Term:

Offered Spring Term

- **THETR-152 Introduction to Stagecraft**

Credits:

4.00

Description:

This rigorous survey class will give students the fundamental concepts, vocabulary, and skill to implement basic scenery, lighting, costuming, props and sound. The class is intended to prepare students as technical support for workshop productions in the Studio Theatre. There is a written component and students will be expected to complete a minimum of ten hours of technical work on Theatre Department productions.

Term:

Offered Fall Term

• THETR-187 Intro to Stage Management

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

• THETR-191 The Freshman Experience

Prerequisites:

Theatre Majors and minors only.

Credits:

1.00

Description:

This course helps orient Theatre Department Freshmen to university life while presenting them with practical information about the department. Topics will include production practicum, student showcases, auditioning, advising, capstone projects, internships and study abroad opportunities. Theatre

professors, staff, and visiting professionals come to classes to discuss their areas of expertise. Students are made aware of arts activities on campus and in the city of Boston for which weekly journals are required. A script and performance of at least one play in Boston will be studied.

- **THETR-200 Theatre Practicum: Performance**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **THETR-202 Theatre Practicum: Production**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once.
ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• THETR-220 Theatre Practicum

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Written work includes a production log signed by the supervisor and a narrative journal. Credits may be used to satisfy the Theatre practicum requirement for Theatre majors and minors. Students should register for section A for performance activities such as acting, directing, and writing, and section B for production related activities such as tech crew, design, and running shows. Stage management may fulfill either category. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• THETR-221 Voice and Movement for Actors

Credits:

4.00

Description:

Professional actors engage in rigorous voice and movement training throughout their careers. This course provides students with the theory and practical training to free and develop their natural voices for the stage. They will also explore physical acting through improvisation and a series of exercises that will expand their ability to respond reflexively and organically to their instincts. Wear comfortable clothing.

Term:

Alternates Fall & Spring

- **THETR-225 Intro to Theatre Arts**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-226 Intro to Theatre Arts II**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-227 Introduction to Theatre Arts III

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

• THETR-229 Acting I

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

- **THETR-232 Acting for the Camera**

Prerequisites:

THETR-229 or instructor's consent

Credits:

4.00

Description:

This course gives students an understanding of the acting challenges unique to film, television, and commercial acting and helps them develop an effective process for on-camera performance. The material in this class is drawn from various media as well as from students' own research and writing. Class exercises and presentations are video taped, viewed, and critiqued by the students and the instructor as students grow and learn. Students also become familiar with the language and demands of professional production as well as how the technical process affects their performance.

Term:

Offered Fall Term

- **THETR-233 Introduction to Singing for the Stage: Classic Musical Comedies**

Credits:

4.00

Description:

Focusing on classic musical comedies from 1910-1950 e.g. Anything Goes, Kiss Me Kate, and Guys and Dolls this skills-based studio course introduces students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Students will work on assigned songs, duets, and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

• THETR-234 Acting the Song

Credits:

4.00

Description:

This studio course will focus on techniques to develop fresh, organic interpretations of musical theatre songs that illuminate not only the nuances of the music and lyric but the character singing as well. Working with classic musicals from the 1920s - 1940s, students engage in musical and dramatic analysis of the libretto and score and the historical and theatrical contexts of the musical. They are provided regular in-class performance opportunities and private vocal coaching outside of class. At the end of the term students present scenes and songs in a recital for an invited audience. Normally offered alternate years.

Term:

Occasional

• THETR-237 Intro to Stage Management

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

- **THETR-240 Dance Essentials I**

Credits:

4.00

Description:

This is a course for the student who always wanted to learn the basics of dance as well as the student returning to dance. Class work includes centering, attention to placement, and the development of strength, flexibility, and musicality. Students will learn to think and write critically about the form. Dance attire is required.

Term:

Occasional

- **THETR-241 Jazz**

Credits:

4.00

Description:

This largely experiential course with a written component introduces students to the fundamentals of jazz. Classes will consist of a warm-up followed by floor exercises and sequences. Students will choreograph their own dances individually or in groups to be performed at the end of the semester. Students are expected to dress in dance attire. No dance experience is required. Normally offered every year

- **THETR-243 Sabar: Music and Dance of Senegal**

Credits:

4.00

Description:

This course explores the history and practice of music and dance in Senegal, West Africa taught through lectures, readings, and studio classes which are accompanied by live African drumming. Proper dance attire is required.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- **THETR-245 Broadway Dance**

Credits:

4.00

Description:

Grounded in the fundamentals of dance, this course will focus on the rigors and vitality of dances created for the Broadway musical. Students will learn about the history of Broadway dance and will present choreography developed in class at the end of the semester for an invited audience. Students will learn to think and write critically about the form. Dance attire is required.

Term:

Occasional

- **THETR-249 Modern Dance I**

Credits:

4.00

Description:

This course explores the history and techniques of modern dance, a uniquely American form. Classes will be comprised of warm-ups, floor work, and choreographed combinations. Students will learn to think and write critically about the form. The course will culminate with a presentation of modern dance choreographed by the instructor for an invited audience. Dance attire is required.

Term:

Offered Fall Term

- **THETR-250 Introduction to Stagecraft**

Credits:

4.00

Description:

This rigorous survey class will give students the fundamental concepts, vocabulary, and skill to implement basic scenery, lighting, costuming, props and sound. The class is intended to prepare students as technical support for workshop productions in the Studio Theatre. There is a written component and students will be expected to complete a minimum of ten hours of technical work on Theatre Department productions.

Term:

Offered Fall Term

- **THETR-251 Introduction to Design**

Credits:

4.00

Description:

This rigorous class will give students the fundamental concepts, vocabulary and skills used to design for the stage such as: color, line, composition, research and script analysis. The class has a written component and is intended to prepare students to design workshop productions in the Studio Theatre. Students will be expected to complete a minimum of ten hours of production work for Theatre Department productions.

Term:

Offered Spring Term

• THETR-253 Modern Dance II

Credits:

4.00

Description:

This course is designed to be a continuation of Modern Dance I with more challenging choreography. The writing component of this class will focus on post-1950s choreographers as well as special topics and current events in the modern dance world. Proper dance attire required.

• THETR-260 Broadway Musicals

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-263 Sabar: Music and Dance of Senegal

Credits:

4.00

Description:

This course explores the history and practice of music and dance in Senegal, West Africa taught through lectures, readings, and studio classes which are accompanied by live African drumming. Proper dance attire is required.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-H266 Intro to Theatre: Twentieth Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Type:

Humanities & History

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and

Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-273 Audition Training

Credits:

4.00

Description:

Learning how to prepare for effective auditions is essential training for anyone who wishes to be cast in theatre productions. This studio course will provide practical guidelines and useful strategies to help students be at their best during the always competitive audition process. Over the course of the term students will not only prepare to participate confidently in professional and non-professional auditions, but learn to enjoy the journey as well.

Term:

Offered Fall Term

• THETR-281 Arts Administration I

Credits:

4.00

Description:

The expansive world of arts administration provides a wealth of rewarding career opportunities. This course will provide a fundamental overview of the managing, marketing, fundraising, and financial management functions of the performing and visual arts organizations. Using Suffolk's Modern Theatre as a laboratory, as well as site visits to some of Boston's greatest arts and culture institutions, we will investigate real world successes and

challenges and discover what special talents each individual student can bring to the management mix. This course is a core requirement for Suffolk's new interdisciplinary Arts Administration minor.

- **THETR-289 Managing the Start-Up Arts Organization**

Credits:

4.00

Description:

Managing a start-up arts organization requires not only the financial, programming, development and interpersonal skills of day-to-day arts management, but the additional creative and imaginative abilities to attract and manage stakeholders, brand the organization, and create governance and hierarchical structures. Using Suffolk's new Modern Theatre as a laboratory, we will investigate the process of starting-up, how it differs from organization to organization, and what special talents each individual student can bring to the management mix. Reading and writing are required for the course, as well as specific work projects either at the Modern or at a local start-up.

Term:

Occasional

- **THETR-291 Professional Development**

Prerequisites:

Theatre majors or minors only.

Credits:

1.00

Description:

This course is designed to give you the tools to plan for and support your career path after graduation. Activities include audition/resume/ cover-letter workshops; interviewing techniques; dressing for success; networking; identifying your personal brand; professional internships; and deciding whether graduate school is right for you. Master classes with professional theatre artists and field trips to professional theatres will also be included.

- **THETR-299 Vocal Technique**

Credits:

4.00

Description:

Vocal Technique provides students with an essential foundation to help ensure the safe and effective use of the speaking and singing voice. Topics will include alignment, relaxation, breath support, placement, resonance, vocal anatomy, and the care and protection of the voice under normal and stressful situations. Students will do oral presentations and have the option of singing in a master class setting. This is a studio course with a written component.

Term:

Offered Both Fall and Spring

- THETR-301 Acting the Song I

Credits:

4.00

Description:

This studio course will focus on techniques to develop fresh, organic interpretations of musical theatre songs that illuminate not only the nuances of the music and lyric but the character singing as well. Working with classic musicals from the 1920s - 1940s, students engage in musical and dramatic analysis of the libretto and score and the historical and theatrical contexts of the musical. They are provided regular in-class performance opportunities and private vocal coaching outside of class. At the end of the term students present scenes and songs in a recital for an invited audience. Normally offered alternate years.

Term:

Occasional

- THETR-302 Acting the Song II

Credits:

4.00

Description:

A continuation of Acting the Song I, focusing on classical musical theatre repertoire from the 1950s-1970s. Normally offered alternate years.

Term:

Occasional

• THETR-303 Vocal Coaching I

Credits:

4.00

Description:

Focusing on classic musicals from 1980 to 1995, this studio course provides the technical tools and practical experience to significantly increase confidence and expressiveness in musical theatre performance. Students study the fundamentals of music theory to strengthen their musical literacy, sharpen their analytical skills, and stimulate their growing independence as an artist. The course also helps students to more fully appreciate the organic and symbiotic nature of music and drama. Students are encouraged to perform regularly in class and to take advantage of private coaching sessions outside of class. Students will learn to think and write critically about the form. At the end of the term students perform in a musical theatre performance for an invited audience. Normally offered alternate years.

Term:

Occasional

• THETR-304 Vocal Coaching II

Credits:

4.00

Description:

This course is a continuation of Vocal Coaching I focusing on the music of living composers from 1996 to the present. Students may sign up for private coaching sessions as part of their weekly preparation for the course. Students will learn to think and write critically about the form. Normally offered alternate years.

Term:

Occasional

- THETR-307 Playwriting I

Credits:

4.00

Description:

An introduction to playwriting, students will be required to submit weekly assignments which explore and refine fundamental components of the dramatist's craft including plot, character, conflict, voice, dialogue, rhythm, point of view, surprise, structure, and style. Students are encouraged to participate in both Play Day!", an annual reading of new student-written plays, and the American College Theatre Festival.

Term:

Offered Fall Term

- THETR-309 Managing the Start-Up Arts Organization

Credits:

4.00

Description:

Managing a start-up arts organization requires not only the financial, programming, development and interpersonal skills of day-to-day arts management, but the additional creative and imaginative abilities to attract and manage stakeholders, brand the organization, and create governance and hierarchical structures. Using Suffolk's new Modern Theatre as a laboratory, we will investigate the process of starting-up, how it differs from organization to organization, and what special talents each individual student can bring to the management mix. Reading and writing are required for the course, as well as specific work projects either at the Modern or at a local start-up.

Term:

Occasional

- THETR-310 Broadway Musicals

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• THETR-319 Study Abroad: Flamenco in Madrid

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This is a three week, four credit, faculty led intensive course in Flamenco dance. The study of Flamenco immerses students in the rich cultural heritage of Spain's most popular and passionate art form. This unique program blends studio classes in the heart of Madrid with a study of the vibrant history and culture of Spain. Students interested in study abroad are encouraged to take language courses in the Humanities Department.

Term:

Occasional

Type:

Expanded Classroom Requirement,Cultural Diversity Opt B

• THETR-322 Acting for the Camera

Prerequisites:

THETR-129 or instructor's consent

Credits:

4.00

Description:

This course gives students an understanding of the acting challenges unique to film, television, and commercial acting and helps them develop an effective process for on-camera performance. The material in this class is drawn from various media as well as from students' own research and writing. Class exercises and presentations are video taped, viewed, and critiqued by the students and the instructor as students grow and learn. Students also become familiar with the language and demands of professional production as well as how the technical process affects their performance.

Term:

Offered Fall Term

- **THETR-323 Audition Training**

Credits:

4.00

Description:

Learning how to prepare for effective auditions is essential training for anyone who wishes to be cast in theatre productions. This studio course will provide practical guidelines and useful strategies to help students be at their best during the always competitive audition process. Over the course of the term students will not only prepare to participate confidently in professional and non-professional auditions, but learn to enjoy the journey as well.

Term:

Offered Fall Term

- **THETR-325 Women on Stage**

Credits:

4.00

Description:

How do playwrights of different backgrounds and genders interpret female-ness? This class explores some of the great heroines of dramatic literature, as well as female playwrights and performers. Students will be encouraged to indulge their taste for drama, as well as ask deeper questions about how women on stage are presented, perceived, and constructed. Students will read, write and discuss plays in terms of their structure, plot, theme, and characterizations. Class activities may include watching videos and attending live theatrical productions.

Term:

Occasional

Type:

Cultural Diversity Opt A

• **THETR-329 Acting II**

Prerequisites:

THETR 229 or THETR-129 or instructor's consent

Credits:

4.00

Description:

A continuation of Acting I with special emphasis on verse and heightened language. Students will explore acting Shakespeare and other classical plays and will rehearse and perform short projects. Students will also learn to think, read and write about classical performance.

Term:

Offered Fall Term

• **THETR-331 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-332 Acting for the Camera II**

Prerequisites:

Take THETR-232 or Instructor's consent

Credits:

4.00

Description:

Applying skills introduced in Acting for the Camera I, students produce and perform in a showcase video with more demanding material. Included in this course is a focus on the business of film and television work as it affects an acting career. From auditioning skills to on-set work ethics, students will work in class and on film locations to experience the realities of the film and television industries and learn to think and write critically about on camera performance. Each student will have the opportunity to put together a demo reel showcasing their acting work prepared for class.

Term:

Offered Spring Term

- **THETR-333 Singing for the Stage: Rock, Pop, & Progressive**

Credits:

4.00

Description:

Focusing on classic rock, pop, and progressive musicals from the 1970s-1990s, e.g. A Chorus Line, Chicago, and Into the Woods this studio course provides students with an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. They will also be introduced to basic music theory and how to plunk out notes on a piano - skills that will make them more independent and confident performers. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Assigned solos and choreographed group numbers will be presented weekly in class and at the end of the term in a recital for an invited audience.

Term:

Occasional

• THETR-334 Singing for the Stage: Musicals From the Golden Age

Credits:

4.00

Description:

Focusing on classic musicals from 1950-1970 e.g., Pajama Game, Fiddler on the Roof, and Cabaret, this skills-based studio course exposes students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. All students will work on assigned songs and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

• THETR-339 Lighting Design

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

Students will explore the basic process of lighting design for the theatre through hands-on, practical experience, conceptual work, and a study of the history of lighting design. The course will focus on common vocabularies, descriptions of imageries from text, physical forms of design expression and general approach. In addition, students will learn basic skills in electrics to support the design process. Sample assignments might include written critiques of local productions, design approach statements with lighting research, lighted one act plays in the Studio Theatre, and lighting set models. Normally offered alternate years.

Term:

Occasional

- **THETR-345 Broadway Dance**

Credits:

4.00

Description:

Grounded in the fundamentals of dance, this course will focus on the rigors and vitality of dances created for the Broadway musical. Students will learn about the history of Broadway dance and will present choreography developed in class at the end of the semester for an invited audience. Students will learn to think and write critically about the form. Dance attire is required.

Term:

Occasional

- **THETR-347 The Art and Artistry of Calling a Show**

Prerequisites:

THETR-237 or instructor's consent

Credits:

4.00

Description:

In calling a show the stage manager cues all technicians to effect changes in lighting, sound, flying elements and special effects during performances. A well-called show is an artistic achievement no less than a well-acted, directed or designed show. Building on the ability to make a complete and accurate stage manager's book learned in Intro to Stage Management, this course will teach calling skills for theatre, opera, dance and performance art. The course will demonstrate the construction of cues and how they promote the artistic vision of the production. In-class work will utilize the Studio Theatre and give students real-time opportunities for calling cues, and will include play reading and analysis. Outside class work will include attending and writing analyses of professional performances.

Term:

Occasional

• THETR-351 Set Design

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• THETR-356 Introduction to Costume Design

Prerequisites:

THETR 250 OR THETR 251 or by instructor's permission.

Credits:

4.00

Description:

This is a comprehensive studio course with a written component. The course explores many aspects of the design process including concept, research, collaboration, and full renderings. Normally offered alternate years.

- **THETR-359 Lighting Design**

Prerequisites:

Take THETR-187 THETR-152 or THETR-151; or instructor's consent

Credits:

4.00

Description:

Students will explore the basic process of lighting design for the theatre through hands-on, practical experience, conceptual work, and a study of the history of lighting design. The course will focus on common vocabularies, descriptions of imageries from text, physical forms of design expression and general approach. In addition, students will learn basic skills in electrics to support the design process. Sample assignments might include written critiques of local productions, design approach statements with lighting research, lighted one act plays in the Studio Theatre, and lighting set models. Normally offered alternate years.

Term:

Occasional

- **THETR-361 Combat, Clown and Characters**

Prerequisites:

THETR-201 OR THETR-229 or instructor's consent

Credits:

4.00

Description:

Students compliment their practical theatre training with a wide range of physical and vocal skills. This three part class focuses on the art of creating a clown, the ability to safely build and execute a stage fight, and special work on creating a three dimensional character for the stage. Normally offered alternate years.

Term:

Occasional

- **THETR-362 Women on Stage**

Credits:

4.00

Description:

How do playwrights of different backgrounds and genders interpret female-ness? This class explores some of the great heroines of dramatic literature, as well as female playwrights and performers. Students will be encouraged to indulge their taste for drama, as well as ask deeper questions about how women on stage are presented, perceived, and constructed. Students will read, write and discuss plays in terms of their structure, plot, theme, and characterizations. Class activities may include watching videos and attending live theatrical productions.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **THETR-364 Dramaturgy**

Prerequisites:

THETR-225, THETR-226, THETR-227, THETR-310, THETR-307, THETR-405, THETR-450, THETR-455, THETR-460, THETR-489, THETR-507 or THETR-510 or instructor's consent

Credits:

4.00

Description:

This course will explore the fundamentals of dramatic structure and investigate the various roles of the contemporary dramaturg. Through the in-depth analysis of texts, students will follow Aristotle's example in *The Poetics* and attempt to figure out what makes great plays tick. Weekly reading and writing assignments will be supplemented by live theatrical performances.

Term:

Occasional

- **THETR-375 Directing I**

Credits:

4.00

Description:

This conservatory-style course provides students with fundamental directing skills through lectures, readings, and weekly projects that explore composition, staging, text analysis, and directorial communication skills. Students in this course become eligible to propose their own projects to the Theatre Department for production consideration. Directing students are also encouraged to stage manage and assistant direct faculty productions both in and outside of the Department.

Term:

Offered Fall Term

- **THETR-377 Playwriting**

Credits:

4.00

Description:

An introduction to playwriting, students will be required to submit weekly assignments which explore and refine fundamental components of the dramatist's craft including plot, character, conflict, voice, dialogue, rhythm, point of view, surprise, structure, and style. Students are encouraged to

participate in Play Day!", an annual reading of new student-written plays. Normally offered every year.

- **THETR-384 The Art and Artistry of Calling a Show**

Prerequisites:

THETR-237 or instructor's consent

Credits:

4.00

Description:

In calling a show the stage manager cues all technicians to effect changes in lighting, sound, flying elements and special effects during performances. A well-called show is an artistic achievement no less than a well-acted, directed or designed show. Building on the ability to make a complete and accurate stage manager's book learned in Intro to Stage Management, this course will teach calling skills for theatre, opera, dance and performance art. The course will demonstrate the construction of cues and how they promote the artistic vision of the production. In-class work will utilize the Studio Theatre and give students real-time opportunities for calling cues, and will include play reading and analysis. Outside class work will include attending and writing analyses of professional performances.

Term:

Occasional

- **THETR-400 Playwriting I**

Credits:

4.00

Description:

An introduction to playwriting, students will be required to submit weekly assignments which explore and refine fundamental components of the dramatist's craft including plot, character, conflict, voice, dialogue, rhythm, point of view, surprise, structure, and style. Students are encouraged to participate in Play Day!", an annual reading of new student-written plays. Normally offered every year.

- **THETR-401 Playwriting II**

Credits:

4.00

Description:

A course designed for serious writers. Each week students will share works-in-progress to be read and discussed. Students will also be assigned short plays to analyze in class. All Playwriting II students will be expected to bring a sample of their work to the first class. Students are encouraged to participate in Play Day!, an annual reading of new student-written plays. Prerequisite: Playwriting I or by permission of the instructor 1 Term - 4 Credits
Normally offered alternate years.

• THETR-402 Vocal Coaching III

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

A rigorous, fast-paced studio course for motivated students with demonstrated proficiency in musical theatre performance. Building on basic music and acting theory explored in Vocal Coaching I and II and Acting the Song I and II, students will be expected to analyze and perform challenging new and known songs representing a wide range of styles and periods. Students will also be expected to write and think critically about musical theatre performance and prepare for at least one professional musical theatre audition outside the university. The class will culminate in a recital for an invited audience.

Term:

Occasional

• THETR-403 Solo Performance

Prerequisites:

THETR-229 or THETR-425 or instructor's consent

Credits:

4.00

Description:

This advanced level acting course introduces students to the world of performance art utilizing research, writing and performance techniques. Source material may be fictional, historical, personal or contemporary figures of particular interest to the student. Students will research and create their own pieces to be performed at the end of the term for an invited audience.

Term:

Offered Spring Term

• THETR-405 Play Analysis

Credits:

4.00

Description:

This seminar course examines Shakespeare's plays and their modern correlatives. (i.e. Hamlet and The Seagull, King Lear and Endgame) Students read the texts out loud in class examining the meaning, action, objective, and philosophical and historical contexts with the professor. The goal is to get closer to the original intentions of the author and determine not only the basic theme and character relationships, but the kind of mind that could create such a play. In analyzing a modern play students also examine the impact of Shakespeare's mind on future playwrights. There will be a midterm paper and a final exam.

Term:

Offered Fall Term

• THETR-407 Playwriting II

Prerequisites:

THETR-307 or instructor's consent

Credits:

4.00

Description:

Playwriting II is a continuation, deepening and thickening of the principles learned in Playwriting I. A course designed for dedicated writers, students are expected to explore a wide variety of playwriting challenges, skills and techniques. Student works will be regularly shared and discussed in class. Students will also be assigned plays by recognized playwrights to discuss and analyze in class. Playwriting II students are encouraged to participate in PlayDay!", an annual reading of new student-written plays. Normally offered alternate years.

Term:

Occasional

- **THETR-411 Experimental Theatre Ensemble**

Prerequisites:

By invitation by Professor Savick.

Credits:

8.00

Description:

This course is intended to serve as a professional internship for students who have demonstrated superior dedication and ability in their work within the Theatre Department. In 2004, Professor Wesley Savick launched a theatre company whose mission is to create original, experimental, political theatre in Boston. The company is comprised exclusively of Suffolk University students and was conceived to provide select students with a transitional opportunity between their undergraduate experience and the professional world. Students may apply by submitting a letter of interest to the Theatre Department by the end of the Fall term.

- **THETR-418 Professional Internships**

Prerequisites:

instructor's consent and internship availability required

Credits:

1.00- 4.00

Description:

This course provides students with the opportunity to receive credit for their work on an approved internship assignment in the professional performing and visual art world. At the successful completion of the internship, students will be required to submit a written analysis of their experience as well as a journal documenting the daily events of their project. Professional internships are difficult to secure. Interested students are advised to contact members of the Theatre Department faculty at least one semester in advance to facilitate this opportunity.

Term:

Offered Both Fall and Spring

- **THETR-421 Combat, Clown and Characters**

Prerequisites:

THETR-201 OR THETR-229 or instructor's consent

Credits:

4.00

Description:

Students compliment their practical theatre training with a wide range of physical and vocal skills. This three part class focuses on the art of creating a clown, the ability to safely build and execute a stage fight, and special work on creating a three dimensional character for the stage. Normally offered alternate years.

Term:

Occasional

- **THETR-422 Acting for the Camera II**

Prerequisites:

Take THETR-232 or Instructor's consent

Credits:

4.00

Description:

Applying skills introduced in Acting for the Camera I, students produce and perform in a showcase video with more demanding material. Included in this course is a focus on the business of film and television work as it affects an acting career. From auditioning skills to on-set work ethics, students will work in class and on film locations to experience the realities of the film and television industries and learn to think and write critically about on camera performance. Each student will have the opportunity to put together a demo reel showcasing their acting work prepared for class.

Term:

Offered Spring Term

- **THETR-425 Directing I**

Credits:

4.00

Description:

This conservatory-style course provides students with fundamental directing skills through lectures, readings, and weekly projects that explore composition, staging, text analysis, and directorial communication skills. Students in this course become eligible to propose their own projects to the Theatre Department for production consideration. Directing students are also encouraged to stage manage and assistant direct faculty productions both in and outside of the Department. Normally offered every year.

- **THETR-427 Acting Styles**

Prerequisites:

THETR 229 AND THETR 329

Credits:

4.00

Description:

This studio course offers an advanced study of classic and poetic texts. Each week students prepare and present monologues, scenes, and sonnets for class discussion. Normally offered alternate years.

- **THETR-433 Advanced Singing for the Stage: Broadway Musicals Today**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Focusing on musicals written from the 1990-the present e.g. Next to Normal, The Last Five Years, and Spring Awakening, this advanced studio course provides students with an integrated approach to singing and stage performance. The fast-paced tempo of the class will encourage students to build on their previous training and experience and to become increasingly independent as they prepare for auditions and performance work beyond the university. Private vocal coaching and acting coaching will be scheduled outside of class. Students will be expected to prepare selected solos or duets and learn additional choreographed group numbers which will be presented at the end of the term for a public performance.

Term:

Occasional

- **THETR-444 Choreography I**

Credits:

4.00

Description:

This course encourages students to develop a broad palette of choreographic tools drawn from the work of early modern choreographers and theorists and post-modern techniques. The process of the class will include structured improvisations, analysis of historical and contemporary dance works, the development of a critical response process, journaling, and the creation of original solo and group work. Additionally, students will attend two dance concerts throughout the semester and submit written critiques of each performance. The class will culminate in the performance of self-selected compositions for an invited audience. Proper dance attire is required.

- **THETR-450 Special Topics in Theatre**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

This course is designed by the Theatre Department to serve as an intensive exploration of a special topic in theatre and/or performance studies.

- **THETR-451 Set Design II**

Prerequisites:

THETR 331 or Instructor's Consent

Credits:

4.00

Description:

Taking up where THETR 331 left off, Set Design II is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways at a much higher level of project realization. In addition to class work, students will develop advanced skills in model building, drafting and painting through independent studio work and individual meetings with the professor outside of class. Students will need a variety of painting and drawing supplies and equipment. Meets concurrently with Set Design I.

Term:

Occasional

- **THETR-455 The American Resident Theatre**

Credits:

4.00

Description:

This course will examine some of the principal art theatres in this country beginning with the early days of the Provincetown Players and continuing up to the present day. By examining material about their histories, often written by their founding directors, students will determine when these theatres fed off each other's ideas and ideals, and when they set off in entirely new directions. The course will also explore the viability of not-for-profit institutions in a corporate society.

Term:

Occasional

- **THETR-460 A House for Words to Live In**

Prerequisites:

Prerequisites: THETR225 or THETR226, or THETR227 and THETR250 or THETR251 or THETR237 (or permission of the instructor)

Credits:

4.00

Description:

An upper level course, of interest to directors and dramaturges as well as designers, about a remarkable period in American theatre history, explored within the context of four stage designers and the playwrights with whom they collaborated. Scripts by O'Neil, Williams, Miller, and Odets will be studied in conjunction with their revelatory original designs, which have become as iconic as the plays themselves. The designer's process, the collaborative nature of theatrical production, and the advances in theatre technology will also be explored. The course will have a seminar format, require independent reading and research, and be writing intensive, culminating with a final term paper presented to the class.

Term:

Occasional

- **THETR-461 Play Analysis**

Credits:

4.00

Description:

This seminar course examines Shakespeare's plays and their modern correlatives. (i.e. Hamlet and The Seagull, King Lear and Endgame) Students read the texts out loud in class examining the meaning, action, objective, and philosophical and historical contexts with the professor. The goal is to get closer to the original intentions of the author and determine not only the basic theme and character relationships, but the kind of mind that could create such a play. In analyzing a modern play students also examine the impact of Shakespeare's mind on future playwrights. There will be a midterm paper and a final exam.

Term:

Offered Fall Term

- **THETR-462 Special Topics in Theatre**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

This course is designed by the Theatre Department to serve as an intensive exploration of a special topic in theatre and/or performance studies.

- **THETR-465 The American Resident Theatre**

Credits:

4.00

Description:

This course will examine some of the principal art theatres in this country beginning with the early days of the Provincetown Players and continuing up to the present day. By examining material about their histories, often written by their founding directors, students will determine when these theatres fed off each other's ideas and ideals, and when they set off in entirely new directions. The course will also explore the viability of not-for-profit institutions in a corporate society.

Term:

Occasional

- **THETR-469 Performance Studies**

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists. Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• THETR-475 Directing II

Prerequisites:

THETR-375 or instructor's consent

Credits:

4.00

Description:

Directing II focuses on the development of an individual directorial point of view and explores a variety of theoretical and applied approaches to cultivating interpretive skills. The course also examines how the director reconciles traditional theatrical conventions and techniques with the ability to create fresh, innovative and personal results. Students will stage weekly theatrical responses to class readings in addition to creating a fully-realized final directing project.

Term:

Offered Spring Term

• THETR-477 Playwriting II

Prerequisites:

THETR-377 or instructor's consent

Credits:

4.00

Description:

Playwriting II is a continuation, deepening and thickening of the principles learned in Playwriting I. A course designed for dedicated writers, students are expected to explore a wide variety of playwriting challenges, skills and techniques. Student works will be regularly shared and discussed in class. Students will also be assigned plays by recognized playwrights to discuss and analyze in class. Playwriting II students are encouraged to participate in PlayDay!", an annual reading of new student-written plays. Normally offered alternate years.

Term:

Occasional

- **THETR-481 Arts Administration II**

Prerequisites:

THETR 491

Credits:

4.00

Description:

In this course, we will see how the administrative functions discussed in Arts Administration I work in different kinds of arts organizations. Using actual cases from the world of performing and visual arts, we will explore the operations for profit and non-profit arts producers and presenters, art service organizations, and many kinds of funding institutions. We will also discuss various approaches to arts administration in an international context. The course may include an internship with an arts organization in Boston.

- **THETR-487 Stage Management II**

Credits:

4.00

Description:

Building on the skills learned in Stage Management I, Stage Management II will provide an in-depth study of how to support and manage rehearsals and performances of diverse genres such as opera, dance, and theatre. Special attention will be paid to anticipating a wide range of needs from professional artists, union regulations, cueing and calling shows; and to further develop student's communication skills. Internships with professional arts organizations may be arranged. Normally offered every other year.

Term:

Occasional

• THETR-488 Professional Internships

Prerequisites:

instructor's consent and internship availability required

Credits:

1.00- 4.00

Description:

This course provides students with the opportunity to receive credit for their work on an approved internship assignment in the professional performing and visual art world. At the successful completion of the internship, students will be required to submit a written analysis of their experience as well as a journal documenting the daily events of their project. Professional internships are difficult to secure. Interested students are advised to contact members of the Theatre Department faculty at least one semester in advance to facilitate this opportunity.

Term:

Offered Both Fall and Spring

• THETR-489 Performance Studies

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by

ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• THETR-507 Senior Thesis Project

Prerequisites:

Instructor's consent required

Credits:

4.00- 8.00

Description:

Theatre majors who have demonstrated academic excellence as well as involvement in department productions have the opportunity to work with a faculty advisor during their senior year to focus intensively on a specific area of interest. An extensive reading list will be determined early in the fall semester and regular meetings with the advisor will be scheduled to guide this course of study. The Senior Honors Project may also include a production project related to the topic. Successful completion of this course confers departmental honors to graduating Theatre majors.

Term:

Offered Both Fall and Spring

• THETR-509 Study Abroad: Flamenco in Madrid

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This is a three week, four credit, faculty led intensive course in Flamenco dance. The study of Flamenco immerses students in the rich cultural heritage of Spain's most popular and passionate art form. This unique program blends studio classes in the heart of Madrid with a study of the vibrant history and culture of Spain. Students interested in study abroad are encouraged to take language courses in the Humanities Department.

Term:

Occasional

Type:

Expanded Classroom Requirement,Cultural Diversity Opt B

• THETR-510 Independent Study

Prerequisites:

Instructor's consent required

Credits:

1.00- 8.00

Description:

Variable credits for approved projects outside the classroom. Since all independent studies must be approved by the Dean's Office, all interested students must be able to persuasively articulate their proposal in writing and include both an annotated reading list and a schedule of meetings with faculty supervisors.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Women's and Gender Studies

As an interdisciplinary program, the Women's and Gender Studies program draws on insights and analytic tools from the arts, history, literature, media, and the social sciences. Students may enroll in Women's and Gender Studies courses for elective credit or as a minor. There is no major available in Women's and Gender Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Women's & Gender Studies Courses](#)

Minor Requirements: 5 courses, 20 credits

Required Core Component (1 course, 4 credits)

Choose one course from the following list:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will include the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Social Science,Diverse Perspectives

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

This interdisciplinary course provides an introduction to the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, we will examine the pervasive influence of gender on the structure of society and our everyday experiences. What role does gender play in

our understanding of love, friendship, sexuality, and even violence? Topics will include biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives

Elective Courses (4 courses, 16 credits)

Four courses must be chosen from the following list, with no more than two from any single department except Women's and Gender Studies (WGS). Students who have taken WGS-111 or WGS-113 may take WGS-115 (Introduction to Gender Studies) as one of their 4 elective courses for the WGS minor.

- **ALS-391 Domestic Violence, Abuse & Neglect**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

Type:

Cultural Diversity Opt A

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,BFA Humanities Requirement,Cultural Diversity BFA,

- CJNI-217 Gay and Lesbian Studies

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions and social movements. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- CJNI-290 Women in Struggle on Film

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **ENG-425 Special Topics in Group 5: Literary History III: 1900- Present American, British, Or World**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 5 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-356 Whitman and Dickinson**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

• ENG-387 Writing Women

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia Yezierska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

• FR-314 Marie Antoinette, Fashion Revolutionary

Credits:

4.00

Description:

This course aims to introduce students to the French Enlightenment and its culture leading up to the French Revolution through a focus on one significant figure: Marie Antoinette. A core concern will be the relationship of female image and the body politic in eighteenth-century France. Other topics to be discussed include women and power, political scandal and public opinion, fashion and self-representation, motherhood and domesticity, and revolution and gender iconography. In conclusion we will consider the legacy of Marie Antoinette as martyr and fetish object in the nineteenth and twentieth centuries and focus on her continuing relevance today. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

- **FRST-319 Marie Antoinette: What Not to Wear**

Credits:

4.00

Description:

This course aims to introduce students to the French Enlightenment and its culture leading up to the French Revolution through a focus on one significant figure: Marie Antoinette. A core concern will be the relationship of female image and the body politic in eighteenth-century France. Other topics to be discussed include women and power, political scandal and public opinion, fashion and self-representation, motherhood and domesticity, and revolution and gender iconography. In conclusion we will consider the legacy of Marie Antoinette as martyr and fetish object in the nineteenth and twentieth centuries and focus on her continuing relevance today. Normally offered alternate years. Cultural Diversity B. 4 credits.

• GVT-203 Women in World Politics

Credits:

4.00

Description:

The relationship of women to their political culture and structures. The role of women seen in theory (e.g., Marxism, American feminism, existentialism) and in global comparative analysis. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

• GVT-306 Women & Public Policy

Credits:

4.00

Description:

This hybrid course will examine the political leadership and influence of women within political institutions and on public policy. The course is divided into two parts: Part 1 will examine women in politics, with particular attention given to the intersectional realities of race, class, gender identity, and ideological orientation. Specific policy areas, including reproductive choice, housing, pay equity, and domestic relations, will be discussed in Part 2. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

- **HST-274 Women in 19th Century Europe**

Credits:

4.00

Description:

An exploration of the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **HST-275 Women in 20th Century Europe**

Credits:

4.00

Description:

An examination of the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-370 Workers in America**

Credits:

4.00

Description:

How have ordinary American working people shaped and been shaped by the experience of work in a capitalist economic order? This course surveys the world of work and workers, free and unfree, from 1800 to the present. Topics include changing conceptions of work, formation of workers' consciousness and communities, working-class cultures, movements for labor reform, and the impact of race, ethnicity, and gender on labor markets, workplace dynamics, and working-class families and communities. The course also explores workers' experiences of industrialization and technological innovation, immigration and migration, consumerism and globalization. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

This course traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity,

race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women. Cultural Diversity A

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

This course examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture. Course materials include novels and films. Cultural Diversity A

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-471 Self, Body, & Sexuality- U.S. History**

Credits:

4.00

Description:

This course examines American debates over the natures, capacities, and responsibilities of men and women from settlement of the New World through the present. Emphasis is given to three elements of the self: social and civic personhood, the body, and sexuality. We will focus on representations of womanhood and masculinity - across racial, ethnic, and class lines - and their effects on men and women in society, politics, and at law. Course readings will also examine concepts of human nature and the interplay among mind, body, and sexuality.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Do we all feel the same emotions across cultures and throughout history, or do we learn to feel according to the rules of our own time and place, or does the truth about human emotion lie somewhere in between? This course will first explore ideas about emotional life from the fields of history, anthropology, sociology, and psychology. We will then turn to our own examination of the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other. How have ideas about these subjects changed over time - and do our feelings change with them?

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• PHIL-228 Feminist Philosophy

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

Type:

Cultural Diversity Opt A, Cultural Diversity BFA

• PHIL-265 Women in Spirituality

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity BFA,Cultural Diversity Opt A

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

- **SOC-222 Women in Struggle on Film**

Credits:

4.00

Description:

Women's struggles in arenas from war to labor disputes will be examined through films and writings. Societal, historical and cultural contexts of women's roles in films are discussed drawing on film criticism and sociological analyses.

Term:

Occasional

- **SOC-230 Bad Girls**

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-239 Men and Violence**

Credits:

4.00

Description:

An exploration of the nature of masculinity and its connection to interpersonal and collective violence in American society. The course focuses on the emotional, spiritual, social and cultural roots of the crisis of boyhood and masculinity as a context for and consequence of violence.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-273 Women in Contemporary Society**

Credits:

4.00

Description:

A critical analysis of theory and research related to the socialization, roles and social participation of women in contemporary society.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-303 How Pocahontas Lives: the Health of Native American Women and Girls**

Credits:

4.00

Description:

Native American women and girls experience many threats to their well-being: polluted environments, violence, and the continuation of colonial practices mean that their lives are at risk. Dominant political, economic, and cultural norms do little to protect them. Yet Native American women and girls can and do assert their right to well-being as they choose to define it, achieving health and self-determination. This class will examine the indigenous women and girls of the United States, to consider the continued impact of colonialism on women's health and the role of self determination in creating opportunities for the improvement of Native American women's health.

- **SOC-322 Tough Guise**

Credits:

4.00

Description:

Representations of masculinity in contemporary societies are examined in terms of their social sources and consequences. Images and scripts for doing masculinity are explored through case studies of film, television, sports, advertising, comic books, video games, music and other media that define what it means to be a man.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-327 Special Topics: General Sociology**

Credits:

4.00

Description:

A course with special interest topics in sociology which changes depending on the professor.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-374 Diversity Among Women**

Credits:

4.00

Description:

An exploration of the diverse experiences of womanhood as shaped by race, ethnicity, class, sexuality, age and physical ability. The course examines the commonalities women share and considers what women's differences suggest about an agenda for change. Issues such as workplace equality, family, policy, violence against women, sexuality are studied. How do diverse women, along with men allies, build alliances and work together for social transformation? Cultural Diversity A

Term:

Occasional

Type:

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

What can we learn from the books that teenage girls read? Our fondest memories of reading are often also memories of our earliest encounters with books - particularly those so mesmerizing that we would read them under our desks or by flashlight long after bedtime. This class will introduce students to some of the most interesting and complex Young Adult books targeted to young female readers. In addition to a wide array of novels, students will be exposed to theories of adolescent development, literary criticism, and social theory. We will consider how the dilemmas of girlhood have changed or stay constant. We'll also investigate the urge, so common in books for children and teens, to teach kids how to think and behave - what do we want teenage girls to know, and when would we rather keep them childlike and unaware?

Term:

Occasional

Type:

Cultural Diversity Opt A

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

This course will investigate the complex intersections between feminism and popular culture through several different lenses. We will start by exploring some of the ways that feminists make arguments about popular culture. We will continue by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like *The Bachelor* and *Grey's Anatomy*. We will also look at a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's *Female Chauvinist Pigs*, and Caitlin Moran's *How to Be a Woman*, among others. Along the way will be asking questions such as: what makes a work of art feminist? How does modern media contribute to or distract us from a variety of political debates in the realm of female equality? How can we, as individuals, use modern media to create and advance smart, feminist arguments? How can we create media that reflects a broader array of women's experiences and perspectives?

Type:

Cultural Diversity Opt A

- **WGS-315 Feminist Thought**

Credits:

4.00

Description:

What is feminist thought? How have feminists - both today and in history - understood inequality and difference, and what have they seen as the best ways to address these issues and bring about social justice? How do feminist theories help us to understand how gender and other social categories, such as race, class, sexuality, disability, age, and nationality, are constructed within and through each other? Students will read classic critical texts by authors including Mary Wollstonecraft, Anna Julia Cooper, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler. The

course will analyze feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory. It will also consider anti-feminist arguments.

Type:

Cultural Diversity Opt A

• WGS-320 Writing Autobiography

Credits:

4.00

Description:

This interdisciplinary course explores autobiographies by African American, Hispanic, and Afro-Caribbean writers such as June Jordan, Edwidge Danticat, and Cornelius Eady. Other writers include David Sedaris and Lucy Grealy. Students will analyze these texts in terms of language, writing craft and story line. Students will also write their own autobiographies during the course of the semester by focusing on childhood memories, high school, and family life. Critical attention will be paid to the role race, class, ethnicity, gender and sexuality play in narrative identity. Students will learn creative writing techniques such as linear and nonlinear storytelling, dialogue, fantasy, showing verses telling, and monologue.

Term:

Occasional

Type:

Cultural Diversity Opt A

• WGS-325 Global Women's Fiction

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class

and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B

WGS Track Courses (1 course, no more than 4 credits)

Some CAS courses can be taken to fulfill the WGS minor by registering for the optional WGS track of that course. Students who register for this track and complete the required WGS readings and assignments may count a maximum number of one of these courses toward the minor in Women's and Gender Studies. In order to register for the WGS track of a listed course, students should consult the instructor and the director of the Women's and Gender Studies program no later than the first week of class.

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television and new media technologies developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,BSBA SOCIAL CHANGE,Expanded Classroom Requirement

- **ENG-319 Renaissance Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Literature of the golden age of the Renaissance with a focus on love and sexuality and the politics of the courts of Henry VIII and Elizabeth I. Authors studied include Shakespeare, Marlowe, Sidney, and Spenser. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-353 American Realism**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-354 Hawthorne, Melville and Stowe**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An extended study of three major novels by Hawthorne, Melville and Stowe as prototypes of the Great American Novel: an elusive achievement that seeks to capture the essence of American experience. This course confronts issues of sin and redemption, ambition and failure, racial and national identity, and aesthetic and cultural value, and it assesses the imaginative influence of these foundational narratives in two contemporary rewritings by Mukherjee and Reed. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-380 Wharton and James**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A study of the work of two of America's greatest Realist writers, considering the achievement of each and their extraordinary friendship.

Term:

Occasional

- **ENG-409 Literary Bloomsbury: Woolf and Forster**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This class will engage with the major novels and selected literary writings of two of the twentieth century's most important modernist voices, Virginia Woolf and E.M. Forster. We will approach their writings within the intellectual framework of British modernism and the cultural context of the Bloomsbury Group out of which they emerged. Special attention will be paid to their theoretical writings on fiction as well as their respective contributions to feminism and queer theory. The class will also view cinematic adaptations of certain novels and discuss how these films have contributed to the enduring appeal and status of these texts as classics of twentieth-century fiction.

Term:

Occasional

- **ENG-422 Special Topics in Group 2: Genre and Backgrounds**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 2 of the English major requirements with varying subject matter.

Term:

Occasional

- **HST-426 Politics and Culture in Europe 1919-1939**

Credits:

4.00

Description:

This course examines the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

For the most current list of courses with an option WGS track, or for more information, contact the director of Women's and Gender Studies.

Advanced Topics

Students may wish to include specialized research and/or an internship as part of their minor program. They may do so by completing one of the following courses under the supervision of the program director or a member of the Women's and Gender Studies Committee:

- **WGS-510 Independent Study**

Prerequisites:

An Independent Study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Substantive reading/research in an area of special interest in Women's and Gender Studies, directed by a faculty member in the appropriate academic discipline. Open to Juniors and Seniors by special arrangement with the relevant faculty member and the Director of Women's and Gender Studies. Instructor's permission required.

Type:

Social Science

2014-2015 Archived Catalog Information

Women's and Gender Studies

As an interdisciplinary program, the Women's and Gender Studies program draws on insights and analytic tools from the arts, history, literature, media, and the social sciences. Students may enroll in Women's and Gender Studies courses for elective credit or as a minor. There is no major available in Women's and Gender Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Women's & Gender Studies Courses](#)
- WGS-111 Women, History, & Culture

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

- **WGS-H111 Women, History, & Culture**

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will include the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will include the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the

female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Social Science,Diverse Perspectives

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

This interdisciplinary course provides an introduction to the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, we will examine the pervasive influence of gender on the structure of society and our everyday experiences. What role does gender play in our understanding of love, friendship, sexuality, and even violence? Topics will include biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Cultural Diversity Opt A,Diverse Perspectives

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

What can we learn from the books that teenage girls read? Our fondest memories of reading are often also memories of our earliest encounters with books - particularly those so mesmerizing that we would read them under our desks or by flashlight long after bedtime. This class will introduce students to some of the most interesting and complex Young Adult books targeted to young female readers. In addition to a wide array of novels, students will be exposed to theories of adolescent development, literary criticism, and social theory. We will consider how the dilemmas of girlhood have changed or stay constant. We'll also investigate the urge, so common in books for children and teens, to teach kids how to think and behave - what do we want teenage girls to know, and when would we rather keep them childlike and unaware?

Term:

Occasional

Type:

Cultural Diversity Opt A

• WGS-311 Engendering Entertainment: Feminism and Popular Culture

Credits:

4.00

Description:

This course will investigate the complex intersections between feminism and popular culture through several different lenses. We will start by exploring some of the ways that feminists make arguments about popular culture. We will continue by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy. We will also look at a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman, among others. Along the way will be asking questions such as: what makes a work of art feminist? How does modern media contribute to or distract us from a variety of political debates in the realm of female equality? How can we, as individuals, use modern media to create and advance smart, feminist arguments? How can we create media that reflects a broader array of women's experiences and perspectives?

Type:

Cultural Diversity Opt A

• WGS-315 Feminist Thought

Credits:

4.00

Description:

What is feminist thought? How have feminists - both today and in history - understood inequality and difference, and what have they seen as the best ways to address these issues and bring about social justice? How do feminist theories help us to understand how gender and other social categories, such as race, class, sexuality, disability, age, and nationality, are constructed within and through each other? Students will read classic critical texts by authors including Mary Wollstonecraft, Anna Julia Cooper, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler. The course will analyze feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory. It will also consider anti-feminist arguments.

Type:

Cultural Diversity Opt A

• WGS-320 Writing Autobiography

Credits:

4.00

Description:

This interdisciplinary course explores autobiographies by African American, Hispanic, and Afro-Caribbean writers such as June Jordan, Edwidge Danticat, and Cornelius Eady. Other writers include David Sedaris and Lucy Grealy. Students will analyze these texts in terms of language, writing craft and story line. Students will also write their own autobiographies during the course of the semester by focusing on childhood memories, high school, and family life. Critical attention will be paid to the role race, class, ethnicity, gender and sexuality play in narrative identity. Students will learn creative writing techniques such as linear and nonlinear storytelling, dialogue, fantasy, showing verses telling, and monologue.

Term:

Occasional

Type:

Cultural Diversity Opt A

• WGS-325 Global Women's Fiction

Credits:

4.00

Description:

An exploration of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement, Cultural Diversity Opt B

• WGS-335 Queer Narratives

Credits:

4.00

Description:

What is queer? How do the stories we hear help us understand different communities, identities, and bodies that could be considered queer? This course will consider the ways that queer is different, unusual, or other has been discussed in film, music, memoir and fiction. We will engage with texts such as the documentary, *Paris is Burning*, Frank Ocean's 2012 album, *Channel ORANGE* and Janet Mock's recent memoir, *Redefining Realness*. We will use foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help us build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives. This course will explore how a range of voices provides insights into various types of queerness.

• WGS-510 Independent Study

Prerequisites:

An Independent Study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Substantive reading/research in an area of special interest in Women's and Gender Studies, directed by a faculty member in the appropriate academic discipline. Open to Juniors and Seniors by special arrangement with the relevant faculty member and the Director of Women's and Gender Studies. Instructor's permission required.

Type:

Social Science

2014-2015 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in several areas. Majors are available in French, French Studies, Latin American & Caribbean Studies, and Spanish. Minors are available in each of those programs, as well as German Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian, and Japanese. Language study is also an integral part of the majors in global business, Latin American & Caribbean studies, and International Economics (BA). In addition, Government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- ASL-101 Elementary American Sign Language I

Credits:

4.00

Description:

Introductory course for nonnative signers. Emphasis on receptive skills, vocabulary, and grammar. Introduction to issues important to the Deaf community. One language laboratory session per week.

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A,BA FOREIGN

• ASL-102 Elementary American Sign Language II

Prerequisites:

ASL 101

Credits:

4.00

Description:

Continuation of ASL 101. Patterns of lexical and grammatical structure reviewed and extended. Additional materials on the Deaf community and its culture. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,BA FOREIGN

2014-2015 Archived Catalog Information

World Languages

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- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- ARAB-101 Elementary Modern Standard Arabic

Credits:

4.00

Description:

Mastery of the Arabic alphabet and phonetics. Elementary formal grammar and the development of reading and writing skills. Conversation in the formal non-colloquial style. One language laboratory session per week. For students with no previous knowledge. .

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ARAB-102 Elementary Modern Arabic II**

Prerequisites:

ARAB 101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from Arabic 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ARAB-201 Intermediate Modern Standard Arabic I**

Prerequisites:

ARAB 102 or permission of instructor.

Credits:

4.00

Description:

This course will apply the communicative approach to further develop proficiency in reading, writing, and speaking in Modern Standard Arabic. The class will also stress comprehension listening drills. Material will include authentic Arabic texts, print media, audios, and videos. Activities include conversation practice and brief discussions of topics related to Arab society and culture.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ARAB-202 Intermediate Modern Standard Arabic II**

Prerequisites:

ARAB 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills development from ARAB 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ARAB-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

The subject of this course is the Arab Cultural History. The approach will be one which sees Arab culture as the system of shared ideas, attitudes, values, perceptions and meanings, explicit and implicit, which Arabs use to interpret the world and which serve to pattern their behavior. This approach of Arab cultural history encompasses a range of facets reaching from the most mundane aspects of their lives to the most transcendent of thoughts and aspirations. It includes an understanding of their art, literature, and history of a society, but also less tangible aspects such as attitudes, prejudices, folklore and so forth. This endeavor seeks to embrace and comprehend the complexity of Arab culture and to recount its history - from its pre-Islamic genesis (roughly the 520s A. D.) until the present - through a broad and wide-ranging presentation of Arab literature.

Term:

Occasional

Type:

BA FOREIGN

2014-2015 Archived Catalog Information

World Languages

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- [German Courses](#)
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- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- CHIN-101 Elementary Chinese I

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in simplified characters) are also taught.

Term:

Offered Fall Term

Type:

BA FOREIGN

• CHIN-102 Elementary Chinese II

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continuation of Chinese 101 with emphasis on developing basic skills to read and write modern colloquial Chinese. The reading, writing and oral skills will be taught on the basis of fundamental grammatical patterns and vocabulary in context.

Term:

Offered Spring Term

Type:

BA FOREIGN

• CHIN-201 Intermediate Chinese I

Prerequisites:

CHIN 102 or Instructor's consent.

Credits:

4.00

Description:

Emphasis on improving Chinese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Chinese.

Term:

Offered Fall Term

Type:

BA FOREIGN

- CHIN-202 Intermediate Chinese II

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- CHIN-211 Survey of Chinese Literature and Culture I

Credits:

3.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with a brief introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the present time. The diverse origins of China's civilization are stressed as topics in political, social, and economic history are explored, with a focus on developments in language, literature, and art. This course is a good introduction to further study of Chinese history and culture and, in particular, provides a valuable context for themes treated in Modern China.

- CHIN-306 Advanced Conversation and Composition II

Prerequisites:

CHIN 305 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed from Chin 305.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- CHIN-314 Traditional Chinese Society From 1800-1949

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Term:

Occasional

Type:

Asian Studies

• CHIN-510 Independent Study

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

Asian Studies

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World Languages

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- [Spanish Courses](#)

- FR-101 Elementary French I

Credits:

4.00

Description:

Emphasis on developing reading, writing, speaking, and listening skills. Audio-visual and textual materials based on French cultural themes. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-102 Elementary French II**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 101. Offered every spring semester.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities Literature Requirement

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• FR-305 Advanced Conversation and Composition And Grammar

Prerequisites:

FR 202 or Instructor's consent.

Credits:

4.00

Description:

This course encourages the student to perfect conversational and writing skills in French. Authentic language and formal writing skills are detailed in this course. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne, or Suffolk-Dakar Programs.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

This course aims to introduce students to the French Enlightenment and its culture leading up to the French Revolution through a focus on one significant figure: Marie Antoinette. A core concern will be the relationship of female image and the body politic in eighteenth-century France. Other topics to be discussed include women and power, political scandal and public opinion, fashion and self-representation, motherhood and domesticity, and revolution and gender iconography. In conclusion we will consider the legacy of Marie Antoinette as martyr and fetish object in the nineteenth and twentieth centuries and focus on her continuing relevance today. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

• FR-318 Face in the Mirror: Writing & Reflecting the Self in French

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

BA FOREIGN

• FR-320 French & Francophone Cinema

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **FR-401 Special Topics in French and Francophone Studies**

Credits:

4.00

Description:

This seminar examines a range of topics in French and Francophone Studies. It provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

Type:

BA FOREIGN

- **FR-410 Contemporary France**

Credits:

4.00

Description:

A study of French art, culture, history, literature and politics from the end of World War II to the present day, covering a wide range of topics. Taught in English.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **FR-421 Sejour Linguistique en France**

Prerequisites:

FR 201-202 or permission of instructor

Credits:

4.00- 8.00

Description:

This course is an immersion program in Vichy, France through our partnership with CAVILAM. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Summer

Type:

Expanded Classroom Requirement, BA FOREIGN

- **FR-422 Sejour Linguistique au CCFS-Sorbonne**

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

This course is an immersion program in Paris, France through our partnership with CCFS-Sorbonne. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement,BA FOREIGN

• **FR-502 Honors Senior Thesis in French**

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member offered every fall semester. Prerequisites: Senior standing & permission of the department chair.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

- **FR-T212 Business French Tutorial**

Prerequisites:

FR-201 and FR-202 or instructor's permission

Credits:

1.00

Description:

INSTRUCTOR'S CONSENT Tutorial studies of the terminology, organization and practice of business in the French-speaking world.

Term:

Offered Both Fall and Spring

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World Languages

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- GER-101 Elementary German I

Credits:

4.00

Description:

Practice in both oral and written language skills using German culture as background for language study. Emphasis on active use of German to master structure, pronunciation and vocabulary. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

• GER-102 Elementary German II

Prerequisites:

Ger-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

• GER-201 Intermediate German I

Prerequisites:

GER 102 or instructor's consent

Credits:

4.00

Description:

Four-skills approach (speaking, listening, reading, writing) utilizing authentic texts, recordings, and visual media. Grammar review, vocabulary expansion, and intensive practice. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- GER-202 Intermediate German II

Prerequisites:

GER 201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- GER-216 Masters of German Literature in English Translation Masterpieces

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

Type:

Humanities Literature Requirement

• GER-218 Grimms' Fairy Tales

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

• GER-301 German Civilization I

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-302 German Civilization II

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-303 Advanced Conversation

Prerequisites:

GER 202, or Instructors consent

Credits:

4.00

Description:

Further development of speaking ability in various contexts (e.g., informal conversation, debate, discussion of current events in the German-speaking countries). Short texts and audio-visual materials as a basis for classroom activities.

Term:

Occasional

Type:

BA FOREIGN

• GER-304 Advanced Composition

Prerequisites:

GER 202 or consent of the instructor

Credits:

4.00

Description:

Additional training in writing German. Practice in various modes (e.g., essay, poetry, dramas, short fiction). Some translation into English. Special attention paid to grammatical points where needed.

Term:

Occasional

Type:

BA FOREIGN

• GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-310 Masterpieces of German Literature

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement, BA FOREIGN

- GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross-list with GVT 472/872

Term:

Occasional

Type:

Social Science

• GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• GER-502 Honors Thesis

Prerequisites:

Permission of the Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Offered Fall Term

Type:

BA FOREIGN

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- GR-101 Elementary Ancient Greek

Credits:

4.00

Description:

An introduction to the basic syntax and vocabulary of Ancient Greek with an emphasis on reading some modified passages from genuine Ancient Greek texts as soon as possible. No background in grammar or Greek is assumed.

Term:

Offered Fall Term

Type:

BA FOREIGN

• GR-102 Ancient Greek II

Prerequisites:

GR-101

Credits:

4.00

Description:

A continuation of GR 101. During the semester we will complete our introduction to Ancient Greek and begin to read continuously a classic work of poetry, history, or philosophy in the original.

Term:

Offered Spring Term

Type:

BA FOREIGN

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- [Japanese Courses](#)
- [Spanish Courses](#)

- ITAL-101 Elementary Italian I

Credits:

4.00

Description:

Practice in both oral and written language skills. Audio-visual and textual materials based on Italian cultural themes. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ITAL-102 Elementary Italian II**

Prerequisites:

ITAL-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ITAL-201 Intermediate Italian I**

Prerequisites:

ITAL 102, or Instructor's consent

Credits:

4.00

Description:

Review of grammar, practice in spoken Italian, with cultural and literary readings along with composition and translation. Language laboratory sessions as assigned.

Term:

Offered Fall Term

Type:

BA FOREIGN

2014-2015 Archived Catalog Information

World Languages

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- [Spanish Courses](#)

- JPN-101 Elementary Japanese I

Credits:

4.00

Description:

For students with no previous knowledge. An introduction to features of spoken and written Japanese. Stresses grammar, oral performance and simple characters. One language lab session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

• JPN-102 Elementary Japanese II

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 101. Emphasis on active command of spoken Japanese. Improvement in pronunciation and conversational skills. Further development in vocabulary, grammar, reading and writing. One language lab session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

• JPN-201 Intermediate Japanese I

Prerequisites:

JPN-102 or Instructor's consent

Credits:

4.00

Description:

Emphasis on improving Japanese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Japanese. Work in the language lab (one hour per week) and use of sources from the Internet are coordinated with class work.

Term:

Offered Fall Term

Type:

BA FOREIGN

- JPN-202 Intermediate Japanese II

Prerequisites:

JPN-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- JPN-510 Independent Study

Prerequisites:

Instructor's Permission required.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them

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- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- SPAN-101 Elementary Spanish I

Credits:

4.00

Description:

Practice in both oral and written language skills. Class activities are organized around cultural themes that reflect the diversity of the Hispanic world and its interconnectedness with the rest of the world. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-102 Elementary Spanish II**

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

Continues skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-105 Overview of Spanish Culture**

Credits:

1.00

Description:

This course, open only to students from Maryville University of St. Louis, offers a broad survey of Spanish history and culture. It focuses principally on key elements of geography, history, sociology, politics and traditions. The course will place special emphasis on Spanish culture and its problematic modernization, which is an issue with very important consequences for the intellectual productivity of this country.

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-H201 Honors Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-H202 Honors Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

A continuation of skills development from 201. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- **SPAN-210 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-295 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish

language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-299 Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

- **SPAN-H299 Honors Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN, Diverse P

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-315 Business Spanish**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Diverse Perspectives

- **SPAN-340 Hispanic Culture Today: Trans-Atlantic Perspective**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

An examination of key issues in Hispanic culture today through the study of literature, film, music and TV. The purpose of the course is twofold: To introduce the students to major themes in recent Hispanic society and culture and, to develop the necessary skills to read and analyze literary texts and other cultural forms. Topics to be discussed include dictatorship and democracy, women and representation, political and domestic violence, national identity, immigration, and mass culture. The selected materials will include texts by authors like Manuel Rivas, Mario Vargas Llosa, Carlos Fuentes, Cristina Peri Rossi, Rosa Montero, Carlos Monsivais, and Roberto Bolano among others. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-350 Spanish Cultural Studies**

Credits:

4.00

Description:

This is an interdisciplinary course that will examine the historical and socio-economic causes of contemporary Spanish culture. Material will be drawn from a variety of sources including: history, sociology, gender studies, literature and philosophy. Extensive reference will be made to the non-Western cultures which have made Spain what it is today. (Usually taught in English). (Madrid campus only)

- **SPAN-360 Madrid Cosmopolitan City**

Prerequisites:

SPAN-290 or SPAN-300 or Instructor's consent

Credits:

4.00

Description:

This course is designed to provide students with a basic knowledge of the city of Madrid in terms of its historical, cultural, and social development. Contemporary aspects of the city such as its rise to prominence amongst the capitals of Europe and the phenomenon of recent immigration patterns will also be discussed. All classes will be conducted in Spanish. Specific grammar points will be reviewed as needed. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-370 Jewish, Islamic, & Christian Spain**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

BA FOREIGN

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-407 Latin American Short Narrative**

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Explores some of the major trends in the twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with fantastic literature of the 1930's, the birth of magical realism and the more contemporary, socio-political narratives. Authors include Isabel Allende,

Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rolfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• SPAN-410 Representation and Reality in Spanish Cinema

Credits:

4.00

Description:

This course offers the students a panoramic view of the most representative Spanish films from the 1950's until today, with special emphasis on its social, political, artistic and cultural context. Films will be viewed in Spanish with English subtitles. Conducted in English, the course will be open to both non-majors in Spanish as well as to advanced-level Spanish majors and minors, with the latter carrying out their written work and individual meetings with the instructor in Spanish.

• SPAN-416 Border Crossings the Latino Experience in the USA

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, *American*.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• SPAN-417 Changes in Social Values in Spain 1975 - 2005

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended.

Credits:

4.00

Description:

In this course we will study the transition of Spain from dictatorship to democracy from an interdisciplinary perspective based mostly on the analysis of literary works, film, visual arts and music besides relevant theoretical articles by major Spanish and international intellectuals. Youth culture (sex, drugs and rock and roll), the feminist movement, nationalistic demands, and Spain's subsequent incorporation into the European Union will be highlighted. (Madrid campus only)

Type:

BA FOREIGN

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

• SPAN-425 Literature and Art in Latin America

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

• SPAN-427 Border Theater in the New Millennium

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

One hundred and sixty years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States- Mexico Border. Emphasis will be on contemporary border theater and film. The works of Salcedo, Mijares, Rascon Banda, and others will be studied as well as contemporary films and documentaries such as "Senorita Extraviada", "The Gatekeeper", "Crossing Arizona", and much more.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-510 Independent Study**

Prerequisites:

Instructor consent required.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-I295 Spanish in the Workplace Internship**

Credits:

4.00

Description:

Internship in Madrid, Spain. At least 12 hours a week working for an organization. Designed to give students an international professional learning opportunity. It takes place concurrently with SPAN 295.

- **SPAN-T301 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

- **SPAN-T302 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00- 2.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

2014-2015 Archived Catalog Information

Sawyer Business School

Undergraduate Programs

The BSBA curriculum is designed around four key learning goals, which help students:

- embrace diversity and span boundaries, including knowledge of diverse culture, multiple perspectives, and recognizing and working effectively across boundaries;
- harness and implement an innovative mindset, including understanding creative vision, opportunity assessment and implementation;
- identify, assess, and solve critical situations, including information literacy, analytical reasoning and decision making, and systems thinking and process thinking; and
- establish and leverage professional DNA, including communicating effectively across diverse contexts, leadership, collaboration, and personal branding

Students learn contemporary management practices through a continually refined and updated curriculum, with hands-on experiences that help them apply concepts and skills in real-world settings. The Sawyer Business School maintains a culture of achievement for all students during their academic program and as successful graduates. In addition, the faculty strives to ensure that our graduates are socially responsible lifelong learners who understand how to add value in any organization or situation.

BSBA students are exposed to diverse viewpoints and to the environmental changes impacting business today. They become well-rounded through the foundational knowledge learned in general education courses such as writing, economics, and mathematics, as well as introductory business courses in leadership, ethics, globalization, and social change. An integrated curriculum ensures that students build foundation communication, quantitative reasoning, interpersonal, ethical, and career skills before advancing in the program of study. The program embeds many opportunities for BSBA students to interact with alumni, executives, and other business leaders. Students with special areas of interest are further encouraged to include corresponding liberal arts and business electives in their programs of study.

Undergraduate students may also choose to study abroad or to take courses at Suffolk's campus in Madrid, Spain.

2014-2015 Archived Catalog Information

Undergraduate Requirements

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [BSBA Degree Requirements](#)
- [Internship/Practicum Requirement](#)

The completion of the Bachelor of Science in Business Administration (BSBA) degree includes:

- A minimum of 124 semester hours of coursework and satisfaction of all degree requirements;
- 2.0 overall cumulative average;
- 2.0 average in major and minor fields of study;
- A minimum of 30 semester hours of business coursework must be completed at Suffolk University; and,
- An overall minimum of 45 semester hours of coursework must be completed at Suffolk University to be eligible to be considered for degree.

BSBA students must complete a minimum of 124 credits, AND all mandatory courses and requirements. Course descriptions may be updated periodically to reflect changes since the last published catalog.

Full-time students normally complete their degree requirements in four years. A student may shorten the time required by attending summer sessions. Part-time students normally take five to seven years to complete the requirements, depending on the course load carried

Students are responsible for knowing and complying with specific degree requirements. Any exception to the Program of Study requires written approval from Michele Rosenthal, Director, Undergraduate Programs, Sawyer Business School.

Recommended Four-Year Course Sequence

Below is an overview of the courses students must complete and the year they are expected to do so. Students should meet with their advisors to review their program of study.

The Business School's curriculum is designed to enable students to acquire knowledge and skills cumulatively, building from introductory material to more specialized or advanced study in areas of major concentration. Prerequisites have been established for courses that require preparation in order for students

to benefit fully from the learning experience.

Students are responsible for taking courses in the prescribed sequence. This means:

- All prerequisites must be satisfied
- Students must have satisfactorily completed 54 credits in order to register for upper division courses in the Business School (Business School undergraduate courses numbered 300 or higher, unless otherwise stated).
- Students must have completed all freshman and sophomore required courses prior to registering in junior-level courses. In particular, students are expected to have completed required writing and quantitative courses before the junior year.

Required Courses to be completed in the first year

- **SBS-100 careerSTART**

Prerequisites:

Students must have completed less than 30 credits.

Credits:

1.00

Description:

SBS 100 engages students in a series of activities, discussions, and programs on campus to explore their interests and strengths and learn how courses and co-curricular experiences together help them achieve their goals. Students also develop innovation, team, and presentation skills, get involved on campus, and learn about campus resources and services that aid in a successful college experience. This is the first in a four-year sequence of career courses.

- **WRI-101 First Year Writing I**

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI 101.

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

- **ENT-101 Business Foundations**

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

Offered Both Fall and Spring

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

- **BLE-215 Business Ethics and Law**

Credits:

3.00

Description:

Business ethics is applied ethics. Explores the roles and responsibilities of business in a global society. Teaches models of ethical decision-making that incorporate multiple points of view, including diverse cultural worldviews and legal perspectives. Addresses factors that contribute to and constrain ethical behavior in and by organizations. Students apply concepts to current business problems, such as anti-trust, accounting fraud, deceptive advertising, and environmental dumping.

Term:

Offered Both Fall and Spring

Creativity and Innovation Requirement

When searching for classes, select course type "CI". Choose from the options provided.

Globalization Requirement

Choose one of the following options [Global Business majors take SIB 101]:

- **SIB-101 Globalization**

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

• HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

• HST-150 Empires & Globalization in World History II

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

Math Requirement

Incoming students to the University (who have not transferred in the math requirement) take the University math assessment for placement in an appropriate math course. Students may be placed in prerequisite math courses based upon their assessment results in order to prepare for their Math requirement. In general, students will choose one the following options:

- **MATH-128 Math for the Modern World**

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C or MATH level 4

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Required courses to be completed by the end of the sophomore year

- **SBS-200 careerEXPLORE**

Prerequisites:

SBS 100. Prerequisite will be waived with 30 or more transfer credits from another institution.

Credits:

1.00

Description:

SBS 200 fosters active exploration of career interests, jobs and fields. Students build introductory career management, information seeking, and self-presentation skills. Students refine oral and written communication through class presentations, networking, research, and writing a resume and cover letter. This is the second in a four-year sequence of career courses.

- **SBS-220 Business Writing**

Prerequisites:

ENT 101 (formerly SBS 101); WRI 102 or WRI 103;

Credits:

3.00

Description:

The world is constantly changing and businesses as well as individual employees must adapt. In order to effectively leverage future communication technologies and media, you must be a critical reader and have strong foundational writing and editing skills. In this course, current business news will be read for its content and to understand the interplay of language and purpose. You will learn to write effectively for business by focusing on your audience, purpose, tone, and the design of various business documents and by revising and refining your writing.

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 16 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **ACCT-201 Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

• ACCT-202 Accounting for Decision Making II

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from ACCT 201. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Topics include cost-volume-profit analysis, costing systems, variance analysis, and the budget process. Discusses relevant current ethical and competitive issues found in the financial press.

Term:

Offered Both Fall and Spring

• ISOM-201 Data and Decisions Analysis

Prerequisites:

MATH-128 or higher and STATS-240 or STATS 250.

Credits:

3.00

Description:

This course is designed to introduce undergraduate business students to fundamental quantitative methods of using data to make informed management decisions. Topics covered include: decision modeling, decision analysis, regression, forecasting, optimization, and simulation, as it applies to the study and analysis of business problems for decision support in finance, marketing, service, and manufacturing operations. Practical business cases and examples drawn from finance, marketing, operations management, and other management areas are used to provide students with a perspective on how management science is used in practice. The implementation of management science tools has been facilitated by the intensive use of Excel spreadsheet models.

Term:

Offered Both Fall and Spring

• MGT-217 Organizational Behavior

Prerequisites:

ENT 101 (formerly SBS 101); WRI 102 (formerly ENG 102) or WRI 103 (formerly ENG 103) or SBS 220

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Offered Both Fall and Spring

• MKT-210 Principles of Marketing

Prerequisites:

WRI 101 or WRI 103

Credits:

3.00

Description:

As part of the core curriculum for the BSBA, this course provides a comprehensive, innovative, managerial, and practical introduction to marketing. Students will learn and apply basic concepts and practices of modern marketing as used in a wide variety of settings. Technological advances, rapid globalization, economic shifts and cultural and environmental developments are causing profound changes in the marketplace. As the marketplace changes, so must the marketers who serve it. These new developments signify a brand new world of opportunities for forward thinking marketers. In response to these new developments, the focus of this course is on four major themes that go to the heart of modern marketing theory and practice: 1. Building and managing profitable customer relationships; 2. Building and managing strong brands; 3. Harnessing new marketing technologies in this digital age; and 4. Marketing in a socially responsible way around the globe.

- **MKT-220 Business Research Methods**

Prerequisites:

STATS 240 or STATS 250

Credits:

3.00

Description:

Business Research Methods is a general introduction to both quantitative and qualitative business research methods. Topics covered include the purpose of research, defining research and research problems, defining an hypothesis, problem solving and knowledge discovery, methods of quantitative and qualitative research, conducting literature reviews, designing appropriate methodologies, evaluating outcomes, analysis and communicating the results. Students will use Excel and SPSS to support research analysis, implementing what was learned in statistics and going beyond as they learn new data analysis techniques. Students will discuss and present research ideas and processes orally both informally and formally.

Social, Cultural and Global Perspectives

New courses that meet this learning goal may be announced by the Undergraduate Programs Office after they are approved. Students who entered Suffolk prior to Fall 2010: requirement was 4 credits. Students who entered prior to Fall 2010 may need to add a 1 credit course to their Programs of Study if they chose the 3 credit course option.

Choose:

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Diverse Perspectives,BSBA SOCIAL CHANGE

Or ask an advisor for a list of newly approved options.

Required courses to be completed by the end of the junior year

- **SBS-300 careerBUILD**

Prerequisites:

SBS 200. Prerequisite will be waived with 45 or more transfer credits from another institution.

Credits:

1.00

Description:

SBS 300 deepens students' career information and skills with a focus on professionalism. Students refine career documents based on personal branding with a focus on articulating the experiences, learning, and skills gained in previous internships, volunteer and work experiences, courses, and club or performance roles. Students use technology, personal networks and professional organizations to develop job search skills. This is the third in a four-year sequence of career courses.

- **EC-101 Applied Microeconomics**

Prerequisites:

Non CAS majors need to have completed at least 16 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

Type:

Social Science,BSJ SOCIAL SCIENCE

• BLE-214 Principles of Business Law

Credits:

3.00

Description:

Introduces the field of business law. Provides an overview of the organization and operation of the American legal system, court system and legal procedure. Examines selected business law topics such as contracts, torts, criminal law, agency, and business organizations. Attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

• FIN-200 Business Finance

Prerequisites:

MATH 128 or higher; ACCT 201; STATS 240 or STATS 250 (can take concurrently with FIN 200); Sophomore standing

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation. Formally FIN 310.

Term:

Offered Both Fall and Spring

• ISOM-310 Management Information Systems

Prerequisites:

WRI 102 or SBS 220; and at least 45 completed credits

Credits:

3.00

Description:

This course examines the rise of information-enabled enterprises and the role of information technologies/information systems (IT/IS) and e-commerce as key enablers of businesses and social changes globally. The effective application of IT/IS to support strategic planning, managerial control, operations and business process integration in the digital economy is covered. The course also examines the IT/IS related issues of ethics, privacy, piracy and security in the information society.

Term:

Offered Both Fall and Spring

• ISOM-319 Operations Management

Prerequisites:

ENT-101(formerly SBS 101) and ISOM-201 and at least 54 credits

Credits:

3.00

Description:

In this course, students are introduced to the operating component of a service/manufacturing organization where inputs such as raw material, labor, or other resources are transformed into finished services and/or goods. The following OM areas: strategic and tactical issues, product planning and process design, technology management, quality management, capacity, location, and layout planning, inventory management, forecasting and work force management issues are addressed through class discussions, readings and cases. Quantitative models, analytical tools and case studies are used to analyze problems that the business manager would face in both a local and global setting.

Term:

Offered Both Fall and Spring

- **MGT-360 Leadership 360 Practicum**

Prerequisites:

MGT 217 (formerly MGT 317); does not count toward the Management Major, nor the minor for BSBA students

Credits:

3.00

Description:

Leadership 360 Practicum provides a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. Students will conduct an in-depth self-examination of skills, abilities, personality, attitudes, values, and behaviors to increase self-awareness of their leadership competencies. Students will learn relevant leadership theories and introductory project management principles and techniques. They will apply leadership and project management skills in a mini-team project with a not-for-profit organization that seeks solutions to a specific challenge, leading to a project implementation plan. Students will present formally to the client; feedback to the presenters will reinforce their oral communication skills. This course is a requirement for all BSBA majors.

Local Engagement Experience

Review the list of options with your advisor.

Required courses to be completed during or by the end of senior year

- **SIB-429 Strategic Management**

Prerequisites:

MKT 210; ISOM 319; MGT 217 (formerly MGT 317); FIN 200 (formerly FIN 310); Senior standing

Credits:

3.00

Description:

This course covers and integrates administrative processes and decision making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focuses on strategic and policy issues from the viewpoint of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions.

Term:

Offered Both Fall and Spring

• SBS-400 careerLAUNCH

Prerequisites:

90 credit hours required.

Credits:

1.00

Description:

SBS 400 is the culminating career and professional experience for seniors. It focuses on career entry and transition, networking for career and job success, impression management, and related life-long learning skills. Students articulate and reflect on academic, work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. This is the final course in a four-year sequence of career courses.

Science, Technology and Engineering Requirement

When searching for classes, select course type "STE". Choose from the options provided.

Global Engagement Experience

Review the list of options with your advisor.

Free Electives

BSBA students must complete a total of 124 credits to graduate. In addition to completing all degree program and major requirements, students have free elective credits that they may use to complete a minor, explore topics of interest by taking courses in the College of Arts & Sciences or the Business School, take honors challenge courses, or use toward a second major. Many transfer students bring in credits that are applied as free electives when there is no program equivalent. The number of free elective credits to be completed varies by major, number of transfer credits, and other factors. Students should refer to their program evaluation for credit counts, and discuss free elective options with their advisors.

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Undergraduate Requirements

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [BSBA Degree Requirements](#)
- [Internship/Practicum Requirement](#)

All Accounting, Finance and Information Systems majors complete a required non-credit practicum (formerly called the experiential component). Entrepreneurship, Management, Marketing and Global Business majors have no required internship. However, we encourage these students to take advantage of the major elective option if they wish to receive academic credit for an internship experience. Refer to your specific major's web pages or catalog page for details. Students who wish to receive credit for a subsequent internship should ask an advisor for details.

2014-2015 Archived Catalog Information

Majors & Minors

Degree Offerings

The Bachelor of Science in Business Administration (BSBA) degree is offered in a full-time or part-time format. Students may select from the following majors:

- [Accounting](#)
- [Entrepreneurship](#)
- [Finance](#)
- [Global Business](#)
- [Information Systems](#)
- [Management](#)
- [Marketing](#)

Non-Degree Offering

[Certificate in Financial Planning](#)

Double Majors

You may double major in any combination of the Business School majors. Double majors often earn more than the 124 credits required for graduation, particularly if they already completed some of their free electives prior to starting the second major.

Each course may only be used to fill one degree requirement. It may be possible for double majors to double count one course across both majors, if approved by both departments.

Double major example: For a student double majoring in accounting and management, the accounting program of study should be used as the primary because accounting is more complex, with eight major courses and an experiential component, whereas management has only six required courses.

In order to add a second major in management, you would look up the required courses for that major and then plan to take all six using the free elective

slots on the accounting program of study. You should meet with the “primary” major advisor for all program requirements and the “secondary” major advisor for advising on the second major’s requirements. We recommend that you also meet with the Undergraduate Academic Advising Center during the semester to develop a multi-year academic plan to ensure you're on track.

Minors

Minors for BSBA Students

The Sawyer Business School offers minor fields of study in the following: accounting, big data and business analytics, electronic commerce, entrepreneurship, finance, information systems, international business, legal studies, management, marketing, public service, real estate, and social impact. Students are encouraged to speak to advisors to be aware of new minors that may be established. In making choices about minors, students should consider their intellectual interests and the academic requirements of particular programs. It is expected that students will consult with their academic advisors in selecting a minor.

Functional Business Minors for CAS Students

In general, College of Arts & Sciences students may undertake a functional business minor after they have completed ENT 101 Business Foundations (formerly SBS 101). They can choose from the following focused business minors (typically 5 courses, 15 credits): accounting, big data and business analytics, electronic commerce, entrepreneurship, finance, information systems, international business, legal studies, management, marketing, public service, real estate, and social impact. Many business courses require prerequisites. Please review the appropriate business academic department section for functional minor requirements.

CAS students interested in pursuing an MBA or MPA should consult with the Undergraduate Academic Advising Center for custom advising on the selection of minor business courses.

General Business Minor Requirements (for CAS)

In addition to functional minors, a general business minor is also offered to CAS students and can be tailored to the student's interests. This typically comprises 5 courses for a total of 15 credits. It requires completion of ENT 101 Business Foundations (formerly SBS 101) and four additional business courses. Many business courses require prerequisites. Higher-level business courses are allowed if prerequisites have been satisfied. Most 300-level Business School courses require junior status (54 credit hours).

Courses listed as ‘general education’ options do not count toward a General Business Minor, including: SIB101 Globalization; SBS 220 Business Writing; PAD 201 Social Change; SBS 100 careerSTART; SBS 200 careerEXPLORE; SBS 300 careerBUILD; SBS400 careerLAUNCH (formerly called careerLINKS) and others approved to meet general education requirements.

*An interdisciplinary business studies major may be considered under special circumstances.

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Accounting

Mission and Objectives

The Accounting Department provides quality accounting education in contemporary subject matter in a supportive environment. Dedicated and qualified faculty ensure that our undergraduate and graduate programs develop competent and confident graduates, prepared for the challenges of a global business environment. Our graduates compete for entry-level and higher positions and advance successfully as financial professionals in public accounting in a broad range of industries and government. The Department also offers courses to support other programs offered by the Sawyer Business School.

Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the department, the Business School and the university.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major (and its graduate-level MSA and MST programs) the only AACSB International-accredited accounting program in Boston.

Professional Requirements

The Commonwealth of Massachusetts mandates a minimum of 120 semester hours, with specific course requirements, to sit for the Uniform CPA exam. 150 semester hours are required; earned as part of a bachelor's degree, master's degree, or both to become a licensed CPA. The 4+1 program enables students to satisfy the licensure requirement. There are recommended tracks in the 4+1 program designed to meet the Massachusetts requirements and prepare students for successful completion of the CPA Exam and careers in accounting. Students who plan to qualify as CPAs other than in Massachusetts should ascertain from the respective states or jurisdictions the specific requirements with which they must comply.

Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's 4+1 program prepares you for a professional career as an accountant. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Program](#)
- [Undergraduate Courses](#)

Accounting Major Requirements

The BSBA in Accounting requires completion of 24 credit hours in accounting beyond the completion of ACCT 201, Accounting for Decision Making I and ACCT 202, Accounting for Decision Making II. A cumulative grade point average of at least 2.0 in the accounting major and a cumulative grade point average of 2.0 overall must be maintained to graduate.

Accounting majors must complete 150 hours of pre-professional or professional accounting experience prior to graduating.

Accounting majors are assigned a faculty advisor from the Accounting Department to assist them in planning their program of studies and advise them on academic and career matters.

Accounting Major Required Courses, 7 Courses, 21 Credits

- **ACCT-320 Federal Taxation I**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Focuses on the federal income taxation of individuals with some discussion of business taxation. Explores the basic structure of individual income taxation, including the individual tax formula, income, deductions, and credits, and provides an introduction to property transactions. Emphasizes how tax laws affect everyday personal and business decisions.

Term:

Offered Both Fall and Spring

- **ACCT-321 Intermediate Accounting I**

Prerequisites:

ACCT 202; Junior standing

Credits:

3.00

Description:

Reviews basic financial accounting concepts and examines selected balance sheet and income statement items. The focus of this communication intensive course is on the valuation and reporting of current and non-current assets and liabilities and the income determination aspects of these items.

Term:

Offered Both Fall and Spring

- **ACCT-322 Intermediate Accounting II**

Prerequisites:

ACCT-321 with a minimum grade of C

Credits:

3.00

Description:

Continues to examine selected balance sheet and income statement items. The focus of this communication intensive course is on the valuation and reporting of investments and stockholders' equity and the income determination aspects of these items. Also considers special topics such as pensions, leases, deferred taxes, and cash flows.

Term:

Offered Both Fall and Spring

- **ACCT-331 Cost Accounting**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Explores concepts and procedures underlying the development of a cost accounting system for managerial decisions, control, and performance reporting. Introduces the basic ideas of responsibility accounting.

Term:

Offered Both Fall and Spring

- **ACCT-430 Accounting Information Systems**

Prerequisites:

ACCT 322; ISOM 310 or ISOM 423

Credits:

3.00

Description:

Introduces the design, operation, and use of accounting information systems. Examines the functional relationships of the AIS within an organization. Provides a background in automated data processing, along with the important human and organizational considerations in system design and implementation.

Term:

Offered Both Fall and Spring

- **ACCT-431 Auditing and Assurance Services**

Prerequisites:

Credits:

3.00

Description:

Provides an introduction to the field of auditing, with a concentration in auditing historical financial statements in accordance with generally accepted auditing standards, and some exposure to auditing the internal control over financial reporting of large public companies. Covers the environment, standards, regulation, and law of auditing in the US, with some exposure to the international environment. Covers audit planning, risk, and material assessments, audit evidence, evaluation of internal control, documentation, and audit reports.

Term:

Offered Both Fall and Spring

• ACCT-450 Accounting Theory and Practice

Prerequisites:

ACCT 431 (may be taken Concurrently) and Senior Status

Credits:

3.00

Description:

Addresses the non-technical foundations of accounting for CFOs, Audit Partners, FASB and SEC members and other leadership roles in accounting and finance. Core elements include enhancing critical thinking skills, understanding the grey areas of accounting, and analytical thinking. Subject matter combines current financial issues with traditional and radical concepts. However, the primary objective is to provide practice in forming and expressing opinions and taking a stand, using communication for impact, anticipating and managing ethical conflicts, and clarifying one's own guiding principles.

Term:

Offered Both Fall and Spring

Select one from the following:

- **ACCT-310 International Business Accounting**

Prerequisites:

FIN-200 (formerly FIN 310); ACCT-331

Credits:

3.00

Description:

Explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students gain an understanding of international financial reporting standards and the forces for convergence between IFRS and US GAAP. Presents financial analysis in a multi-financial context.

Term:

Offered Fall Term

- **ACCT-415 Not-For-Profit Accounting and Control**

Prerequisites:

ACCT 331

Credits:

3.00

Description:

Studies accounting principles, unique financial reporting (such as fund accounting), and budgetary control in government agencies and charitable, healthcare, educational, and other not-for-profit organizations.

Term:

Offered Spring Term

- **ACCT-422 Federal Taxation II**

Prerequisites:

ACCT 320

Credits:

3.00

Description:

Covers advanced individual tax topics such as cost recovery, itemized deductions, passive activity losses, AMT, complex basis rules, and the operation and formation of C corporations.

Term:

Offered Spring Term

- **ACCT-432 Advanced Accounting**

Prerequisites:

ACCT 322, and Junior standing

Credits:

3.00

Description:

Covers accounting procedures involved in business combinations and consolidated financial statements. Topics also include accounting for partnerships, various foreign currency issues, corporations in financial distress, and the role of regulatory authorities in financial reporting.

Term:

Offered Fall Term

Pre-Professional Experience, Non-Credit

- **ACCT-560 Accounting Practicum**

Prerequisites:

Instructor's consent required

Credits:

0.00

Description:

Fulfills the requirement that accounting majors must complete 150 hours of pre-professional or professional accounting experience prior to graduating. Experience may be acquired through an internship, part- or full-time employment, or a cooperative education position. Students register for ACCT 560 Accounting Internship during the semester in which they complete the required 150 hours. This experiential component carries no academic credit, does not require any tuition, and will be graded pass/fail. Approval of this experience must be obtained from the Accounting Department.

Term:

Offered Both Fall and Spring

Accounting majors must complete 150 hours of pre-professional or professional accounting experience prior to graduating. Experience may be acquired through an internship, part- or full-time employment, or a cooperative education position. Students register for ACCT 560 Accounting Internship during the semester in which they complete the required 150 hours. This experiential component carries no academic credit, does not require any tuition, and will be graded pass/fail. Approval of this experience must be obtained from the Accounting Department.

2014-2015 Archived Catalog Information

Accounting

Mission and Objectives

The Accounting Department provides quality accounting education in contemporary subject matter in a supportive environment. Dedicated and qualified faculty ensure that our undergraduate and graduate programs develop competent and confident graduates, prepared for the challenges of a global business environment. Our graduates compete for entry-level and higher positions and advance successfully as financial professionals in public accounting in a broad range of industries and government. The Department also offers courses to support other programs offered by the Sawyer Business School.

Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the department, the Business School and the university.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major (and its graduate-level MSA and MST programs) the only AACSB International-accredited accounting program in Boston.

Professional Requirements

The Commonwealth of Massachusetts mandates a minimum of 120 semester hours, with specific course requirements, to sit for the Uniform CPA exam. 150 semester hours are required; earned as part of a bachelor's degree, master's degree, or both to become a licensed CPA. The 4+1 program enables students to satisfy the licensure requirement. There are recommended tracks in the 4+1 program designed to meet the Massachusetts requirements and prepare students for successful completion of the CPA Exam and careers in accounting. Students who plan to qualify as CPAs other than in Massachusetts should ascertain from the respective states or jurisdictions the specific requirements with which they must comply.

Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's 4+1 program prepares you for a professional career as an accountant. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Program](#)
- [Undergraduate Courses](#)

Accounting Minor for Business Students, 3 courses, 9 credits

The minor requires the completion of the following three required courses (nine credit hours) beyond the completion of ACCT 201, Accounting for Decision Making I and ACCT 202, Accounting for Decision Making II.

- **ACCT-321 Intermediate Accounting I**

Prerequisites:

ACCT 202; Junior standing

Credits:

3.00

Description:

Reviews basic financial accounting concepts and examines selected balance sheet and income statement items. The focus of this communication intensive course is on the valuation and reporting of current and non-current assets and liabilities and the income determination aspects of these items.

Term:

Offered Both Fall and Spring

- **ACCT-322 Intermediate Accounting II**

Prerequisites:

ACCT-321 with a minimum grade of C

Credits:

3.00

Description:

Continues to examine selected balance sheet and income statement items. The focus of this communication intensive course is on the valuation and reporting of investments and stockholders' equity and the income determination aspects of these items. Also considers special topics such as pensions, leases, deferred taxes, and cash flows.

Term:

Offered Both Fall and Spring

- **ACCT-331 Cost Accounting**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Explores concepts and procedures underlying the development of a cost accounting system for managerial decisions, control, and performance reporting. Introduces the basic ideas of responsibility accounting.

Term:

Offered Both Fall and Spring

Accounting Minor for College of Arts and Sciences Students, 6 courses, 18 credits

In general, College of Arts and Sciences students may only undertake a functional business minor when they have achieved junior standing and have completed ENT 101 Business Foundations, formerly SBS 101.

After ENT 101, College students are required to take all of the following:

- **ACCT-201 Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

- **ACCT-202 Accounting for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from ACCT 201. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Topics include cost-volume-profit analysis, costing systems, variance analysis, and the budget process. Discusses relevant current ethical and competitive issues found in the financial press.

Term:

Offered Both Fall and Spring

- **ACCT-321 Intermediate Accounting I**

Prerequisites:

ACCT 202; Junior standing

Credits:

3.00

Description:

Reviews basic financial accounting concepts and examines selected balance sheet and income statement items. The focus of this communication intensive course is on the valuation and reporting of current and non-current assets and liabilities and the income determination aspects of these items.

Term:

Offered Both Fall and Spring

- **ACCT-322 Intermediate Accounting II**

Prerequisites:

ACCT-321 with a minimum grade of C

Credits:

3.00

Description:

Continues to examine selected balance sheet and income statement items. The focus of this communication intensive course is on the valuation and reporting of investments and stockholders' equity and the income determination aspects of these items. Also considers special topics such as pensions, leases, deferred taxes, and cash flows.

Term:

Offered Both Fall and Spring

- **ACCT-331 Cost Accounting**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Explores concepts and procedures underlying the development of a cost accounting system for managerial decisions, control, and performance reporting. Introduces the basic ideas of responsibility accounting.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Accounting

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Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the department, the Business School and the university.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major (and its graduate-level MSA and MST programs) the only AACSB International-accredited accounting program in Boston.

Professional Requirements

The Commonwealth of Massachusetts mandates a minimum of 120 semester hours, with specific course requirements, to sit for the Uniform CPA exam. 150 semester hours are required; earned as part of a bachelor's degree, master's degree, or both to become a licensed CPA. The 4+1 program enables students to satisfy the licensure requirement. There are recommended tracks in the 4+1 program designed to meet the Massachusetts requirements and prepare students for successful completion of the CPA Exam and careers in accounting. Students who plan to qualify as CPAs other than in Massachusetts should ascertain from the respective states or jurisdictions the specific requirements with which they must comply.

Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's 4+1 program prepares you for a professional career as an accountant. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Program](#)
- [Undergraduate Courses](#)

Suffolk's 4+1 Programs were developed for those wanted a deeper and more comprehensive preparation for their careers as accountants. Our programs emphasize deep accounting and/or tax knowledge, analytical skills and information technology and a broad perspective on the professional and institutional aspects of the practice of accounting. These programs are also designed to prepare students for successful completion of the Uniform CPA Examination (when supplemented by a review course or self-study).

Students who major in accounting, business administration, or economics from a U.S. institution may qualify to earn an MSA, MST, MSF, MSFSB, MSA/MST, or MSA/MSF in as few as 10-12 months of full-time study or 16 months part-time study. Students who earn a degree in business administration or economics from a U.S. institution may qualify to earn an MSF or MSFSB in as few as 10-12 months of full-time study or 16 months part-time study.

How to Apply

- You must officially apply to the MSA, MST, MSF, MSFSB, joint MSA/MST, or joint MSA/MSF program during the final semester of your senior year of undergraduate study. (Applications from recent graduates will also be considered.)
- If you have at least a 3.5 cumulative GPA in your final semester of your senior year, you can waive the GMAT or GRE requirement.
- Top students will be automatically considered for merit-based fellowship awards (no separate application required).

2014-2015 Archived Catalog Information

Accounting

Mission and Objectives

The Accounting Department provides quality accounting education in contemporary subject matter in a supportive environment. Dedicated and qualified faculty ensure that our undergraduate and graduate programs develop competent and confident graduates, prepared for the challenges of a global business environment. Our graduates compete for entry-level and higher positions and advance successfully as financial professionals in public accounting in a broad range of industries and government. The Department also offers courses to support other programs offered by the Sawyer Business School.

Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the department, the Business School and the university.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major (and its graduate-level MSA and MST programs) the only AACSB International-accredited accounting program in Boston.

Professional Requirements

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Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's 4+1 program prepares you for a professional career as an accountant. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Program](#)
- [Undergraduate Courses](#)

• **ACCT-201 Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

• **ACCT-H201 Honors Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102, WRI-103 or SBS-220, and at least a 3.3 GPA

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

- **ACCT-202 Accounting for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from ACCT 201. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Topics include cost-volume-profit analysis, costing systems, variance analysis, and the budget process. Discusses relevant current ethical and competitive issues found in the financial press.

Term:

Offered Both Fall and Spring

- **ACCT-H202 Honors Accounting for Decision Making II**

Prerequisites:

ACCT 201; 3.3 GPA

Credits:

3.00

Description:

Enables students to apply the concepts and skills from ACCT 201. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Topics include cost-volume-profit analysis, costing systems, variance analysis, and the budget process. Discusses relevant current ethical and competitive issues found in the financial press.

Term:

Offered Both Fall and Spring

- **ACCT-310 International Business Accounting**

Prerequisites:

FIN-200 (formerly FIN 310); ACCT-331

Credits:

3.00

Description:

Explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students gain an understanding of international financial reporting standards and the forces for convergence between IFRS and US GAAP. Presents financial analysis in a multi-financial context.

Term:

Offered Fall Term

- **ACCT-320 Federal Taxation I**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Focuses on the federal income taxation of individuals with some discussion of business taxation. Explores the basic structure of individual income taxation, including the individual tax formula, income, deductions, and credits, and provides an introduction to property transactions. Emphasizes how tax laws affect everyday personal and business decisions.

Term:

Offered Both Fall and Spring

• ACCT-321 Intermediate Accounting I

Prerequisites:

ACCT 202; Junior standing

Credits:

3.00

Description:

Reviews basic financial accounting concepts and examines selected balance sheet and income statement items. The focus of this communication intensive course is on the valuation and reporting of current and non-current assets and liabilities and the income determination aspects of these items.

Term:

Offered Both Fall and Spring

• ACCT-322 Intermediate Accounting II

Prerequisites:

ACCT-321 with a minimum grade of C

Credits:

3.00

Description:

Continues to examine selected balance sheet and income statement items. The focus of this communication intensive course is on the valuation and reporting of investments and stockholders' equity and the income determination aspects of these items. Also considers special topics such as pensions, leases, deferred taxes, and cash flows.

Term:

Offered Both Fall and Spring

- **ACCT-331 Cost Accounting**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Explores concepts and procedures underlying the development of a cost accounting system for managerial decisions, control, and performance reporting. Introduces the basic ideas of responsibility accounting.

Term:

Offered Both Fall and Spring

- **ACCT-415 Not-For-Profit Accounting and Control**

Prerequisites:

ACCT 331

Credits:

3.00

Description:

Studies accounting principles, unique financial reporting (such as fund accounting), and budgetary control in government agencies and charitable, healthcare, educational, and other not-for-profit organizations.

Term:

Offered Spring Term

- **ACCT-422 Federal Taxation II**

Prerequisites:

ACCT 320

Credits:

3.00

Description:

Covers advanced individual tax topics such as cost recovery, itemized deductions, passive activity losses, AMT, complex basis rules, and the operation and formation of C corporations.

Term:

Offered Spring Term

- **ACCT-430 Accounting Information Systems**

Prerequisites:

ACCT 322; ISOM 310 or ISOM 423

Credits:

3.00

Description:

Introduces the design, operation, and use of accounting information systems. Examines the functional relationships of the AIS within an organization. Provides a background in automated data processing, along with the important human and organizational considerations in system design and implementation.

Term:

Offered Both Fall and Spring

- **ACCT-431 Auditing and Assurance Services**

Prerequisites:

ACCT 321 AND ACCT 331

Credits:

3.00

Description:

Provides an introduction to the field of auditing, with a concentration in auditing historical financial statements in accordance with generally accepted auditing standards, and some exposure to auditing the internal control over financial reporting of large public companies. Covers the environment, standards, regulation, and law of auditing in the US, with some exposure to the international environment. Covers audit planning, risk, and material assessments, audit evidence, evaluation of internal control, documentation, and audit reports.

Term:

Offered Both Fall and Spring

- **ACCT-432 Advanced Accounting**

Prerequisites:

ACCT 322, and Junior standing

Credits:

3.00

Description:

Covers accounting procedures involved in business combinations and consolidated financial statements. Topics also include accounting for partnerships, various foreign currency issues, corporations in financial distress, and the role of regulatory authorities in financial reporting.

Term:

Offered Fall Term

- **ACCT-450 Accounting Theory and Practice**

Prerequisites:

ACCT 431 (may be taken Concurrently) and Senior Status

Credits:

3.00

Description:

Addresses the non-technical foundations of accounting for CFOs, Audit Partners, FASB and SEC members and other leadership roles in accounting and finance. Core elements include enhancing critical thinking skills, understanding the grey areas of accounting, and analytical thinking. Subject matter combines current financial issues with traditional and radical concepts. However, the primary objective is to provide practice in forming and expressing opinions and taking a stand, using communication for impact, anticipating and managing ethical conflicts, and clarifying one's own guiding principles.

Term:

Offered Both Fall and Spring

- **ACCT-510 Independent Study**

Prerequisites:

ACCT 322, ACCT 331 or approval from dept. chair

Credits:

3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in

enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **ACCT-560 Accounting Practicum**

Prerequisites:

Instructor's consent required

Credits:

0.00

Description:

Fulfills the requirement that accounting majors must complete 150 hours of pre-professional or professional accounting experience prior to graduating. Experience may be acquired through an internship, part- or full-time employment, or a cooperative education position. Students register for ACCT 560 Accounting Internship during the semester in which they complete the required 150 hours. This experiential component carries no academic credit, does not require any tuition, and will be graded pass/fail. Approval of this experience must be obtained from the Accounting Department.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Business Law and Ethics

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Students may take Business Law and Ethics courses as electives or complete one of the two undergraduate minors offered by the Business Law and Ethics Department:

The **legal studies minor** provides insight into the study of law and complements majors in both the Business School and the College of Arts & Sciences. It contributes to a comprehensive pre-law experience and is valuable to students who intend to go to Law School.

The **real estate minor** is for students who have an interest in pursuing a career in real estate, real estate development, or working for a larger firm that owns and manages multiple properties. Real estate courses teach the importance of real estate in the business model and the implementation of development and the importance of physical real estate assets.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Legal Studies Minor Requirements](#)
- [Real Estate Minor Requirements](#)
- [Undergraduate Courses](#)

Legal Studies Minor for Business Students, 3 courses, 9 credits

Select three of the following courses in addition to completion of BLE 214 Principles of Business Law:

- BLE-315 Legal and Financial Aspects of Business Organizations

Prerequisites:

BLE 214

Credits:

3.00

Description:

Examines the formation, strategic use, and financial implications of alternative forms of business organization, namely partnerships, corporations, trusts, subchapter corporations, and the new limited liability hybrids.

- **BLE-316 Legal Aspects of Commercial and Employment Transactions**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Studies the key elements of modern commercial law related to carrying on a successful business enterprise. Topics include: sales of goods, employment law, financing, security, and insurance transactions.

Term:

Offered Fall Term

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Surveys the global legal environment of business. Emphasizes case analysis of topics such as: sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. Explores the managerial and economic significance of these topics.

Term:

Offered Both Fall and Spring

• BLE-318 Intro to Real Estate Principles

Prerequisites:

BLE 214

Credits:

3.00

Description:

Introduces students to the concepts and principles of real estate. Enables students to understand the key components of each major real estate asset class including: residential, retail, commercial, industrial, hospitality, and properties. Students learn the range of professional players in the industry and what roles they play. Teaches basic elements of a Development Pro-forma Budget; Operating Pro-forma Budget; Sources and Uses Statement; and financial schedules. Utilizes textbook, case work, web based data sources, selected readings and field trips. Emphasizes practical application of the concepts taught, the use of current examples from the industry, and today's marketplace.

Term:

Offered Fall Term

• BLE-510 Independent Study in Business

Prerequisites:

Approval of Dept Chair or Dean

Credits:

3.00

Description:

Involves a student initiated written proposal to a willing and appropriate full-time faculty member for a directed study project. Normally this is for three credits and completed during one semester. Prior to registration, the faculty member and student must concur on a written proposal, which includes a reading list and description of requirements for grading of the final project.

Legal Studies Minor for College of Arts & Sciences Students, 5 courses, 15 credits

Select three of the following courses in addition to completion of ENT 101 Business Foundations (formerly SBS 101) and BLE-214 Principles of Business Law:

- **BLE-215 Business Ethics and Law**

Credits:

3.00

Description:

Business ethics is applied ethics. Explores the roles and responsibilities of business in a global society. Teaches models of ethical decision-making that incorporate multiple points of view, including diverse cultural worldviews and legal perspectives. Addresses factors that contribute to and constrain ethical behavior in and by organizations. Students apply concepts to current business problems, such as anti-trust, accounting fraud, deceptive advertising, and environmental dumping.

Term:

Offered Both Fall and Spring

- **BLE-315 Legal and Financial Aspects of Business Organizations**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Examines the formation, strategic use, and financial implications of alternative forms of business organization, namely partnerships, corporations, trusts, subchapter corporations, and the new limited liability hybrids.

- **BLE-316 Legal Aspects of Commercial and Employment Transactions**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Studies the key elements of modern commercial law related to carrying on a successful business enterprise. Topics include:sales of goods,employment law, financing, security, and insurance transactions.

Term:

Offered Fall Term

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Surveys the global legal environment of business. Emphasizes case analysis of topics such as: sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. Explores the managerial and economic significance of these topics.

Term:

Offered Both Fall and Spring

- **BLE-318 Intro to Real Estate Principles**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Introduces students to the concepts and principles of real estate. Enables students to understand the key components of each major real estate asset class including: residential, retail, commercial, industrial, hospitality, and properties. Students learn the range of professional players in the industry and what roles they play. Teaches basic elements of a Development Pro-forma Budget; Operating Pro-forma Budget; Sources and Uses Statement; and financial schedules. Utilizes textbook, case work, web based data sources, selected readings and field trips. Emphasizes practical application of the concepts taught, the use of current examples from the industry, and today's marketplace.

Term:

Offered Fall Term

- **BLE-319 Real Estate Development and Public Policy**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Explores the role of local, state and federal policy development in the real estate industry. Students build fundamentals and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, and environmental reviews. Focuses on the art of securing public approval for a broad range of real estate projects.

Term:

Offered Spring Term

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Business Law and Ethics

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Students may take Business Law and Ethics courses as electives or complete one of the two undergraduate minors offered by the Business Law and Ethics Department:

The **legal studies minor** provides insight into the study of law and complements majors in both the Business School and the College of Arts & Sciences. It contributes to a comprehensive pre-law experience and is valuable to students who intend to go to Law School.

The **real estate minor** is for students who have an interest in pursuing a career in real estate, real estate development, or working for a larger firm that owns and manages multiple properties. Real estate courses teach the importance of real estate in the business model and the implementation of development and the importance of physical real estate assets.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Legal Studies Minor Requirements](#)
- [Real Estate Minor Requirements](#)
- [Undergraduate Courses](#)

Real Estate Minor for Business Students, 3 courses, 9 credits

Complete these three courses after completing BLE-214 Principles of Business Law:

- BLE-318 Intro to Real Estate Principles

Prerequisites:

BLE 214

Credits:

3.00

Description:

Introduces students to the concepts and principles of real estate. Enables students to understand the key components of each major real estate asset class including: residential, retail, commercial, industrial, hospitality, and properties. Students learn the range of professional players in the industry and what roles they play. Teaches basic elements of a Development Pro-forma Budget; Operating Pro-forma Budget; Sources and Uses Statement; and financial schedules. Utilizes textbook, case work, web based data sources, selected readings and field trips. Emphasizes practical application of the concepts taught, the use of current examples from the industry, and today's marketplace.

Term:

Offered Fall Term

- **BLE-319 Real Estate Development and Public Policy**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Explores the role of local, state and federal policy development in the real estate industry. Students build fundamentals and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, and environmental reviews. Focuses on the art of securing public approval for a broad range of real estate projects.

Term:

Offered Spring Term

- **FIN-317 Real Estate**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

Any real estate special topics or independent study course may also count. Students should speak to their real estate minor advisor in the department for further information.

Real Estate Minor for College of Arts & Sciences Students, 5 courses, 15 credits

See individual course descriptions for prerequisites.

Required courses for CAS students:

- **ENT-101 Business Foundations**

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

Offered Both Fall and Spring

- BLE-214 Principles of Business Law

Credits:

3.00

Description:

Introduces the field of business law. Provides an overview of the organization and operation of the American legal system, court system and legal procedure. Examines selected business law topics such as contracts, torts, criminal law, agency, and business organizations. Attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

- BLE-318 Intro to Real Estate Principles

Prerequisites:

BLE 214

Credits:

3.00

Description:

Introduces students to the concepts and principles of real estate. Enables students to understand the key components of each major real estate asset class including: residential, retail, commercial, industrial, hospitality, and properties. Students learn the range of professional players in the industry and what roles they play. Teaches basic elements of a Development Pro-forma Budget; Operating Pro-forma Budget; Sources and Uses Statement; and financial schedules. Utilizes textbook, case work, web based data sources, selected readings and field trips. Emphasizes practical application of the concepts taught, the use of current examples from the industry, and today's marketplace.

Term:

Offered Fall Term

- BLE-319 Real Estate Development and Public Policy

Prerequisites:

BLE 214

Credits:

3.00

Description:

Explores the role of local, state and federal policy development in the real estate industry. Students build fundamentals and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, and environmental reviews. Focuses on the art of securing public approval for a broad range of real estate projects.

Term:

Offered Spring Term

Take one elective course from the following list:

- **MKT-210 Principles of Marketing**

Prerequisites:

WRI 101 or WRI 103

Credits:

3.00

Description:

As part of the core curriculum for the BSBA, this course provides a comprehensive, innovative, managerial, and practical introduction to marketing. Students will learn and apply basic concepts and practices of modern marketing as used in a wide variety of settings. Technological advances, rapid globalization, economic shifts and cultural and environmental developments are causing profound changes in the marketplace. As the marketplace changes, so must the marketers who serve it. These new developments signify a brand new world of opportunities for forward thinking marketers. In response to these new developments, the focus of this course is on four major themes that go to the heart of modern marketing theory and practice: 1. Building and managing profitable customer relationships; 2. Building and managing strong brands; 3. Harnessing new marketing technologies in this digital age; and 4. Marketing in a socially responsible way around the globe.

- **MGT-401 Negotiations**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

• MGT-302 Developing Innovation Skills

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To

Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

Type:

Creativity and Innovation

- **FIN-317 Real Estate**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

Any real estate special topics or independent study course may also count. Students may also contact the Business Law and Ethics Department to speak to the real estate minor advisor for further information.

2014-2015 Archived Catalog Information

Business Law and Ethics

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Legal Studies Minor Requirements](#)
- [Real Estate Minor Requirements](#)
- [Undergraduate Courses](#)

- BLE-214 Principles of Business Law

Credits:

3.00

Description:

Introduces the field of business law. Provides an overview of the organization and operation of the American legal system, court system and legal procedure. Examines selected business law topics such as contracts, torts, criminal law, agency, and business organizations. Attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

- **BLE-H214 Honors Principles of Business Law**

Prerequisites:

GPA of 3.3 or above required.

Credits:

3.00

Description:

Introduces the field of business law. Provides an overview of the organization and operation of the American legal system, court system and legal procedure. Examines selected business law topics such as contracts, torts, criminal law, agency, and business organizations. Attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Spring Term

- **BLE-215 Business Ethics and Law**

Credits:

3.00

Description:

Business ethics is applied ethics. Explores the roles and responsibilities of business in a global society. Teaches models of ethical decision-making that incorporate multiple points of view, including diverse cultural worldviews and legal perspectives. Addresses factors that contribute to and constrain ethical behavior in and by organizations. Students apply concepts to current business problems, such as anti-trust, accounting fraud, deceptive advertising, and environmental dumping.

Term:

Offered Both Fall and Spring

- **BLE-H215 Honors Business Ethics and Law**

Prerequisites:

GPA of 3.3 or above required.

Credits:

3.00

Description:

Business ethics is applied ethics. Explores the roles and responsibilities of business in a global society. Teaches models of ethical decision-making that incorporate multiple points of view, including diverse cultural worldviews and legal perspectives. Addresses factors that contribute to and constrain ethical behavior in and by organizations. Students apply concepts to current business problems, such as anti-trust, accounting fraud, deceptive advertising, and environmental dumping.

Term:

Offered Fall Term

- **BLE-310 I Want to Buy a Home**

Prerequisites:

Junior standing or above needed.

Credits:

1.00

Description:

Teaches students all they have to know about purchasing a residence, starting with finding a home to financing, inspections, documents, and final ownership conveyance.

Term:

- **BLE-315 Legal and Financial Aspects of Business Organizations**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Examines the formation, strategic use, and financial implications of alternative forms of business organization, namely partnerships, corporations, trusts, subchapter corporations, and the new limited liability hybrids.

- **BLE-316 Legal Aspects of Commercial and Employment Transactions**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Studies the key elements of modern commercial law related to carrying on a successful business enterprise. Topics include: sales of goods, employment law, financing, security, and insurance transactions.

Term:

Offered Fall Term

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Surveys the global legal environment of business. Emphasizes case analysis of topics such as: sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. Explores the managerial and economic significance of these topics.

Term:

Offered Both Fall and Spring

- **BLE-318 Intro to Real Estate Principles**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Introduces students to the concepts and principles of real estate. Enables students to understand the key components of each major real estate asset class including: residential, retail, commercial, industrial, hospitality, and properties. Students learn the range of professional players in the industry and what roles they play. Teaches basic elements of a Development Pro-forma Budget; Operating Pro-forma Budget; Sources and Uses Statement; and financial schedules. Utilizes textbook, case work, web based data sources, selected readings and field trips. Emphasizes practical application of the concepts taught, the use of current examples from the industry, and today's marketplace.

Term:

Offered Fall Term

- **BLE-319 Real Estate Development and Public Policy**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Explores the role of local, state and federal policy development in the real estate industry. Students build fundamentals and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, and environmental reviews. Focuses on the art of securing public approval for a broad range of real estate projects.

Term:

Offered Spring Term

- **BLE-321 Corporate Crime and Financial Fraud**

Credits:

3.00

Description:

Presents an in-depth study of corporate crime and financial fraud. Examines accounting devices and schemes employed to defraud stakeholders, failure of industry watchdogs, and the regulatory and legislative environment. Topics include: corporate governance, corporate finance, corporate compliance programs, ethical misconduct by outside legal, accounting, investment and banking professionals, Sarbanes Oxley Act, Foreign Corrupt Practices Act, Organizational Sentencing guidelines, mail fraud, wire fraud, money laundering, conspiracy, securities violations, qui tam litigation("whistleblowers") and financial accounting crimes.

- **BLE-510 Independent Study in Business**

Prerequisites:

Approval of Dept Chair or Dean

Credits:

3.00

Description:

Involves a student initiated written proposal to a willing and appropriate full-time faculty member for a directed study project. Normally this is for three credits and completed during one semester. Prior to registration, the faculty member and student must concur on a written proposal, which includes a reading list and description of requirements for grading of the final project.

- **BLE-H510 Honors Independent Study in Business Law**

Prerequisites:

Approval of Dept Chair or Dean

Credits:

3.00

Description:

Involves a student initiated written proposal to a willing and appropriate full-time faculty member for a directed study project. Normally three credits and completed during one semester. Prior to registration, faculty member and student must concur on a written proposal, which includes a reading list and description of requirements for grading of the final project.

- **BLE-553 Real Estate Development & Public Policy**

Credits:

3.00

Description:

Explores the role of local, state and federal policy development in the real estate industry. Students will build upon the fundamentals previously learned and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, environmental reviews, etc. Focus on the art of securing public approval for a broad range of real estate projects.

2014-2015 Archived Catalog Information

Entrepreneurship

Offered by the Management and Entrepreneurship department, the entrepreneurship major is for students who are highly motivated, innovative, and impactful in the global entrepreneurial community. Through our practical, coordinated, hands-on curriculum; entrepreneurial faculty; and the Center for Entrepreneurship, you will learn how to be a successful entrepreneur within existing organizations and new ventures.

Our core major courses take you through Suffolk University's entrepreneurial process, including idea generation, opportunity recognition, feasibility planning, legal and financial considerations, and business model and plan development, all leading to our capstone course where you will solve problems for real client startups and small organizations. Electives provide you the opportunity to tailor your major in social, global, and green entrepreneurship; small business management; family business; and other areas of interest, depending on your entrepreneurial spirit.

For students interested in starting a business during the Suffolk experience, we have a launch program that tailors your capstone and major electives to allow you to work directly on your specific opportunity. You will develop your opportunity with the support of entrepreneurship faculty, the Suffolk Ventures alumni entrepreneurial community, and the Center for Entrepreneurship.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)

Entrepreneurship Major Requirements

The entrepreneurship major consists of a minimum of twenty-one (21) semester hours, which includes five (5) required courses and two (2) elective courses taken at Suffolk University.

The core entrepreneurship courses occur in a five (5) semester sequence starting in your second semester of your sophomore year (you may begin in your first semester of your sophomore year, but no later than the second semester of your junior year).

Required Courses, 5 Courses, 15 Credits

- ENT-280 Opportunity Recognition and Discovery

Prerequisites:

MGT 101;Sophomore StandinG. For sections designated for ENT majors and minors only, only ENT majors and minors may enroll in those sections. For sections designated for Non-ENT majors and minors, ENT majors and minors are not allowed.

Credits:

3.00

Description:

Ever wonder how entrepreneurs get their ideas? In this course, you will learn a deliberate process of opportunity recognition and discovery. You will learn how to generate ideas taking into consideration rarity, value, and your entrepreneurial fit. Through this process, you will gain an understanding of your knowledge, skills and abilities intended to improve the likelihood of success. Once your opportunity is identified, you will determine the feasibility of its feasibility from concept to an industry and competitive analysis.

Term:

Offered Both Fall and Spring

• ENT-300 Legal and Financial Risk With Startups

Prerequisites:

ACCT 201 AND ENT 280.

Credits:

3.00

Description:

Expand upon your feasibility plan from ENT 280, or identify a new opportunity, and learn about the financial and legal considerations that need to be addressed to determine whether or not your opportunity is a go or no go with respect to moving your opportunity forward towards business plan development. Legal topics include: business organization, employment practices, taxation and independent contractors, intellectual property, contracts and governance. Financial topics include: verifying the business model and related cost structure, making credible assumptions, preparing forecast financial statements, all leading to a final presentation pitching the feasibility of your opportunity.

Term:

Offered Both Fall and Spring

- **ENT-315 Entrepreneurial Skills**

Prerequisites:

ENT 280 and Junior standing

Credits:

3.00

Description:

Knowledge of business alone, or having an idea, is not sufficient for the entrepreneur. You must also learn how to manage yourself and others as you prepare for your first day of business. This course is designed to provide you with the knowledge and skills to build and lead a startup or growing organization through lessons and experiential team projects. Skills covered in this course include: self management, negotiations, networking, sales, conflict/collaboration, and teams.

Term:

Offered Both Fall and Spring

- **ENT-326 Writing the Business Plan**

Prerequisites:

ENT 300, ACCT 201, ACCT 202 and Junior Standing.

Credits:

3.00

Description:

Use your knowledge from your entrepreneurship courses and experience up to this point to create a viable business plan that will lend credibility to the viability of your potential audience, which may include investors, financial institutions, suppliers, family or friends. In this course, you will write a business plan that shapes your opportunity into a model that resembles a venture. You will then defend the plan addressing the venture's business model, management team, organization, customers, markets, competitors, operations and risk, all leading to financials that will determine the amount of capital you will need, as well as financing alternatives.

Term:

Offered Both Fall and Spring

- **ENT-419 E-Project Opportunity**

Prerequisites:

ENT-101, MKT-210, ENT-326, ENT-315, FIN-200, MGT-217, ISOM-319, and at least 84 credits

Credits:

3.00

Description:

Before you launch your venture, our capstone course gives you an opportunity to assess and consult with other startups through the eyes of their founders. This course is held in an experiential setting to help entrepreneurial majors develop and practice their business skills working with real startups and small business under pro bono consulting arrangements. This course is a transition from student to professional under the supervision of a faculty member who serves as a coach and advisor. Students will learn to interview client organizations, assess the current business, negotiate a statement of work, and develop a project management plan that leads to the consultant-client negotiated deliverable(s). Depending on the client organization, this course will most likely include visiting the client location.

Term:

Offered Both Fall and Spring

Elective Courses*, 2 Courses, 6 Credits

- **ENT-324 Leading the Entrepreneurial Firm**

Prerequisites:

MGT 101 and Junior standing; This course was formerly MGT 324

Credits:

3.00

Description:

Are you interested in leading, growing and troubleshooting the entrepreneurial small business? This course provides a detailed analysis of and hands-on experience with the competencies required to lead and grow startups and small businesses. Competencies include the utilization of teams, understanding of the team, organizational characteristics, and level of entrepreneurial thinking that will be accomplished through assessment and

practical analysis. Students will complete the course with an understanding of 1) small business leadership skills, 2) team effectiveness skills, 3) decision-making in times of economic growth and stress.

Term:

Occasional

• ENT-320 Small Business Management

Prerequisites:

Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges or working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution.

Term:

Offered Both Fall and Spring

• ENT-350 Social Entrepreneurship

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Offered Fall Term

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Over the past decade, the world of business and the environment has exploded. Beginning as an engineering-driven movement among a handful of companies during the 1980's, many firms have learned that improved environment performance can save money and create a competitive advantage. In this course, we will cover how businesses of all sizes are more attentive to environmental issues and the realization that a green business: improves employee morale and health in the workplace, holds a marketing edge over the competition, strengthens the bottom line through operating efficiencies, is recognized as an environmental leader, can have a strong impact in the community and beyond, and can improve public relations.

Term:

Offered Spring Term

- **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

• ENT-356 Bootstrapping the Startup Or Small Business

Prerequisites:

ACCT 201 and Junior Standing.

Credits:

3.00

Description:

Did you ever wonder how you are going to start a business or run an existing small business without enough capital? This is a very common phenomenon where startups and small businesses are typically undercapitalized and need to maximize internally-generated cash flow to not only start of run the business, but to also grow. Centered around an experiential process, this course will identify how to internally generate cash flow with the realization that more than 90% of all ventures operate in a bootstrapping environment. This course will identify a strong understanding of cash inflows, outflows, and maximizing both components to generate additional capital necessary for the business's requirements.

Term:

Occasional

• ENT-358 Launching New Products

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will focus on the steps that innovators/entrepreneurs need to follow that will take ideas and launch them into new products. This is accomplished by taking the concept directly to the prospective customers. This course will cover: creating specifications, product sell sheets, prototype development, drafting an executive summary, intellectual property protection, manufacturing and quality control considerations, identifying vendors, customers, and funding sources, and developing a marketing and sales plan for launching the product. During the semester, students will be required to interact with their potential customers, vendors and other key players for the launch.

Term:

Offered Both Fall and Spring

- **ENT-360 Launching the E-Business**

Prerequisites:

Take MKT-210 or MKT-H210 and junior standing required.

Credits:

3.00

Description:

This experiential course is an entrepreneurial approach towards developing a real e-commerce business. Students will build off their marketing skills and entrepreneurial ambitions by a) advancing e-commerce ideas to opportunities, b) understanding the product, logistical, marketing, and managerial challenges associated with e-commerce startups, and c) developing financial models to predict and measure performance. This will be accomplished by students developing a launch plan for the opportunity, as well as executing portions of the launch plan.

Term:

Occasional

- **ENT-366 Starting and Managing a Restaurant**

Credits:

3.00

Description:

Do you want to start or manage a restaurant? The restaurant industry is highly competitive with high turnover. The challenges are tough enough when you understand the business, however, too many entrepreneurs who start or many restaurants lack the necessary experience. This course will help you understand the crucial elements of launching or managing a restaurant, including: business organization, funding, location, market analysis, lease v. buy, facility layout, professional resources, licensing, human resources, technology, purchasing, advertising, insurance, record-keeping, and expansion.

- **ENT-436 Managing the Family Business**

Prerequisites:

MGT-217(MGT 317), Junior standing,

Credits:

3.00

Description:

Are you interested in managing the family business and the challenges of succession between generations? If so, this course focuses on the challenges of adapting corporate-type managerial skills to family-owned and operated enterprises that typically reject such practices. The goals of this course include development of a working knowledge of managing the family business, reinterpretation of corporate management concepts for the family business, and personal reflection on the roles and conditions of operating a family business.

Term:

Offered Spring Term

- **ENT-510 Entrepreneurship Ind. Study**

Prerequisites:

ENT 326 and Senior Standing. Note: This course may be used as an ENT major elective.

Credits:

3.00

Description:

Are you looking for an ENT major elective to help you continue with research associated with your opportunity of venture? This independent study is available to students who are looking to expand on their classroom experience by doing additional research related to their prospective opportunity or venture. Students must draft the statement of work related to the independent study, with a primary focus on solving a problem or problems through extensive research, as well as have an ENT faculty member supervise the student during the study. The statement of work must provide evidence sufficient to support the number of credits being requested. Once the statement of work is completed, the student must attach the statement of work to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

• MGT-313 Human Resource Management

Prerequisites:

ENT 101 (formerly SBS 101); Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

• MGT-322 Managing Diversity in the Workplace

Prerequisites:

MGT 217 (formerly MGT 317) or Instructor's consent required; Junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

• MGT-335 Managing Across Cultures

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

• MGT-401 Negotiations

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

- **MKT-313 Professional Selling**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **MKT-315 Integrated Marketing Communication**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

• MKT-317 Consumer Behavior

Prerequisites:

MKT 210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

• MKT-319 Marketing Research

Prerequisites:

MKT 210; STATS 250 or STATS-240; MKT-318 or MKT-320;

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and

quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerrilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

- **SIB-419 Global Business Theory & Practice**

Prerequisites:

MKT 210; ISOM 319; MGT 217 (formerly MGT 317); FIN 200 (formerly FIN 310); SIB 321

Credits:

3.00

Description:

This course will integrate global business theories and concepts with practice. Topics include: Transnational strategy, foreign direct investment, regional development clusters, role and operation of the WTO, outsourcing and supply chain management, and international ethics. Students integrate discipline-specific knowledge, practice investigation and decision-making around global business issues, improve business communication skills, and practice teamwork for global business decision- making.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Diverse Perspectives

- **ACCT-320 Federal Taxation I**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Focuses on the federal income taxation of individuals with some discussion of business taxation. Explores the basic structure of individual income taxation, including the individual tax formula, income, deductions, and credits, and provides an introduction to property transactions. Emphasizes how tax laws affect everyday personal and business decisions.

Term:

Offered Both Fall and Spring

• BLE-318 Intro to Real Estate Principles

Prerequisites:

BLE 214

Credits:

3.00

Description:

Introduces students to the concepts and principles of real estate. Enables students to understand the key components of each major real estate asset class including: residential, retail, commercial, industrial, hospitality, and properties. Students learn the range of professional players in the industry and what roles they play. Teaches basic elements of a Development Pro-forma Budget; Operating Pro-forma Budget; Sources and Uses Statement; and financial schedules. Utilizes textbook, case work, web based data sources, selected readings and field trips. Emphasizes practical application of the concepts taught, the use of current examples from the industry, and today's marketplace.

Term:

Offered Fall Term

• FIN-315 Principles of Investments

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed, including stocks, bonds, futures, and options.

Term:

Offered Both Fall and Spring

• FIN-317 Real Estate

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

• ISOM-212 Web Design

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-244 Web Application Development**

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-315 Mobile App Development**

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

*All ENT courses listed above require junior standing.

2014-2015 Archived Catalog Information

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)

The Entrepreneurship minor consists of a minimum of twelve (12) semester hours.

The required entrepreneurship courses occur in a four (4) semester sequence starting in your second semester of your sophomore year or your first semester of your junior year (but no later than the second semester of your junior year).

Entrepreneurship Minor

Required Courses

- ENT-280 Opportunity Recognition and Discovery

Prerequisites:

MGT 101;Sophomore StandinG. For sections designated for ENT majors and minors only, only ENT majors and minors may enroll in those sections. For sections designated for Non-ENT majors and minors, ENT majors and minors are not allowed.

Credits:

3.00

Description:

Ever wonder how entrepreneurs get their ideas? In this course, you will learn a deliberate process of opportunity recognition and discovery. You will learn how to generate ideas taking into consideration rarity, value, and your entrepreneurial fit. Through this process, you will gain an understanding of your knowledge, skills and abilities intended to improve the likelihood of success. Once your opportunity is identified, you will determine the feasibility of its feasibility from concept to an industry and competitive analysis.

Term:

Offered Both Fall and Spring

• ENT-300 Legal and Financial Risk With Startups

Prerequisites:

ACCT 201 AND ENT 280.

Credits:

3.00

Description:

Expand upon your feasibility plan from ENT 280, or identify a new opportunity, and learn about the financial and legal considerations that need to be addressed to determine whether or not your opportunity is a go or no go with respect to moving your opportunity forward towards business plan development. Legal topics include: business organization, employment practices, taxation and independent contractors, intellectual property, contracts and governance. Financial topics include: verifying the business model and related cost structure, making credible assumptions, preparing forecast financial statements, all leading to a final presentation pitching the feasibility of your opportunity.

Term:

Offered Both Fall and Spring

- **ENT-315 Entrepreneurial Skills**

Prerequisites:

ENT 280 and Junior standing

Credits:

3.00

Description:

Knowledge of business alone, or having an idea, is not sufficient for the entrepreneur. You must also learn how to manage yourself and others as you prepare for your first day of business. This course is designed to provide you with the knowledge and skills to build and lead a startup or growing organization through lessons and experiential team projects. Skills covered in this course include: self management, negotiations, networking, sales, conflict/collaboration, and teams.

Term:

Offered Both Fall and Spring

- **ENT-326 Writing the Business Plan**

Prerequisites:

ENT 300, ACCT 201, ACCT 202 and Junior Standing.

Credits:

3.00

Description:

Use your knowledge from your entrepreneurship courses and experience up to this point to create a viable business plan that will lend credibility to the viability of your potential audience, which may include investors, financial institutions, suppliers, family or friends. In this course, you will write a business plan that shapes your opportunity into a model that resembles a venture. You will then defend the plan addressing the venture's business model, management team, organization, customers, markets, competitors, operations and risk, all leading to financials that will determine the amount of capital you will need, as well as financing alternatives.

Term:

Offered Both Fall and Spring

Note for College of Arts & Sciences Students

In addition to the above four (4) courses, students from the College of Arts & Sciences are required to take ENT 101 Business Foundations (formerly SBS 101) before starting the entrepreneurship minor.

2014-2015 Archived Catalog Information

Entrepreneurship

Offered by the Management and Entrepreneurship department, the entrepreneurship major is for students who are highly motivated, innovative, and impactful in the global entrepreneurial community. Through our practical, coordinated, hands-on curriculum; entrepreneurial faculty; and the Center for Entrepreneurship, you will learn how to be a successful entrepreneur within existing organizations and new ventures.

Our core major courses take you through Suffolk University's entrepreneurial process, including idea generation, opportunity recognition, feasibility planning, legal and financial considerations, and business model and plan development, all leading to our capstone course where you will solve problems for real client startups and small organizations. Electives provide you the opportunity to tailor your major in social, global, and green entrepreneurship; small business management; family business; and other areas of interest, depending on your entrepreneurial spirit.

For students interested in starting a business during the Suffolk experience, we have a launch program that tailors your capstone and major electives to allow you to work directly on your specific opportunity. You will develop your opportunity with the support of entrepreneurship faculty, the Suffolk Ventures alumni entrepreneurial community, and the Center for Entrepreneurship.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)

- **ENT-101 Business Foundations**

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for

analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

Offered Both Fall and Spring

- **ENT-H101 Business Foundations**

Prerequisites:

GPA of 3.3 or above required.

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

Offered Both Fall and Spring

- **ENT-110 Do You Want to Start a Business?**

Credits:

3.00

Description:

Courses in the 550s are new offerings in Entrepreneurship. Special topics are announced when the courses are scheduled. Prerequisites vary from course to course. Do You Want to Start a Business? This introductory survey course is designed to help students learn about starting a business and assess their personal interest in pursuing such activity. Topics cover the range of business start-up activities from personal assessment to opportunity recognition, market assessment, feasibility determination, financial planning, legal, human resources, and business planning.

Term:

Offered Both Fall and Spring

• ENT-280 Opportunity Recognition and Discovery

Prerequisites:

MGT 101; Sophomore Standing. For sections designated for ENT majors and minors only, only ENT majors and minors may enroll in those sections. For sections designated for Non-ENT majors and minors, ENT majors and minors are not allowed.

Credits:

3.00

Description:

Ever wonder how entrepreneurs get their ideas? In this course, you will learn a deliberate process of opportunity recognition and discovery. You will learn how to generate ideas taking into consideration rarity, value, and your entrepreneurial fit. Through this process, you will gain an understanding of your knowledge, skills and abilities intended to improve the likelihood of success. Once your opportunity is identified, you will determine the feasibility of its feasibility from concept to an industry and competitive analysis.

Term:

Offered Both Fall and Spring

• ENT-300 Legal and Financial Risk With Startups

Prerequisites:

ACCT 201 AND ENT 280.

Credits:

3.00

Description:

Expand upon your feasibility plan from ENT 280, or identify a new opportunity, and learn about the financial and legal considerations that need to be addressed to determine whether or not your opportunity is a go or no go with respect to moving your opportunity forward towards business plan development. Legal topics include: business organization, employment practices, taxation and independent contractors, intellectual property, contracts and governance. Financial topics include: verifying the business model and related cost structure, making credible assumptions, preparing forecast financial statements, all leading to a final presentation pitching the feasibility of your opportunity.

Term:

Offered Both Fall and Spring

• ENT-H300 Legal and Financial Risk With Startups

Credits:

3.00

Description:

Expand upon your feasibility plan from ENT 280, or identify a new opportunity, and learn about the financial and legal considerations that need to be addressed to determine whether or not your opportunity is a go or no go with respect to moving your opportunity forward towards business plan development. Legal topics include: business organization, employment practices, taxation and independent contractors, intellectual property, contracts and governance. Financial topics include: verifying the business model and related cost structure, making credible assumptions, preparing forecast financial statements, all leading to a final presentation pitching the feasibility of your opportunity.

• ENT-315 Entrepreneurial Skills

Prerequisites:

ENT 280 and Junior standing

Credits:

3.00

Description:

Knowledge of business alone, or having an idea, is not sufficient for the entrepreneur. You must also learn how to manage yourself and others as you prepare for your first day of business. This course is designed to provide you with the knowledge and skills to build and lead a startup or growing

organization through lessons and experiential team projects. Skills covered in this course include: self management, negotiations, networking, sales, conflict/collaboration, and teams.

Term:

Offered Both Fall and Spring

- **ENT-H315 Honors Entrepreneurial Skills**

Prerequisites:

Take ENT-280 or ENT-H280; GPA of 3.3 or higher

Credits:

3.00

Description:

Knowledge of business alone, or having an idea, is not sufficient for the entrepreneur. You must also learn how to manage yourself and others as you prepare for your first day of business. This course is designed to provide you with the knowledge and skills to build and lead a startup or growing organization through lessons and experiential team projects. Skills covered in this course include: self management, negotiations, networking, sales, conflict/collaboration, and teams.

- **ENT-319 Legal and Financial Planning for Growing And Family Business**

Prerequisites:

inactive course July 27 2004 01:03pm Stacey Taylor

Credits:

3.00

Description:

This course provides students with the legal and financial information they need to successfully start, grow, or introduce innovation to a business concern (both for profit and non-profit). Legal topics covered include business formation, hiring and firing, compensation, contracts, intellectual property, patents, types of ownership, trade and service marks. Financial topics include access to capital, cash flow analysis, financial statements and planning, and tax planning.

- **ENT-320 Small Business Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges or working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution.

Term:

Offered Both Fall and Spring

- **ENT-H320 Honors- Small Business Management**

Prerequisites:

Junior Standing; 3.3 GPA

Credits:

3.00

Description:

How do you manage the day-to-day challenges or working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution.

Term:

Offered Both Fall and Spring

- ENT-322 Entrepreneurship & the European Union

Prerequisites:

Over 54 credits earned.

Credits:

3.00

Description:

95% of the world's consumers are outside of the United States, and yet, only one-quarter of small businesses are engaged in global commerce. Yet, small businesses represent more than 95% of all exporters from the U.S. Globalization is critical, but are there some regions in the world that are more attractive than others? The European Union (EU) has a population of more than 500 million people, yet, there is a lesser tolerance for risk, thus failure is viewed more negatively than the U.S. The United States takes greater risks, experiences a higher degree of failure, and yet, the number of new startups remain consistently around 600,000 every year for a country with a population of more than 300 million people. Is the EU a viable option for U.S. startup growth or opportunities? What are the issues of a union that consists of nearly 30 countries with economic constraints and political forces that appear more restrictive than the United States? How can United States startups leverage a stable economic structure in a region that is more than 7% and nearly twice the size of U.S. consumers? In this course, you will learn the opportunities and challenges between two economically strong regions of the world that encompasses nearly one billion potential consumers. Prerequisites: Junior Standing. This course counts as an ENT major elective.

- ENT-H322 Entrepreneurship & the European Union

Prerequisites:

Over 54 credits earned.

Credits:

3.00

Description:

95% of the world's consumers are outside of the United States, and yet, only one-quarter of small businesses are engaged in global commerce. Yet, small businesses represent more than 95% of all exporters from the U.S. Globalization is critical, but are there some regions in the world that are more attractive than others? The European Union (EU) has a population of more than 500 million people, yet, there is a lesser tolerance for risk, thus failure is viewed more negatively than the U.S. The United States takes greater risks, experiences a higher degree of failure, and yet, the number of

new startups remain consistently around 600,000 every year for a country with a population of more than 300 million people. Is the EU a viable option for U.S. startup growth or opportunities? What are the issues of a union that consists of nearly 30 countries with economic constraints and political forces that appear more restrictive than the United States? How can United States startups leverage a stable economic structure in a region that is more than 7% and nearly twice the size of U.S. consumers? In this course, you will learn the opportunities and challenges between two economically strong regions of the world that encompasses nearly one billion potential consumers. Prerequisites: Junior Standing. This course counts as an ENT major elective.

- **ENT-324 Leading the Entrepreneurial Firm**

Prerequisites:

MGT 101 and Junior standing; This course was formerly MGT 324

Credits:

3.00

Description:

Are you interested in leading, growing and troubleshooting the entrepreneurial small business? This course provides a detailed analysis of and hands-on experience with the competencies required to lead and grow startups and small businesses. Competencies include the utilization of teams, understanding of the team, organizational characteristics, and level of entrepreneurial thinking that will be accomplished through assessment and practical analysis. Students will complete the course with an understanding of 1) small business leadership skills, 2) team effectiveness skills, 3) decision-making in times of economic growth and stress.

Term:

Occasional

- **ENT-326 Writing the Business Plan**

Prerequisites:

ENT 300, ACCT 201, ACCT 202 and Junior Standing.

Credits:

3.00

Description:

Use your knowledge from your entrepreneurship courses and experience up to this point to create a viable business plan that will lend credibility to the viability of your potential audience, which may include investors, financial institutions, suppliers, family or friends. In this course, you will write a business plan that shapes your opportunity into a model that resembles a venture. You will then defend the plan addressing the venture's business model, management team, organization, customers, markets, competitors, operations and risk, all leading to financials that will determine the amount of capital you will need, as well as financing alternatives.

Term:

Offered Both Fall and Spring

- **ENT-H326 Writing the Business Plan**

Prerequisites:

Take ENT-300 ACCT-201 ACCT-202;

Credits:

3.00

Description:

Use your knowledge from your entrepreneurship courses and experience up to this point to create a viable business plan that will lend credibility to the viability of your potential audience, which may include investors, financial institutions, suppliers, family or friends. In this course, you will write a business plan that shapes your opportunity into a model that resembles a venture. You will then defend the plan addressing the venture's business model, management team, organization, customers, markets, competitors, operations, and risk, all leading to financials that will determine the amount of capital you will need, as well as financing alternatives.

- **ENT-350 Social Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Offered Fall Term

- **ENT-H350 Social Entrepreneurship**

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Occasional

- **ENT-351 Raising Venture Capital for the Startup**

Prerequisites:

Over 54 credits required.

Credits:

3.00

Description:

According to Forbes, Successful entrepreneurs have a clear vision of what they want their company to be. However, as each investor is added, the vision is less clear and the stakes for the entrepreneur rise. The name of the game is to raise capital, build value, and exit. However, most venture-backed startups fail to provide a reasonable return, while nearly one-third lose the entire investment. What are the benefits and challenges behind venture-backed startups, other than the excitement and stories? How does venture capital take a startup to a higher level than the typical bootstrapped firm? In this course, you will learn the critical elements behind raising venture capital for the startup including: valuation, forecasts, entrepreneurial team, types of funding (seed, bridge, mezzanine, Series A, B, etc.), all leading to developing a venture capital strategy and desired term sheet for an opportunity you develop.

• ENT-352 Green and Sustainable Business

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Over the past decade, the world of business and the environment has exploded. Beginning as an engineering-driven movement among a handful of companies during the 1980's, many firms have learned that improved environment performance can save money and create a competitive advantage. In this course, we will cover how businesses of all sizes are more attentive to environmental issues and the realization that a green business: improves employee morale and health in the workplace, holds a marketing edge over the competition, strengthens the bottom line through operating efficiencies, is recognized as an environmental leader, can have a strong impact in the community and beyond, and can improve public relations.

Term:

Offered Spring Term

• ENT-354 Global Entrepreneurship

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

• ENT-356 Bootstrapping the Startup Or Small Business

Prerequisites:

ACCT 201 and Junior Standing.

Credits:

3.00

Description:

Did you ever wonder how you are going to start a business or run an existing small business without enough capital? This is a very common phenomenon where startups and small businesses are typically undercapitalized and need to maximize internally-generated cash flow to not only start of run the business, but to also grow. Centered around an experiential process, this course will identify how to internally generate cash flow with the realization that more than 90% of all ventures operate in a bootstrapping environment. This course will identify a strong understanding of cash inflows, outflows, and maximizing both components to generate additional capital necessary for the business's requirements.

Term:

Occasional

• ENT-358 Launching New Products

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will focus on the steps that innovators/entrepreneurs need to follow that will take ideas and launch them into new products. This is accomplished by taking the concept directly to the prospective customers. This course will cover: creating specifications, product sell sheets, prototype development, drafting an executive summary, intellectual property protection, manufacturing and quality control considerations, identifying vendors, customers, and funding sources, and developing a marketing and sales plan for launching the product. During the semester, students will be required to interact with their potential customers, vendors and other key players for the launch.

Term:

Offered Both Fall and Spring

- **ENT-360 Launching the E-Business**

Prerequisites:

Take MKT-210 or MKT-H210 and junior standing required.

Credits:

3.00

Description:

This experiential course is an entrepreneurial approach towards developing a real e-commerce business. Students will build off their marketing skills and entrepreneurial ambitions by a) advancing e-commerce ideas to opportunities, b) understanding the product, logistical, marketing, and managerial challenges associated with e-commerce startups, and c) developing financial models to predict and measure performance. This will be accomplished by students developing a launch plan for the opportunity, as well as executing portions of the launch plan.

Term:

Occasional

- **ENT-362 Legal and Ethical Issues in Entrepreneurship**

Prerequisites:

Take BLE-214 or BLE-H214; junior standing required

Credits:

3.00

Description:

How do you protect yourself, your venture, and your intellectual property when starting a new business? In this course, you will learn the substantive areas of the law that are essential to entrepreneurs and an integration of that knowledge with ethics. Specifically, you will gain a stronger understanding of a) how to select a law firm that best fits the startup and b) how to protect your intellectual property through the use of trademarks, copyrights, patents, trade secrets, non-disclosure and confidentiality agreements. You will also learn how startups can protect their interests through the use of organizational structures and related equity restrictions and employment agreements. From the ethics standpoint, this course will focus on corporate governance and the importance of a management leading an ethical culture. We will examine substantive areas of the law that create legal risk and point to ethical issues within an organization. An important element for the entrepreneur is communication skills; therefore this course will have a major writing assignment along with a speaking requirement.

Term:

Occasional

- **ENT-366 Starting and Managing a Restaurant**

Credits:

3.00

Description:

Do you want to start or manage a restaurant? The restaurant industry is highly competitive with high turnover. The challenges are tough enough when you understand the business, however, too many entrepreneurs who start or many restaurants lack the necessary experience. This course will help you understand the crucial elements of launching or managing a restaurant, including: business organization, funding, location, market analysis, lease v. buy, facility layout, professional resources, licensing, human resources, technology, purchasing, advertising, insurance, record-keeping, and expansion.

- **ENT-419 E-Project Opportunity**

Prerequisites:

ENT-101, MKT-210, ENT-326, ENT-315, FIN-200, MGT-217, ISOM-319, and at least 84 credits

Credits:

3.00

Description:

Before you launch your venture, our capstone course gives you an opportunity to assess and consult with other startups through the eyes of their founders. This course is held in an experiential setting to help entrepreneurial majors develop and practice their business skills working with real startups and small business under pro bono consulting arrangements. This course is a transition from student to professional under the supervision of a faculty member who serves as a coach and advisor. Students will learn to interview client organizations, assess the current business, negotiate a statement of work, and develop a project management plan that leads to the consultant-client negotiated deliverable(s). Depending on the client organization, this course will most likely include visiting the client location.

Term:

Offered Both Fall and Spring

- **ENT-H419 E-Project Opportunity**

Prerequisites:

ENT-101, MKT-210, ENT-326, ENT-315, FIN-200, MGT-217, ISOM-319, and at least a 3.3 GPA

Credits:

3.00

Description:

This capstone course is held in an experiential setting to help entrepreneurial majors develop and practice their business skills working with real startups or small business under pro bono consulting arrangements. This course is a transition from student to professional under the supervision of a faculty member, coach and advisor. Students will learn to assess client situations, develop alternatives and identify and defend solutions, at times within the client organization. Prerequisites: SOM 101 or MGT 101, MKT 210 or MKT 310, FIN 310, MGT 317, ISOM 319, ENT 315, ENT 326 and Senior standing. 1 term - 3 credits.

- **ENT-436 Managing the Family Business**

Prerequisites:

MGT-217(MGT 317), Junior standing,

Credits:

3.00

Description:

Are you interested in managing the family business and the challenges of succession between generations? If so, this course focuses on the challenges of adapting corporate-type managerial skills to family-owned and operated enterprises that typically reject such practices. The goals of this course include development of a working knowledge of managing the family business, reinterpretation of corporate management concepts for the family business, and personal reflection on the roles and conditions of operating a family business.

Term:

Offered Spring Term

- ENT-510 Entrepreneurship Ind. Study

Prerequisites:

ENT 326 and Senior Standing. Note: This course may be used as an ENT major elective.

Credits:

3.00

Description:

Are you looking for an ENT major elective to help you continue with research associated with your opportunity of venture? This independent study is available to students who are looking to expand on their classroom experience by doing additional research related to their prospective opportunity or venture. Students must draft the statement of work related to the independent study, with a primary focus on solving a problem or problems through extensive research, as well as have an ENT faculty member supervise the student during the study. The statement of work must provide evidence sufficient to support the number of credits being requested. Once the statement of work is completed, the student must attach the statement of work to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

- ENT-520 Launching the New Venture

Prerequisites:

ENT 326 and Senior Standing This course may be used as an ENT major elective or taken instead of ENT 419.

Credits:

3.00

Description:

Are you looking for guidance to launch your venture? If so, this course will allow you to earn credits through an independent study working with faculty and alumni through our Center for Entrepreneurial Studies. Students must draft a launch plan based on their business plan prepared in ENT 326, modified based on feedback received from faculty and judges during the ENT 326 presentations. Students must demonstrate enough evidence to support that the venture will be launched, as well as completing all tasks identified in the launch plan by the end of the semester to receive credit for the course. An ENT faculty member must supervise the student during the launch. The launch plan must provide evidence sufficient to support the number of credits being requested. Once the launch plan is completed, the student must attach the plan to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

• ENT-521 Experiential Innovation

Prerequisites:

ENT 280, ENT 300, ENT 315, and ENT 326

Credits:

3.00

Description:

This experiential class is recommended for students who plan to innovate in an existing firm or to join their family business. Recommended for first or second semester senior year.

• ENT-553 Global Entrepreneurship

Prerequisites:

Junior Standing Required

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

- **ENT-555 Launching New Products**

Credits:

3.00

Description:

This course will focus on the steps that innovators/entrepreneurs need to follow that will take ideas and launch them into new products. This is accomplished by taking the concept directly to the prospective customers. This course will cover: creating specifications, product sell sheets, prototype development, drafting an executive summary, intellectual property protection, manufacturing and quality control considerations, identifying vendors, customers, and funding sources, and developing a marketing and sales plan for launching the product. During the semester, students will be required to interact with their potential customers, vendors and other key players for the launch.

2014-2015 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in global financial service industries, with particular focus on corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, and other areas. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continuous development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)

Finance majors study financial management and emerging trends in the finance field. Students are exposed to the theory and practice in corporate finance, financial institutions, investments, international finance, speculative markets, insurance, real estate and other related areas. The finance major introduces students to the important concepts necessary to gain the managerial skills and analytical tools necessary for managing portfolios, analyzing security investments, providing funds for a business, and controlling and planning the flow of funds within an enterprise.

The BSBA in Finance requires completion of a minimum of 21 credit hours in finance. A cumulative grade point average of at least 2.0 in the finance major and a cumulative grade point average of 2.0 overall must be maintained to graduate. Students may choose to specialize in one of four concentration areas; Investments, Corporate Finance, Financial Institutions, or Financial Planning.

Choosing a concentration is optional.

Finance Major Required Courses, 4 Courses, 12 Credits

- FIN-311 Intermediate Finance

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

Intermediate Finance expands on basic financial concepts and introduces more advanced topics. Material emphasizes solutions to problems of capital structure, investment and financing. Other major topics include distribution policy, working capital management, derivative corporate securities, and corporate restructuring.

Term:

Offered Both Fall and Spring

- **FIN-315 Principles of Investments**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed, including stocks, bonds, futures, and options.

Term:

Offered Both Fall and Spring

- **FIN-417 Multinational Financial Management**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **FIN-419 Problems of Managerial Finance**

Prerequisites:

FIN 311; Two FIN major required or elective courses; Senior standing

Credits:

3.00

Description:

This course is an in-depth study of current finance theory and methodology applicable to the firm through case analyses, computer work and recent publications. It is a capstone course where students learn how to integrate financial theories and principles to reach optimal financial decisions in practice.

Term:

Offered Both Fall and Spring

Elective Courses, 3 Courses, 9 Credits

Select three from the following:

- **FIN-313 General Insurance**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course includes the theory, practice and problems of risk bearing in business and personal pursuits including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FIN-317 Real Estate**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101; EC 102; Junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

- **FIN-401 Practical Financial Planning**

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

- **FIN-409 Securities Analysis**

Prerequisites:

FIN 315

Credits:

3.00

Description:

This course is focused on the security analysis of stocks with the goal of managing the Suffolk University student-run portfolio. The material is pertinent to the security analyst - particularly the equity analyst who must issue a buy, hold or sell recommendations on stocks. By the end of the course, the student should feel competent in writing a thorough, credible equity research report or investment analysis that meets the highest standards of professionalism.

• FIN-410 Analysis of Financial Statements

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

• FIN-411 Futures & Options

Prerequisites:

FIN 315; Junior standing;

Credits:

3.00

Description:

This course is an in-depth analysis of derivatives: futures, options, and swaps. The course explains why these securities exist, where and how they are traded, how to employ them in managing risk, and how to accurately price them. It also covers the use of these derivatives in the context hedging or speculation.

Term:

Offered Spring Term

- **FIN-413 Investment Analysis and Portfolio Management**

Prerequisites:

FIN 315, Junior standing

Credits:

3.00

Description:

This course is an advanced course in investment analysis stressing efficient frontier and diversification. Also studies portfolio construction and management, and the tradeoff of risk versus return.

Term:

Offered Fall Term

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case

studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

- **FIN-432 Financial Institutions**

Prerequisites:

FIN 200(formerly FIN 310); FIN 319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-H435 Honors The Global Financial Crisis: Causes, Economics, and Solutions**

Prerequisites:

FIN 200(formerly FIN 310); Junior standing; 3.3 GPA

Credits:

3.00

Description:

This course analyzes the origins and consequences of the current financial situation from a variety of different economic and political perspectives. It offers students the opportunity to explore the chain of events that preceded the global financial crisis, monitor markets on a real-time basis (using Bloomberg) and provides a forum to discuss solutions and independently generate ideas. Among the main topics covered are asset pricing, derivative securities, financial engineering, risk management and the role of financial institutions, central banks and government agencies in global markets.

Term:

Offered Spring Term

- **FIN-H445 Honors Quantitative Analysis and Trading Of Financial Instruments**

Prerequisites:

FIN 200(formerly FIN 310); Junior standing; 3.3 GPA

Credits:

3.00

Description:

The course covers fundamental valuation techniques for a host of financial instruments. Topics include: cash flow discount techniques, pricing, price volatility, duration and duration management with futures. The course also covers fundamentals of spread theory and spread volatility as well as the use of DTS for beta management in fixed income portfolios. The course concludes with an overview of risk fundamentals, tracking error management for indexing purposes, theory of hedging and risk models. Examples drawn from ongoing economic and financial issues are used to illustrate topics and concepts throughout the course.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 200(formerly FIN 310);

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

- **FIN-510 Independent Study in Finance**

Prerequisites:

instructor's (full time), chair's, dean's approval

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **FIN-550 Spec Topics Finance**

Prerequisites:

FIN-315; see department for course topic

Credits:

3.00

Description:

This course is an in-depth analysis of timely special issues in finance. Specific topics are announced when the course is scheduled. Additional prerequisites are based upon the individual topic.

Finance majors must complete 150 hours of preprofessional finance experience prior to graduating. Experience may be acquired through an internship, part- or full-time employment, or cooperative education. Students must register for FIN 560, Finance Practicum, during or immediately before the semester in which they complete the required 150 hours. The experiential component carries no academic credit, nor requires any tuition, and will be graded pass/fail. Approval of this experience must be obtained from the Finance Department.

- **FIN-560 Finance Practicum**

Prerequisites:

Must obtain approval from FIN dept

Credits:

0.00

Description:

Required of all Finance majors. Majors will have an approved 150 hours of finance experience. Experience may be acquired through internship, part- or full-time employment or cooperative education. Zero Credit

Term:

Offered Both Fall and Spring

Finance Concentrations

Finance majors may choose to specialize in one of four areas. All majors complete the 4 required core courses (FIN 311, FIN 315, FIN 417 and FIN 419) as well as the required Finance Practicum, FIN 560. In addition to these requirements, finance majors who choose to specialize follow the instructions for their area of interest.

1. Investments

Required courses:

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315; Junior standing;

Credits:

3.00

Description:

This course is an in-depth analysis of derivatives: futures, options, and swaps. The course explains why these securities exist, where and how they are traded, how to employ them in managing risk, and how to accurately price them. It also covers the use of these derivatives in the context hedging or speculation.

Term:

Offered Spring Term

- **FIN-413 Investment Analysis and Portfolio Management**

Prerequisites:

FIN 315, Junior standing

Credits:

3.00

Description:

This course is an advanced course in investment analysis stressing efficient frontier and diversification. Also studies portfolio construction and management, and the tradeoff of risk versus return.

Term:

Offered Fall Term

Choose ONE

- **FIN-317 Real Estate**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 200(formerly FIN 310);

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

2. Corporate Finance

Required courses:

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

Choose ONE

- **FIN-317 Real Estate**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315; Junior standing;

Credits:

3.00

Description:

This course is an in-depth analysis of derivatives: futures, options, and swaps. The course explains why these securities exist, where and how they are traded, how to employ them in managing risk, and how to accurately price them. It also covers the use of these derivatives in the context hedging or speculation.

Term:

Offered Spring Term

3. Financial Institutions

Required courses:

- **FIN-432 Financial Institutions**

Prerequisites:

FIN 200(formerly FIN 310); FIN 319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101; EC 102; Junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

Choose ONE:

- **FIN-313 General Insurance**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course includes the theory, practice and problems of risk bearing in business and personal pursuits including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 200(formerly FIN 310);

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

4. Financial Planning

Financial Planning (FP) offers a valuable opportunity for students to pursue a career in financial planning. Financial planners analyze and provide advice on all areas of a person's financial life: investment management, retirement planning, estate planning, income tax management and insurance. In most cases, planners' analyses and recommendations are provided to clients in a written financial plan. The planner may then coordinate the implementation of the plan and periodically review it to account for changes in the client's life and current economic conditions.

Finance majors who choose to specialize in Financial Planning complete all of the following requirements:

- **ACCT-320 Federal Taxation I**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Focuses on the federal income taxation of individuals with some discussion of business taxation. Explores the basic structure of individual income taxation, including the individual tax formula, income, deductions, and credits, and provides an introduction to property transactions. Emphasizes how tax laws affect everyday personal and business decisions.

Term:

Offered Both Fall and Spring

- **FIN-200 Business Finance**

Prerequisites:

MATH 128 or higher; ACCT 201; STATS 240 or STATS 250 (can take concurrently with FIN 200); Sophomore standing

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation. Formally FIN 310.

Term:

Offered Both Fall and Spring

• FIN-313 General Insurance

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course includes the theory, practice and problems of risk bearing in business and personal pursuits including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

• FIN-315 Principles of Investments

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed, including stocks, bonds, futures, and options.

Term:

Offered Both Fall and Spring

• FIN-401 Practical Financial Planning

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

• FIN-422 Estate Planning

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

The program was approved by the Certified Financial Planner (CFP) Board. Upon completion of the program, students are entitled to take the CFP exam administered by the CFP Board, which is an integral part of the prestigious CFP certification process.

For more information about the CFP exam please refer to www.cfp.net.

2014-2015 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in global financial service industries, with particular focus on corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, and other areas. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continuous development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)

Finance Minor for Business Students, 3 courses, 9 credits

Select three from the following courses, beyond completion of FIN 200:

- **FIN-311 Intermediate Finance**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

Intermediate Finance expands on basic financial concepts and introduces more advanced topics. Material emphasizes solutions to problems of capital structure, investment and financing. Other major topics include distribution policy, working capital management, derivative corporate securities, and corporate restructuring.

Term:

Offered Both Fall and Spring

- **FIN-313 General Insurance**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course includes the theory, practice and problems of risk bearing in business and personal pursuits including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FIN-315 Principles of Investments**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed, including stocks, bonds, futures, and options.

Term:

Offered Both Fall and Spring

• FIN-317 Real Estate

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

• FIN-319 Money & Capital Markets

Prerequisites:

EC 101; EC 102; Junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

- **FIN-401 Practical Financial Planning**

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315; Junior standing;

Credits:

3.00

Description:

This course is an in-depth analysis of derivatives: futures, options, and swaps. The course explains why these securities exist, where and how they are traded, how to employ them in managing risk, and how to accurately price them. It also covers the use of these derivatives in the context hedging or speculation.

Term:

Offered Spring Term

- **FIN-413 Investment Analysis and Portfolio Management**

Prerequisites:

FIN 315, Junior standing

Credits:

3.00

Description:

This course is an advanced course in investment analysis stressing efficient frontier and diversification. Also studies portfolio construction and management, and the tradeoff of risk versus return.

Term:

Offered Fall Term

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-417 Multinational Financial Management**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **FIN-419 Problems of Managerial Finance**

Prerequisites:

FIN 311; Two FIN major required or elective courses; Senior standing

Credits:

3.00

Description:

This course is an in-depth study of current finance theory and methodology applicable to the firm through case analyses, computer work and recent publications. It is a capstone course where students learn how to integrate financial theories and principles to reach optimal financial decisions in practice.

Term:

Offered Both Fall and Spring

- **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

- **FIN-432 Financial Institutions**

Prerequisites:

FIN 200(formerly FIN 310); FIN 319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-H435 Honors The Global Financial Crisis: Causes, Economics, and Solutions**

Prerequisites:

FIN 200(formerly FIN 310); Junior standing; 3.3 GPA

Credits:

3.00

Description:

This course analyzes the origins and consequences of the current financial situation from a variety of different economic and political perspectives. It offers students the opportunity to explore the chain of events that preceded the global financial crisis, monitor markets on a real-time basis (using Bloomberg) and provides a forum to discuss solutions and independently generate ideas. Among the main topics covered are asset pricing, derivative securities, financial engineering, risk management and the role of financial institutions, central banks and government agencies in global markets.

Term:

Offered Spring Term

- **FIN-H445 Honors Quantitative Analysis and Trading Of Financial Instruments**

Prerequisites:

FIN 200(formerly FIN 310); Junior standing; 3.3 GPA

Credits:

3.00

Description:

The course covers fundamental valuation techniques for a host of financial instruments. Topics include: cash flow discount techniques, pricing, price volatility, duration and duration management with futures. The course also covers fundamentals of spread theory and spread volatility as well as the use of DTS for beta management in fixed income portfolios. The course concludes with an overview of risk fundamentals, tracking error management for indexing purposes, theory of hedging and risk models. Examples drawn from ongoing economic and financial issues are used to illustrate topics and concepts throughout the course.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 200(formerly FIN 310);

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

Finance Minor for College of Arts & Sciences Students, 5 courses, 15 credits

After ENT 101 Business Foundations, CAS students are required to take FIN 200 Business Finance and three of the following courses:

- **FIN-311 Intermediate Finance**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

Intermediate Finance expands on basic financial concepts and introduces more advanced topics. Material emphasizes solutions to problems of capital structure, investment and financing. Other major topics include distribution policy, working capital management, derivative corporate securities, and corporate restructuring.

Term:

Offered Both Fall and Spring

- **FIN-313 General Insurance**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course includes the theory, practice and problems of risk bearing in business and personal pursuits including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FIN-315 Principles of Investments**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed, including stocks, bonds, futures, and options.

Term:

Offered Both Fall and Spring

- **FIN-317 Real Estate**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101; EC 102; Junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

- **FIN-401 Practical Financial Planning**

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

• FIN-410 Analysis of Financial Statements

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

• FIN-411 Futures & Options

Prerequisites:

FIN 315; Junior standing;

Credits:

3.00

Description:

This course is an in-depth analysis of derivatives: futures, options, and swaps. The course explains why these securities exist, where and how they are traded, how to employ them in managing risk, and how to accurately price them. It also covers the use of these derivatives in the context hedging or speculation.

Term:

Offered Spring Term

- **FIN-413 Investment Analysis and Portfolio Management**

Prerequisites:

FIN 315, Junior standing

Credits:

3.00

Description:

This course is an advanced course in investment analysis stressing efficient frontier and diversification. Also studies portfolio construction and management, and the tradeoff of risk versus return.

Term:

Offered Fall Term

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case

studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-417 Multinational Financial Management**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

- **FIN-432 Financial Institutions**

Prerequisites:

FIN 200(formerly FIN 310); FIN 319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-H435 Honors The Global Financial Crisis: Causes, Economics, and Solutions**

Prerequisites:

FIN 200(formerly FIN 310); Junior standing; 3.3 GPA

Credits:

3.00

Description:

This course analyzes the origins and consequences of the current financial situation from a variety of different economic and political perspectives. It offers students the opportunity to explore the chain of events that preceded the global financial crisis, monitor markets on a real-time basis (using Bloomberg) and provides a forum to discuss solutions and independently generate ideas. Among the main topics covered are asset pricing, derivative securities, financial engineering, risk management and the role of financial institutions, central banks and government agencies in global markets.

Term:

Offered Spring Term

- **FIN-H445 Honors Quantitative Analysis and Trading Of Financial Instruments**

Prerequisites:

FIN 200(formerly FIN 310); Junior standing; 3.3 GPA

Credits:

3.00

Description:

The course covers fundamental valuation techniques for a host of financial instruments. Topics include: cash flow discount techniques, pricing, price volatility, duration and duration management with futures. The course also covers fundamentals of spread theory and spread volatility as well as the use of DTS for beta management in fixed income portfolios. The course concludes with an overview of risk fundamentals, tracking error management for indexing purposes, theory of hedging and risk models. Examples drawn from ongoing economic and financial issues are used to illustrate topics and concepts throughout the course.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 200(formerly FIN 310);

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

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Finance

The Finance Department prepares students for professional careers in global financial service industries, with particular focus on corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, and other areas. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continuous development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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4+1 Programs

If you're majoring in accounting or finance at a U.S. institution, you may qualify to earn your MSA, MST, MSF, MSFSB, MSA/MST, or MSA/MSF in as few as 10-12 months of full-time study or 16 months part-time study.

If you're earning a degree in business administration or economics, from a U.S. institution, you may qualify to earn your MSF or MSFSB in as few as 10-12 months of full-time study or 16 months part-time study.

How to Apply

- You must officially apply to the MSA, MST, MSF, MSFSB, joint MSA/MST, or joint MSA/MSF program during the final semester of your senior year of undergraduate study. (Applications from recent graduates will also be considered.)
- If you have at least a 3.5 cumulative GPA in your final semester of your senior year, you can waive the GMAT or GRE requirement.

- Top students will be automatically considered for merit-based fellowship awards (no separate application required).

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Finance

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- [Major Requirements](#)
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- [4+1 Programs](#)
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This non-degree program is offered as a flexible and affordable program for working professionals whose responsibilities are currently or expected to be related to financial planning. This certificate program requires the completion of the following eight courses (provided that the students demonstrate proficiency in prerequisites) with a “pass” grade:

- **FPP-200 Business Finance**

Prerequisites:

MATH 128 or higher; ACCT 201; STATS 240 or 250 (can take concurrently with FPP 200)

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

• FPP-313 General Insurance

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course includes the theory, practice and problems of risk-bearing in business and personal pursuit including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

• FPP-315 Principles of Investment

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed including stocks, bonds, futures and options.

Term:

Offered Both Fall and Spring

• FPP-320 Taxation

Prerequisites:

ACCT 202; take either FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

A study of basic federal taxation as it applies to individuals, partnerships and corporations. Expertise in the preparation of tax returns is developed.
Prerequisite: ACCT 202 MATH 134 OR MATH 161 OR MATH 165.

Term:

Offered Both Fall and Spring

- **FPP-401 Practical Financial Planning**

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

- **FPP-422 Estate Planning**

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives, and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift, and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FPP-423 Retirement Planning**

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non- qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

It should be noted that FPP 200 is an introduction to finance. Its prerequisites are:

- **ACCT-201 Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher.

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. Prerequisite: Math 130 or higher. 1 term - 4 credits (4 hours per week). Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Reasoning

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-134 Calculus for Management & Social Sciences

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

*ACCT-201 and STATS-250 can be taken concurrently with FPP-200.

**Take STATS-240 or STATS-250

***Students can take MATH-128 or above.

These eight FPP courses cover the foundation topics required by the Certified Financial Planner (CFP) Board. Students may apply for admission in fall, spring, or summer sessions. Upon completion of this certificate program, the students are eligible to take the CFP exam administered by the CFP Board, which is an integral part of the prestigious CFP certification process. For more information about the CFP exam, please refer to www.cfp.net.

Admission to the Certificate Program requires a Bachelor's degree from an accredited institution. Students applying for admission should contact the

Undergraduate Admissions Office (617-573-8460) for more information. Those who have already taken the above courses from an accredited institution may waive a maximum of three courses.

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View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Financial Planning](#).

2014-2015 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in global financial service industries, with particular focus on corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, and other areas. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continuous development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

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- **FIN-200 Business Finance**

Prerequisites:

MATH 128 or higher; ACCT 201; STATS 240 or STATS 250 (can take concurrently with FIN 200); Sophomore standing

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation. Formally FIN 310.

Term:

Offered Both Fall and Spring

- **FIN-H200 Honors Business Finance**

Prerequisites:

MATH 128 or higher; ACCT 201; STATS 240 or STATS 250(can take concurrently with FIN H200); Sophomore standing; 3.3 GPA

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation. Formally FIN 310.

Term:

Offered Both Fall and Spring

- **FIN-210 Personal Finance**

Credits:

3.00

Description:

The course can be viewed as a survival guide or a road map to the universe of financial instruments available as well as the basic tools needed to make informed decisions. The course is intended to address the concerns of individuals in determining their financial needs and managing their financial resources. Finance 210 is a free elective only and may not be counted towards the finance major or minor.

Term:

Offered Both Fall and Spring

- **FIN-310 Business Finance**

Prerequisites:

EC-101 and ACCT-201 and MATH-130 or higher and at least 24 credits

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

- **FIN-H310 Honors Business Finance**

Prerequisites:

EC-101 and ACCT-201 and MATH-130 or higher and at least 54 credits, and at least a 3.3 GPA

Credits:

3.00

Description:

This course is a study of the functions of business finance and focus on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

- **FIN-311 Intermediate Finance**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

Intermediate Finance expands on basic financial concepts and introduces more advanced topics. Material emphasizes solutions to problems of capital structure, investment and financing. Other major topics include distribution policy, working capital management, derivative corporate securities, and corporate restructuring.

Term:

Offered Both Fall and Spring

• FIN-313 General Insurance

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course includes the theory, practice and problems of risk bearing in business and personal pursuits including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

• FIN-315 Principles of Investments

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed, including stocks, bonds, futures, and options.

Term:

Offered Both Fall and Spring

- **FIN-317 Real Estate**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101; EC 102; Junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

• FIN-401 Practical Financial Planning

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

• FIN-409 Securities Analysis

Prerequisites:

FIN 315

Credits:

3.00

Description:

This course is focused on the security analysis of stocks with the goal of managing the Suffolk University student-run portfolio. The material is pertinent to the security analyst - particularly the equity analyst who must issue a buy, hold or sell recommendations on stocks. By the end of the course, the student should feel competent in writing a thorough, credible equity research report or investment analysis that meets the highest standards of professionalism.

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 200 (formerly FIN 310), Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315; Junior standing;

Credits:

3.00

Description:

This course is an in-depth analysis of derivatives: futures, options, and swaps. The course explains why these securities exist, where and how they are traded, how to employ them in managing risk, and how to accurately price them. It also covers the use of these derivatives in the context hedging or speculation.

Term:

Offered Spring Term

- **FIN-413 Investment Analysis and Portfolio Management**

Prerequisites:

FIN 315, Junior standing

Credits:

3.00

Description:

This course is an advanced course in investment analysis stressing efficient frontier and diversification. Also studies portfolio construction and management, and the tradeoff of risk versus return.

Term:

Offered Fall Term

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-417 Multinational Financial Management**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **FIN-419 Problems of Managerial Finance**

Prerequisites:

FIN 311; Two FIN major required or elective courses; Senior standing

Credits:

3.00

Description:

This course is an in-depth study of current finance theory and methodology applicable to the firm through case analyses, computer work and recent publications. It is a capstone course where students learn how to integrate financial theories and principles to reach optimal financial decisions in practice.

Term:

Offered Both Fall and Spring

- **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

• FIN-423 Retirement Planning

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

• FIN-432 Financial Institutions

Prerequisites:

FIN 200(formerly FIN 310); FIN 319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-H435 Honors The Global Financial Crisis: Causes, Economics, and Solutions**

Prerequisites:

FIN 200(formerly FIN 310); Junior standing; 3.3 GPA

Credits:

3.00

Description:

This course analyzes the origins and consequences of the current financial situation from a variety of different economic and political perspectives. It offers students the opportunity to explore the chain of events that preceded the global financial crisis, monitor markets on a real-time basis (using Bloomberg) and provides a forum to discuss solutions and independently generate ideas. Among the main topics covered are asset pricing, derivative securities, financial engineering, risk management and the role of financial institutions, central banks and government agencies in global markets.

Term:

Offered Spring Term

- **FIN-H445 Honors Quantitative Analysis and Trading Of Financial Instruments**

Prerequisites:

FIN 200(formerly FIN 310); Junior standing; 3.3 GPA

Credits:

3.00

Description:

The course covers fundamental valuation techniques for a host of financial instruments. Topics include: cash flow discount techniques, pricing, price volatility, duration and duration management with futures. The course also covers fundamentals of spread theory and spread volatility as well as the use of DTS for beta management in fixed income portfolios. The course concludes with an overview of risk fundamentals, tracking error management for indexing purposes, theory of hedging and risk models. Examples drawn from ongoing economic and financial issues are used to illustrate topics and concepts throughout the course.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 200(formerly FIN 310);

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

- **FIN-510 Independent Study in Finance**

Prerequisites:

instructor's (full time), chair's, dean's approval

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

• FIN-550 Spec Topics Finance

Prerequisites:

FIN-315; see department for course topic

Credits:

3.00

Description:

This course is an in-depth analysis of timely special issues in finance. Specific topics are announced when the course is scheduled. Additional prerequisites are based upon the individual topic.

• FIN-560 Finance Practicum

Prerequisites:

Must obtain approval from FIN dept

Credits:

0.00

Description:

Required of all Finance majors. Majors will have an approved 150 hours of finance experience. Experience may be acquired through internship, part- or full-time employment or cooperative education. Zero Credit

Term:

Offered Both Fall and Spring

• FPP-200 Business Finance

Prerequisites:

MATH 128 or higher; ACCT 201; STATS 240 or 250 (can take concurrently with FPP 200)

Description:

This course is a study of the functions of business finance and focuses on basis financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

• FPP-310 Business Finance

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310)

Description:

This course is a study of the functions of business finance and focuses on basis financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

- **FPP-313 General Insurance**

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course includes the theory, practice and problems of risk-bearing in business and personal pursuit including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FPP-315 Principles of Investment**

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed including stocks, bonds,futures and options.

Term:

Offered Both Fall and Spring

- **FPP-320 Taxation**

Prerequisites:

ACCT 202; take either FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

A study of basic federal taxation as it applies to individuals, partnerships and corporations. Expertise in the preparation of tax returns is developed.
Prerequisite: ACCT 202 MATH 134 OR MATH 161 OR MATH 165.

Term:

Offered Both Fall and Spring

- **FPP-401 Practical Financial Planning**

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

- **FPP-422 Estate Planning**

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives, and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift, and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FPP-423 Retirement Planning**

Prerequisites:

FIN 200(formerly FIN 310) or FPP 200(formerly FPP 310);

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

- **IBFN-417 Multinational Financial Management**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws. Prerequisite: FIN 310.

- **SBS-HC320 Utilizing Real Time Data, News, Analytics and Research**

Prerequisites:

FIN 200 (formerly FIN 310); 3.3 GPA

Credits:

2.00

Description:

Students will gain hands-on and real-world experience using information and technology utilized by leading decision makers in business. Expose students to real-time platforms for financial and global business news, data, analytical tools and research. Students can deepen both their research and classwork, while learning how to analyze markets, assess economic scenarios and interpret the key news developments that impact the global economy. Bring the pace and excitement of real-time business and macro/micro econometrics into the classroom. Real-time trading applications will be introduced and utilized extensively throughout the course. Students will have multiple opportunities to participate in local and national virtual trading and analysis competitions. Integrate theoretical curriculum from prior courses and teach practical applications that can also be helpful in later courses. Examples drawn from ongoing economic and financial issues will be used to illustrate topics and concepts throughout the course. Guest speakers will be scheduled to speak about certain topics and their experiences.

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Global Business

You can combine a major in Global Business with one functional area of business, such as accounting, finance, marketing, management, or information systems. Thus, the program gives you a double major.

The Global Business major is offered through the Strategy and International Business Department. The Global Business major is an intensive program for highly focused and motivated students looking for a career in international business through an entry-level position in a functional area of business.

Included in the requirements are courses in international business and a second major in a functional area of business. The Global Business program immerses the student in theory and practice of international business by integrating academic knowledge, language, and overseas travel seminars/semester study abroad.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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The BSBA in Global Business requires the completion of 18 credits of global business courses, plus 18–24 credits of the functional major. Global Business majors are assigned a faculty advisor to assist them in planning their program of study and advise them on academic and career matters. Students in this major must have the approval of their faculty advisor to register. All changes to the Global Business Program of Study must be approved by the director of the Global Business Program. Please note that Global Business freshman and sophomore courses as part of the General Education requirements in this program differ from the other Business majors.

Global Business Required Courses, 3 Courses, 9 Credits

Students are required to complete:

- SIB-101 Globalization

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

- **SIB-321 Introduction to International Business**

Prerequisites:

SIB 101 or HST 149 or HST 150 and sophomore standing or higher

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement, economic, social, cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

- **SIB-419 Global Business Theory & Practice**

Prerequisites:

MKT 210; ISOM 319; MGT 217 (formerly MGT 317); FIN 200 (formerly FIN 310); SIB 321

Credits:

3.00

Description:

This course will integrate global business theories and concepts with practice. Topics include: Transnational strategy, foreign direct investment, regional development clusters, role and operation of the WTO, outsourcing and supply chain management, and international ethics. Students integrate discipline-specific knowledge, practice investigation and decision-making around global business issues, improve business communication skills, and practice teamwork for global business decision-making.

Term:

Offered Both Fall and Spring

Global Business Elective Courses, 3 Courses

Select three courses from the following:

- **SIB-510 Direct Study in Strategy and International Business**

Prerequisites:

instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **SIB-520 Strategy and International Business Internship**

Prerequisites:

SIB-321, Global Business Director approval required before registration

Credits:

3.00

Description:

A project-based course that entails a work experience component for juniors and seniors, and allows the student to apply international business theory in a practical context, thereby bridging the gap between education and practice. The internship must take place outside the student's primary country of residence. Thus students who are not permanent residents of the U.S. can pursue their internships in the U.S.. The internship must involve at least 100 hours of work. Students are responsible for identifying and securing acceptance to an internship, which must be a minimum of 100 hours. Prior to registering for SIB 520, a student must submit to the Global Business Director a Sponsor Agreement form signed by a representative of the internship organization prior to starting the internship. A maximum of one SIB 520 internship course may also be used as a Global Business major elective. The work time required for a Global Business internship cannot also be used to fulfill the requirement for an internship course in another department. Students who register for SIB 520 should simultaneously register for SIB 560. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must find a faculty supervisor will evaluate and guide their academic work during the internship, as well as other internship-related assignments, and assign a grade upon completion of all internship requirements. Students must successfully complete both the internship and all of the academic requirements of SIB 520 in order to earn a passing grade.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Diverse Perspectives

- **ACCT-310 International Business Accounting**

Prerequisites:

FIN-200 (formerly FIN 310); ACCT-331

Credits:

3.00

Description:

Explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students gain an understanding of international financial reporting standards and the forces for convergence between IFRS and US GAAP. Presents financial analysis in a multi-financial context.

Term:

Offered Fall Term

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Surveys the global legal environment of business. Emphasizes case analysis of topics such as: sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. Explores the managerial and economic significance of these topics.

Term:

Offered Both Fall and Spring

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-445 The Economics of the European Union**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

An economic analysis of the European Union, the history of European monetary and economic integration. and the creation of the Euro. A survey of the development and evolution of key European policies, such competition, industry, agriculture, environment, regional, etc. A discussion of economic implications of the enlargement of the European Union, as well as its trade relations with the U.S. and other countries within the context of the World Trade Organization.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

- **FIN-417 Multinational Financial Management**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MKT-421 Global Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

SIB 101 or HST 149 or HST 150 or Instructor permission

Credits:

3.00

Description:

Global health, global poverty, and global warming are three interrelated issues that are creating a perfect storm of crises worldwide with major impacts on the United States. This course is an overview of the problems - the needs, systems, programs, and financing. We will look critically at policies in these areas and discuss what needs to be done to address them. Students will write a major paper on an issue of their choice.

Functional Major Courses, 6–8 Courses, 18–24 Credits

Students are required to specialize in one business discipline (Accounting, Finance, Information Systems, Management, or Marketing). Students will take the major required and major elective courses as specified by the academic department concerned, which may include experiential components.

Up to one of the Global Business elective courses listed above may be double counted toward the Global Business major and the functional major, as long as it was also available as a course for the functional major.

Language Courses, 2 Courses, 8 Credits

Students must demonstrate competence beyond the second semester level of college instruction in French, Spanish, Portuguese, German, Mandarin Chinese, Russian, Japanese, or Arabic. Other languages will be considered on a case-by-case basis by the director of the Global Business Program. Students can also demonstrate competence by taking a placement test or through an interview with a language instructor if a placement test is not available. For this purpose, students should contact the Director of the Global Business Program. In this case, students can take Free Electives instead of the language courses. A suggested list of Free Electives relevant for the Global Business Program is given below.

Travel Requirement SIB 560 (formerly IB 560), Non-Credit

(No credits can be specifically assigned. It is a pre-professional experience.)

All Global Business majors are required to participate in overseas travel as part of their major. This requirement may be satisfied by completing a minimum of one travel seminar, a semester study abroad, or, with prior permission from the Director of the Global Business Program, a Global Business Internship abroad. Students must register for the zero-credit course SIB 560 - Global Travel Requirement, in the semester in which they plan to complete their travel.

- A minimum 2.5 GPA is required for travel seminars and study abroad experience.
- A maximum of one travel seminar may be used as a Global Business major elective while also fulfilling the SIB 560 requirement. Additional travel seminars will not count towards GB major electives but may be used as free elective credit.
- Study abroad involves enrollment in semester-long or summer session courses at either Suffolk's Madrid campus or at one of the programs open to Suffolk students at other institutions. All study abroad must be preapproved by the Undergraduate Academic Advising Center to ensure optimum credit distribution. Students may participate in more than one study abroad opportunity. Students interested in study abroad should plan to do so during their sophomore year or the fall of their junior year.
- With prior permission from the director of the Global Business Program, students may also fulfill the travel requirement through a Global Business Internship. Two options are available: the three-credit course SIB 520 - Global Business Internship, and an internship without academic credit. The internship must take place outside students' primary country of residence, including the U.S. for non-U.S. students. Students are responsible for

identifying and securing acceptance to the internship. A maximum of one SIB 520 internship course may also be used as a Global Business major elective.

Recommended Free Electives

- **GVT-367 Politics of Spain**

Credits:

4.00

Description:

This course is designed to provide students with a basic grounding in political institutions and processes in contemporary Spain. Political developments are presented in their socio-economic context, with special emphasis on the Spanish transition from a dictatorship to a democracy. Attention is also given to the issue of the Basque and Catalan nationalism, as well as the process of European integration. Prerequisite: GVT 281 or instructor's consent. 1 term - 4 credits. Normally offered alternate years at the Madrid Campus.

Type:

Social Science

- **GVT-384 The U.S. and the International Relations of the Middle East**

Credits:

4.00

Description:

This course will explore the role played by the United States in the Middle East in the twentieth century, with emphasis on the period since World War II. Our study will begin with a decision-making approach to understanding the domestic and institutional context of America's policy toward the region, followed by an examination of that policy as it confronted radical nationalist, socialist, and Islamic movements, Soviet influence, and specific contemporary problems - the Arab-Israeli conflict, the Lebanese civil war, the Iranian revolution, the Iran-Iraq War, and the Gulf War. Open to non-majors, not open to freshmen. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-385 Central and South Asian Politics Republics**

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

This course will examine political and economic institutions of newly independent entities from Kazakhstan to the Baltics. It will include historical roots of the Soviet Union from the Russian Revolution through the Gorbachev years. Attention will be paid to Marxist theory and non-Marxist challenges for the economy of the area as well as the state. While some attention will be paid to foreign relations of the former Soviet Union and the current regimes with Western Europe and the U.S. and elsewhere, the major emphasis will be on domestic policy on citizens of the former Soviet Union. Normally offered alternate years.

Type:

Social Science

- **GVT-387 Conflict & Reconciliation: Community Service Abroad**

Prerequisites:

GVT 281 or instructor's consent. Junior status or above

Credits:

4.00

Description:

current political trends in the Caribbean and in selected Central American nations. Emphasis will be placed on comparative analysis of public policies in the region, as well as on external factors which impact on politics in the Caribbean and Central America. Students will use academic sources in their analysis, as well as novels and other literary sources for the background of their analysis. Not open to freshmen. Normally offered every third year.

Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Expanded Classroom Requirement

- **GVT-389 Politics of China**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, Asian Studies

- **GVT-410 Politics of Korea**

Credits:

4.00

Description:

Study of the government and politics of North and South Korea, including the political systems of the two countries and relationship between them, including issues of reunification, nuclear weapons, and democratization. Offered alternate years.

Type:

Social Science, Asian Studies

- **HST-342 Modern Japanese History**

Credits:

4.00

Description:

The class examines Japanese history from the beginning of the seventeenth century to the end of the twentieth century. The topics include early modern Japan during the Tokugawa era, Meiji Restoration, Japanese imperialism and World War II, Japan's emergence as the second largest economy in the world. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

• HST-346 Modern Chinese History

Credits:

4.00

Description:

A survey of modern Chinese history from the sixteenth century to the present. The class focuses on two major themes. First, we will study the conflict between the modern state and traditional society. We will discuss China's turbulent transition from an old empire to the Communist regime, the dynamics behind this transition, and the price that ordinary Chinese people have paid. Second, we will study China's interactions with the outside world from the first Opium War to China's entrance to the World Trade Organization. (Formerly HST 132) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

• HST-412 Europe in the 20th Century

Credits:

4.00

Description:

The political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

2014-2015 Archived Catalog Information

Global Business

You can combine a major in Global Business with one functional area of business, such as accounting, finance, marketing, management, or information systems. Thus, the program gives you a double major.

The Global Business major is offered through the Strategy and International Business Department. The Global Business major is an intensive program for highly focused and motivated students looking for a career in international business through an entry-level position in a functional area of business.

Included in the requirements are courses in international business and a second major in a functional area of business. The Global Business program immerses the student in theory and practice of international business by integrating academic knowledge, language, and overseas travel seminars/semester study abroad.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)

International Business Minor for Business Students

Students will complete three courses (9 credits) to qualify for this minor.

Required course:

- **SIB-321 Introduction to International Business**

Prerequisites:

SIB 101 or HST 149 or HST 150 and sophomore standing or higher

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement, economic, social, cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

And any two of the following:

- **SIB-510 Direct Study in Strategy and International Business**

Prerequisites:

instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **SIB-520 Strategy and International Business Internship**

Prerequisites:

SIB-321, Global Business Director approval required before registration

Credits:

3.00

Description:

A project-based course that entails a work experience component for juniors and seniors, and allows the student to apply international business theory in a practical context, thereby bridging the gap between education and practice. The internship must take place outside the student's primary country of residence. Thus students who are not permanent residents of the U.S. can pursue their internships in the U.S.. The internship must involve at least 100 hours of work. Students are responsible for identifying and securing acceptance to an internship, which must be a minimum of 100 hours. Prior to registering for SIB 520, a student must submit to the Global Business Director a Sponsor Agreement form signed by a representative of the internship organization prior to starting the internship. A maximum of one SIB 520 internship course may also be used as a Global Business major elective. The work time required for a Global Business internship cannot also be used to fulfill the requirement for an internship course in another department. Students who register for SIB 520 should simultaneously register for SIB 560. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must find a faculty supervisor will evaluate and guide their academic work during the internship, as well as other internship-related assignments, and assign a grade upon completion of all internship requirements. Students must successfully complete both the internship and all of the academic requirements of SIB 520 in order to earn a passing grade.

Term:

Offered Both Fall and Spring

• SIB-550 Special Topics in Strategy and International Business

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Diverse Perspectives

- **ACCT-310 International Business Accounting**

Prerequisites:

FIN-200 (formerly FIN 310); ACCT-331

Credits:

3.00

Description:

Explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students gain an understanding of international financial reporting standards and the forces for convergence between IFRS and US GAAP. Presents financial analysis in a multi-financial context.

Term:

Offered Fall Term

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Surveys the global legal environment of business. Emphasizes case analysis of topics such as: sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. Explores the managerial and economic significance of these topics.

Term:

Offered Both Fall and Spring

- **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

- **FIN-417 Multinational Financial Management**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **MKT-421 Global Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

Each course may count towards only one requirement. Students may not double count a course from the International Business Minor towards ANY other requirement.

International Business Minor for College of Arts & Sciences Students

IB will be introduced as part of the Functional Business Minor available for CAS students and require 5 courses (15 credits).

Required courses:

- **SBS-101 Business Foundations**

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

Offered Both Fall and Spring

- **SIB-101 Globalization**

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

- **SIB-321 Introduction to International Business**

Prerequisites:

SIB 101 or HST 149 or HST 150 and sophomore standing or higher

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement, economic, social, cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

And any two of the following:

- **SIB-510 Direct Study in Strategy and International Business**

Prerequisites:

instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

• SIB-520 Strategy and International Business Internship

Prerequisites:

SIB-321, Global Business Director approval required before registration

Credits:

3.00

Description:

A project-based course that entails a work experience component for juniors and seniors, and allows the student to apply international business theory in a practical context, thereby bridging the gap between education and practice. The internship must take place outside the student's primary country of residence. Thus students who are not permanent residents of the U.S. can pursue their internships in the U.S.. The internship must involve at least 100 hours of work. Students are responsible for identifying and securing acceptance to an internship, which must be a minimum of 100 hours. Prior to registering for SIB 520, a student must submit to the Global Business Director a Sponsor Agreement form signed by a representative of the internship organization prior to starting the internship. A maximum of one SIB 520 internship course may also be used as a Global Business major elective. The work time required for a Global Business internship cannot also be used to fulfill the requirement for an internship course in another department.

Students who register for SIB 520 should simultaneously register for SIB 560. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must find a faculty supervisor will evaluate and guide their academic work during the internship, as well as other internship-related assignments, and a assign a grade upon completion of all internship requirements. Students must successfully complete both the internship and all of the academic requirements of SIB 520 in order to earn a passing grade.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Diverse Perspectives

- **ACCT-310 International Business Accounting**

Prerequisites:

FIN-200 (formerly FIN 310); ACCT-331

Credits:

3.00

Description:

Explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students gain an understanding of international financial reporting standards and the forces for convergence between IFRS and US GAAP. Presents financial analysis in a multi-financial context.

Term:

Offered Fall Term

- BLE-317 Managing in the Global Legal Environment

Prerequisites:

BLE 214

Credits:

3.00

Description:

Surveys the global legal environment of business. Emphasizes case analysis of topics such as: sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. Explores the managerial and economic significance of these topics.

Term:

Offered Both Fall and Spring

- ENT-354 Global Entrepreneurship

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

- **FIN-417 Multinational Financial Management**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **MKT-421 Global Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

Each course may count towards only one requirement. Students may not double count a course from the International Business Minor towards ANY other requirement.

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Global Business

You can combine a major in Global Business with one functional area of business, such as accounting, finance, marketing, management, or information systems. Thus, the program gives you a double major.

The Global Business major is offered through the Strategy and International Business Department. The Global Business major is an intensive program for highly focused and motivated students looking for a career in international business through an entry-level position in a functional area of business.

Included in the requirements are courses in international business and a second major in a functional area of business. The Global Business program immerses the student in theory and practice of international business by integrating academic knowledge, language, and overseas travel seminars/semester study abroad.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)

- **SIB-101 Globalization**

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

- **SIB-H101 Honors Globalization**

Prerequisites:

GPA 3.2 or higher.

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

- **SIB-321 Introduction to International Business**

Prerequisites:

SIB 101 or HST 149 or HST 150 and sophomore standing or higher

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement, economic, social, cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

- **SIB-419 Global Business Theory & Practice**

Prerequisites:

MKT 210; ISOM 319; MGT 217 (formerly MGT 317); FIN 200 (formerly FIN 310); SIB 321

Credits:

3.00

Description:

This course will integrate global business theories and concepts with practice. Topics include: Transnational strategy, foreign direct investment, regional development clusters, role and operation of the WTO, outsourcing and supply chain management, and international ethics. Students integrate discipline-specific knowledge, practice investigation and decision-making around global business issues, improve business communication skills, and practice teamwork for global business decision-making.

Term:

Offered Both Fall and Spring

- **SIB-429 Strategic Management**

Prerequisites:

MKT 210; ISOM 319; MGT 217 (formerly MGT 317); FIN 200 (formerly FIN 310); Senior standing

Credits:

3.00

Description:

This course covers and integrates administrative processes and decision making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focuses on strategic and policy issues from the viewpoint of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions.

Term:

Offered Both Fall and Spring

- **SIB-H429 Honors Strategic Management**

Prerequisites:

MKT 210; ISOM 319; MGT 217 (formerly MGT 317); FIN 200 (formerly FIN 310); Senior standing; 3.3 GPA

Credits:

3.00

Description:

Covers and integrates administrative processes and decision-making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focuses on strategic and policy issues from the viewpoint of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions.

Term:

Offered Both Fall and Spring

- **SIB-437 Strategic Context of International Business**

Prerequisites:

Senior standing and instructor's consent required

Credits:

3.00

Description:

Business firms around the world regularly engage in strategic interactions with stakeholders and particularly with governments. These interactions allow firms not only to manage risks from adverse policies and stakeholder positions, but also to shape governmental behavior and relations with other stakeholders to enhance the creation and capture of value. At the same time, the complexity of the nonmarket environment and controversies regarding the ethics of firm behavior in this space has limited attention to this crucial element of strategy. This course will provide a framework for the analysis of the nonmarket environment across countries and the development of integrated strategies combining market and nonmarket action, from the perspective of multinational firms.

- **SIB-510 Direct Study in Strategy and International Business**

Prerequisites:

instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **SIB-520 Strategy and International Business Internship**

Prerequisites:

SIB-321, Global Business Director approval required before registration

Credits:

3.00

Description:

A project-based course that entails a work experience component for juniors and seniors, and allows the student to apply international business theory in a practical context, thereby bridging the gap between education and practice. The internship must take place outside the student's primary country of residence. Thus students who are not permanent residents of the U.S. can pursue their internships in the U.S.. The internship must involve at least

100 hours of work. Students are responsible for identifying and securing acceptance to an internship, which must be a minimum of 100 hours. Prior to registering for SIB 520, a student must submit to the Global Business Director a Sponsor Agreement form signed by a representative of the internship organization prior to starting the internship. A maximum of one SIB 520 internship course may also be used as a Global Business major elective. The work time required for a Global Business internship cannot also be used to fulfill the requirement for an internship course in another department. Students who register for SIB 520 should simultaneously register for SIB 560. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must find a faculty supervisor will evaluate and guide their academic work during the internship, as well as other internship-related assignments, and assign a grade upon completion of all internship requirements. Students must successfully complete both the internship and all of the academic requirements of SIB 520 in order to earn a passing grade.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Diverse Perspectives

- **SIB-H558 Honors Business of Biotechnology**

Credits:

3.00

Description:

This course examines the scope and breadth of the biotechnology industry, including current science issues and how successful biotech firms bring their discoveries and ideas to market. The course focuses on management practices within biotechnology firms, key corporations, industry dynamics, and emerging startups, the application and commercialization of scientific discoveries, and various skills and mindsets needed by business graduates who work side-by-side with scientists. Local businesses and guest speakers will be featured.

Term:

Offered Fall Term

- **SIB-560 Strategy and International Business Travel Requirement**

Credits:

0.00

Description:

All majors are required to participate in overseas travel as part of their major. This requirement may be satisfied by completing a minimum of one travel seminar, a semester abroad, or an internship outside a student's country of residence. Travel seminars used to fulfill this requirement may also be used to fulfill major electives or language as appropriate. Students may participate in more than one travel seminar and/or study abroad opportunity. All study abroad must be preapproved by the Undergraduate Academic Advising Center. If a student plans to substitute a course taken at another university for a Suffolk requirement, this course must be approved by the Program Director or Department Chair for the department that offers the Suffolk required course prior to the study abroad. If a student wishes to fulfill SIB 560 by an internship, a student must submit to the Global Business Director a Sponsor Agreement form signed by a representative of the internship organization prior to starting the internship. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must successfully complete the internship and the Global Business Director must receive the Internship Evaluation Form from the sponsoring organization in order for the student to earn a passing grade.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with information systems and operations management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management Department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Information Systems Minor Requirements](#)
- [Big Data and Business Analytics Minor Requirements](#)
- [Electronic Commerce Minor Requirements](#)
- [Concentrations](#)
- [Undergraduate Courses](#)

The Information Systems (IS) major consists of a minimum of 21 credit hours, including four (4) required and three (3) elective ISOM courses.

Major Required Courses, 4 Courses, 12 Credits

- ISOM-313 Systems Analysis & Design

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

- **ISOM-314 Object Oriented Programming**

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

- **ISOM-423 Database Management**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course provides an understanding of the role of information and databases in systems and their role as an organizational resource. Students learn to design databases using normalization and entity-relationship diagrams, develop data models and to build applications with database management systems (i.e., Microsoft Access and SQL). Techniques are examined and applied to business problems through exercises and projects. The course's cornerstone is a group project involving the implementation of a DBMS-based system which supports a realistic business application and the development of a companion user's manual.

Term:

Offered Both Fall and Spring

• ISOM-424 IS Strategy, Management and Acquisition

Prerequisites:

ISOM-313, ISOM-314, and ISOM-423 and at least 84 credits

Credits:

3.00

Description:

This course is the capstone for IS majors and is designed to assist students in further developing their project management and hands-on programming skills. It emphasizes the management principles that apply to technology development along with practical skills required to develop systems to solve real world problems using the latest available technologies. Students have the opportunity to learn system design and project management concepts, and then apply these principles to projects in the business community. For this reason, the course challenges students to bring together all the computer, information systems and management skills they have acquired to produce a final, capstone project, which is presented to their clients and peers. The goal of the course is to give students experience in working with real users and state-of-the-art software tools such as Cold Fusion to prepare them for the jobs that await them in industry.

Term:

Offered Spring Term

- **ISOM-130 Data Science and Analytics**

Prerequisites:

ENT-101(formerly SBS-101)

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

- **ISOM-212 Web Design**

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-230 Big Data, Business Intelligence and Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

The understanding and use of big data, business intelligence and analytics is essential for businesses today to improve decision making, cut costs and identify new business opportunities. This course provides an understanding of the business potential of big data; how to build and maintain data warehouses, and how to analyze and use this data as a source for business intelligence and competitive advantage. Students will build data warehouses and learn the inter-relationships between operation and decision support systems and the extraction and filtering process used to produce high quality data warehouses. Students will study data mining concepts and the use of analytics tools and methods for producing business intelligence. Topics include: big data, data warehouses, data extraction and filtering, operation and decision support systems, analytics, business intelligence, text and web mining models (clustering, classification, regression, and decision trees) and data presentation/visualization including reports, charts, dashboards, cockpits and scorecards. Students will use tools such as MS Excel, MicroStrategy (Salesforce), SQL and SAP Business Explorer.

- **ISOM-244 Web Application Development**

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-315 Mobile App Development**

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

- **ISOM-330 Applied Predictive Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

When companies make decisions, they do so with the future in mind and essentially are predicting that their decisions will achieve desired results. Predictive analytics allow people to ask and answer questions that can predict demand and/or outcomes and obtain results that lead to reasoned action. This course develops students' capability in applying the core concepts and techniques of predictive analytics for opportunity identification and risk assessment within the context of organizational decision-making. Students will use data-driven approaches to develop predictive analytical models. Students will create and use data models and techniques, apply trendlines to fit models to data, perform what-if analysis, construct data tables, evaluate scenarios, apply forecasting techniques, simulation and risk analysis. Students will learn to use various presentation and visualization tools to communicate results. Topics include: predictive analytics life cycle, opportunity/issue identification, data preparation, modeling, analysis, forecasting, simulation, risk assessment, and operationalization of predictive analytics. Students will use tools such as MS Excel, SPSS and SAS Visual Analytics.

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **ISOM-340 Security & Privacy**

Prerequisites:

ISOM-210(formerly ISOM-310) and at least 54 credits

Credits:

3.00

Description:

Students are introduced to the basics of information security & privacy including the legal and ethical issues. Common types of computer attacks and counter-attacks are addressed. Security technologies such as biometrics, firewalls, intrusion detection systems and cryptography systems will be analyzed and several labs done on the same to connect theory to practice. Best practices for planning and auditing security and privacy will also be covered. Pre-requisites: ISOM 310 or ISOM 423.

Term:

Offered Fall Term

- **ISOM-341 Project Management**

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

- **ISOM-414 Object-Oriented Programming Development with Java**

Prerequisites:

ISOM-314 and at least 54 credits or Instructor Permission

Credits:

3.00

Description:

This course introduces object-oriented programming (OOP) and development using the Java programming language. It covers the basics of OOP including class hierarchies, inheritance, objects, streams, constructors, and GUI components. The course also covers the design, development, and deployment of applets, web applications, and applications that are not deployed via the Internet. Several programming projects, which strengthen the understanding of object based and event driven programming, are required. By the end of the course, students will possess a strong working competency in object oriented programming using Java.

Term:

Offered Spring Term

- **ISOM-440 ERP System & Process Reengineering**

Prerequisites:

ISOM-210(formerly ISOM-310) and at least 54 credits

Credits:

3.00

Description:

This course provides students with a conceptual, as well as, a mechanical understanding of enterprise integration and enterprise software, business process reengineering and strategies for maximizing benefits from enterprise systems. It also examines some of the complex organizational changes and issues including implementation challenge; risks, costs, and benefits; learning and knowledge management. Hands-on lab projects on the ERP System (provided by SAP) will be utilized to reinforce the student's understanding of important enterprise systems and business process concepts.

Term:

Offered Spring Term

• ISOM-510 Independent Study in IS & OM

Prerequisites:

ISOM-210(formerly ISOM-310) or ISOM-201 and Instructor Permission

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- ISOM-550 Special Topics of IS & OM

Prerequisites:

Prerequisites dependent on topic.

Credits:

3.00

Description:

An in-depth analysis of timely and special issues in information systems or operations management. Specific topics are announced when the course is scheduled. Prerequisites are dependent on specific topic.

Term:

Occasional

Additional Major Information

Some major courses are offered only once during an academic year. It is the students' responsibility to work with their academic advisor to develop a program of study that ensures courses are taken in the proper sequence and all prerequisites are satisfied. The IS major consists of 4 required and 3 elective courses. Six of the seven major courses must be ISOM department courses. Students may transfer a maximum of two courses towards their IS major of which no more than one is a major required course. Prior approval is required for using a non-ISOM course as a major elective.

Information Systems/Information Technology Practicum

Practical information systems experience prepares students for real-world challenges in the workplace. All IS majors must complete 150 hours of approved professional information systems experience before graduation. The 150 hours of work experience may be obtained in one or more positions as an intern, part- or full-time employee or volunteer. Prior approval of your position by the IS Practical Experience Coordinator is required. This is accomplished by completing the IS Practicum Approval Form.

Most students satisfy this graduation requirement by completing ISOM 560: IS Practicum, a noncredit, tuition-free, pass/fail course. Students should enroll in ISOM 560 the semester when they expect to complete their 150 hours or the subsequent semester. Students may also satisfy this practicum requirement by enrolling in ISOM 520: IS Internship (1 to 3 credits based on the number of hours worked). ISOM 520 requires junior standing and is a graded course that can only be used as a free elective (cannot be used as a major elective).

2014-2015 Archived Catalog Information

Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with information systems and operations management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management Department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Information Systems Minor Requirements](#)
- [Big Data and Business Analytics Minor Requirements](#)
- [Electronic Commerce Minor Requirements](#)
- [Concentrations](#)
- [Undergraduate Courses](#)

Information Systems Minor, 3 courses, 9 credits

A business student may choose to minor in Information Systems by completing any three of the following courses.

- ISOM-130 Data Science and Analytics

Prerequisites:

ENT-101(formerly SBS-101)

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

- **ISOM-212 Web Design**

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-230 Big Data, Business Intelligence and Analytics**

Prerequisites:

Credits:

3.00

Description:

The understanding and use of big data, business intelligence and analytics is essential for businesses today to improve decision making, cut costs and identify new business opportunities. This course provides an understanding of the business potential of big data; how to build and maintain data warehouses, and how to analyze and use this data as a source for business intelligence and competitive advantage. Students will build data warehouses and learn the inter-relationships between operation and decision support systems and the extraction and filtering process used to produce high quality data warehouses. Students will study data mining concepts and the use of analytics tools and methods for producing business intelligence. Topics include: big data, data warehouses, data extraction and filtering, operation and decision support systems, analytics, business intelligence, text and web mining models (clustering, classification, regression, and decision trees) and data presentation/visualization including reports, charts, dashboards, cockpits and scorecards. Students will use tools such as MS Excel, MicroStrategy (Salesforce), SQL and SAP Business Explorer.

- **ISOM-244 Web Application Development**

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-313 Systems Analysis & Design**

Prerequisites:

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

- ISOM-314 Object Oriented Programming

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

- ISOM-315 Mobile App Development

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

• ISOM-330 Applied Predictive Analytics

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

When companies make decisions, they do so with the future in mind and essentially are predicting that their decisions will achieve desired results. Predictive analytics allow people to ask and answer questions that can predict demand and/or outcomes and obtain results that lead to reasoned action. This course develops students' capability in applying the core concepts and techniques of predictive analytics for opportunity identification and risk assessment within the context of organizational decision-making. Students will use data-driven approaches to develop predictive analytical models. Students will create and use data models and techniques, apply trendlines to fit models to data, perform what-if analysis, construct data tables, evaluate scenarios, apply forecasting techniques, simulation and risk analysis. Students will learn to use various presentation and visualization tools to communicate results. Topics include: predictive analytics life cycle, opportunity/issue identification, data preparation, modeling, analysis, forecasting, simulation, risk assessment, and operationalization of predictive analytics. Students will use tools such as MS Excel, SPSS and SAS Visual Analytics.

• ISOM-331 Global Electronic Commerce

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **ISOM-340 Security & Privacy**

Prerequisites:

ISOM-210(formerly ISOM-310) and at least 54 credits

Credits:

3.00

Description:

Students are introduced to the basics of information security & privacy including the legal and ethical issues. Common types of computer attacks and counter-attacks are addressed. Security technologies such as biometrics, firewalls, intrusion detection systems and cryptography systems will be analyzed and several labs done on the same to connect theory to practice. Best practices for planning and auditing security and privacy will also be covered. Pre-requisites: ISOM 310 or ISOM 423.

Term:

Offered Fall Term

- **ISOM-341 Project Management**

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

• ISOM-414 Object-Oriented Programming Development with Java

Prerequisites:

ISOM-314 and at least 54 credits or Instructor Permission

Credits:

3.00

Description:

This course introduces object-oriented programming (OOP) and development using the Java programming language. It covers the basics of OOP including class hierarchies, inheritance, objects, streams, constructors, and GUI components. The course also covers the design, development, and deployment of applets, web applications, and applications that are not deployed via the Internet. Several programming projects, which strengthen the understanding of object based and event driven programming, are required. By the end of the course, students will possess a strong working competency in object oriented programming using Java.

Term:

Offered Spring Term

• ISOM-423 Database Management

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course provides an understanding of the role of information and databases in systems and their role as an organizational resource. Students learn to design databases using normalization and entity-relationship diagrams, develop data models and to build applications with database management systems (i.e., Microsoft Access and SQL). Techniques are examined and applied to business problems through exercises and projects. The course's cornerstone is a group project involving the implementation of a DBMS-based system which supports a realistic business application and the development of a companion user's manual.

Term:

Offered Both Fall and Spring

• ISOM-424 IS Strategy, Management and Acquisition

Prerequisites:

ISOM-313, ISOM-314, and ISOM-423 and at least 84 credits

Credits:

3.00

Description:

This course is the capstone for IS majors and is designed to assist students in further developing their project management and hands-on programming skills. It emphasizes the management principles that apply to technology development along with practical skills required to develop systems to solve real world problems using the latest available technologies. Students have the opportunity to learn system design and project management concepts, and then apply these principles to projects in the business community. For this reason, the course challenges students to bring together all the computer, information systems and management skills they have acquired to produce a final, capstone project, which is presented to their clients and peers. The goal of the course is to give students experience in working with real users and state-of-the-art software tools such as Cold Fusion to prepare them for the jobs that await them in industry.

Term:

Offered Spring Term

• ISOM-440 ERP System & Process Reengineering

Prerequisites:

ISOM-210(formerly ISOM-310) and at least 54 credits

Credits:

3.00

Description:

This course provides students with a conceptual, as well as, a mechanical understanding of enterprise integration and enterprise software, business process reengineering and strategies for maximizing benefits from enterprise systems. It also examines some of the complex organizational changes and issues including implementation challenge; risks, costs, and benefits; learning and knowledge management. Hands-on lab projects on the ERP System (provided by SAP) will be utilized to reinforce the student's understanding of important enterprise systems and business process concepts.

Term:

Offered Spring Term

• ISOM-510 Independent Study in IS & OM

Prerequisites:

ISOM-210(formerly ISOM-310) or ISOM-201 and Instructor Permission

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **ISOM-550 Special Topics of IS & OM**

Prerequisites:

Prerequisites dependent on topic.

Credits:

3.00

Description:

An in-depth analysis of timely and special issues in information systems or operations management. Specific topics are announced when the course is scheduled. Prerequisites are dependent on specific topic.

Term:

Occasional

Information Systems Minor for College of Arts & Sciences Students, 5 courses, 15 credits

After ENT 101 Business Foundations (formerly SBS 101), CAS students are required to take ISOM 310 and 3 of the following:

- **ISOM-130 Data Science and Analytics**

Prerequisites:

ENT-101(formerly SBS-101)

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data

management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

- **ISOM-212 Web Design**

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-230 Big Data, Business Intelligence and Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

The understanding and use of big data, business intelligence and analytics is essential for businesses today to improve decision making, cut costs and identify new business opportunities. This course provides an understanding of the business potential of big data; how to build and maintain data warehouses, and how to analyze and use this data as a source for business intelligence and competitive advantage. Students will build data warehouses and learn the inter-relationships between operation and decision support systems and the extraction and filtering process used to produce high quality data warehouses. Students will study data mining concepts and the use of analytics tools and methods for producing business intelligence. Topics include: big data, data warehouses, data extraction and filtering, operation and decision support systems, analytics, business

intelligence, text and web mining models (clustering, classification, regression, and decision trees) and data presentation/visualization including reports, charts, dashboards, cockpits and scorecards. Students will use tools such as MS Excel, MicroStrategy (Salesforce), SQL and SAP Business Explorer.

- **ISOM-244 Web Application Development**

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-313 Systems Analysis & Design**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

- ISOM-314 Object Oriented Programming

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

- ISOM-315 Mobile App Development

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

- ISOM-330 Applied Predictive Analytics

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

When companies make decisions, they do so with the future in mind and essentially are predicting that their decisions will achieve desired results. Predictive analytics allow people to ask and answer questions that can predict demand and/or outcomes and obtain results that lead to reasoned action. This course develops students' capability in applying the core concepts and techniques of predictive analytics for opportunity identification and risk assessment within the context of organizational decision-making. Students will use data-driven approaches to develop predictive analytical models. Students will create and use data models and techniques, apply trendlines to fit models to data, perform what-if analysis, construct data tables, evaluate scenarios, apply forecasting techniques, simulation and risk analysis. Students will learn to use various presentation and visualization tools to communicate results. Topics include: predictive analytics life cycle, opportunity/issue identification, data preparation, modeling, analysis, forecasting, simulation, risk assessment, and operationalization of predictive analytics. Students will use tools such as MS Excel, SPSS and SAS Visual Analytics.

• ISOM-331 Global Electronic Commerce

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **ISOM-341 Project Management**

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

- **ISOM-414 Object-Oriented Programming Development with Java**

Prerequisites:

ISOM-314 and at least 54 credits or Instructor Permission

Credits:

3.00

Description:

This course introduces object-oriented programming (OOP) and development using the Java programming language. It covers the basics of OOP including class hierarchies, inheritance, objects, streams, constructors, and GUI components. The course also covers the design, development, and deployment of applets, web applications, and applications that are not deployed via the Internet. Several programming projects, which strengthen the understanding of object based and event driven programming, are required. By the end of the course, students will possess a strong working competency in object oriented programming using Java.

Term:

Offered Spring Term

- **ISOM-423 Database Management**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course provides an understanding of the role of information and databases in systems and their role as an organizational resource. Students learn to design databases using normalization and entity-relationship diagrams, develop data models and to build applications with database management systems (i.e., Microsoft Access and SQL). Techniques are examined and applied to business problems through exercises and projects. The course's cornerstone is a group project involving the implementation of a DBMS-based system which supports a realistic business application and the development of a companion user's manual.

Term:

Offered Both Fall and Spring

• ISOM-424 IS Strategy, Management and Acquisition

Prerequisites:

ISOM-313, ISOM-314, and ISOM-423 and at least 84 credits

Credits:

3.00

Description:

This course is the capstone for IS majors and is designed to assist students in further developing their project management and hands-on programming skills. It emphasizes the management principles that apply to technology development along with practical skills required to develop systems to solve real world problems using the latest available technologies. Students have the opportunity to learn system design and project management concepts, and then apply these principles to projects in the business community. For this reason, the course challenges students to bring together all the computer, information systems and management skills they have acquired to produce a final, capstone project, which is presented to their clients and peers. The goal of the course is to give students experience in working with real users and state-of-the-art software tools such as Cold Fusion to prepare them for the jobs that await them in industry.

Term:

Offered Spring Term

- **ISOM-440 ERP System & Process Reengineering**

Prerequisites:

ISOM-210(formerly ISOM-310) and at least 54 credits

Credits:

3.00

Description:

This course provides students with a conceptual, as well as, a mechanical understanding of enterprise integration and enterprise software, business process reengineering and strategies for maximizing benefits from enterprise systems. It also examines some of the complex organizational changes and issues including implementation challenge; risks, costs, and benefits; learning and knowledge management. Hands-on lab projects on the ERP System (provided by SAP) will be utilized to reinforce the student's understanding of important enterprise systems and business process concepts.

Term:

Offered Spring Term

- **ISOM-510 Independent Study in IS & OM**

Prerequisites:

ISOM-210(formerly ISOM-310) or ISOM-201 and Instructor Permission

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before

approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **ISOM-550 Special Topics of IS & OM**

Prerequisites:

Prerequisites dependent on topic.

Credits:

3.00

Description:

An in-depth analysis of timely and special issues in information systems or operations management. Specific topics are announced when the course is scheduled. Prerequisites are dependent on specific topic.

Term:

Occasional

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Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with information systems and operations management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management Department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Information Systems Minor Requirements](#)
- [Big Data and Business Analytics Minor Requirements](#)
- [Electronic Commerce Minor Requirements](#)
- [Concentrations](#)
- [Undergraduate Courses](#)

Big Data and Business Analytics Minor, 3 courses, 9 credits

Students are required to take the following:

- ISOM-130 Data Science and Analytics

Prerequisites:

ENT-101(formerly SBS-101)

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

• ISOM-230 Big Data, Business Intelligence and Analytics

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

The understanding and use of big data, business intelligence and analytics is essential for businesses today to improve decision making, cut costs and identify new business opportunities. This course provides an understanding of the business potential of big data; how to build and maintain data warehouses, and how to analyze and use this data as a source for business intelligence and competitive advantage. Students will build data warehouses and learn the inter-relationships between operation and decision support systems and the extraction and filtering process used to produce high quality data warehouses. Students will study data mining concepts and the use of analytics tools and methods for producing business intelligence. Topics include: big data, data warehouses, data extraction and filtering, operation and decision support systems, analytics, business intelligence, text and web mining models (clustering, classification, regression, and decision trees) and data presentation/visualization including reports, charts, dashboards, cockpits and scorecards. Students will use tools such as MS Excel, MicroStrategy (Salesforce), SQL and SAP Business Explorer.

- **ISOM-330 Applied Predictive Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

When companies make decisions, they do so with the future in mind and essentially are predicting that their decisions will achieve desired results. Predictive analytics allow people to ask and answer questions that can predict demand and/or outcomes and obtain results that lead to reasoned action. This course develops students' capability in applying the core concepts and techniques of predictive analytics for opportunity identification and risk assessment within the context of organizational decision-making. Students will use data-driven approaches to develop predictive analytical models. Students will create and use data models and techniques, apply trendlines to fit models to data, perform what-if analysis, construct data tables, evaluate scenarios, apply forecasting techniques, simulation and risk analysis. Students will learn to use various presentation and visualization tools to communicate results. Topics include: predictive analytics life cycle, opportunity/issue identification, data preparation, modeling, analysis, forecasting, simulation, risk assessment, and operationalization of predictive analytics. Students will use tools such as MS Excel, SPSS and SAS Visual Analytics.

Big Data and Decision Analysis minor for CAS students, 5 courses, 16 credits

- **ENT-101 Business Foundations**

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

- **ISOM-130 Data Science and Analytics**

Prerequisites:

ENT-101(formerly SBS-101)

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

- **ISOM-230 Big Data, Business Intelligence and Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

The understanding and use of big data, business intelligence and analytics is essential for businesses today to improve decision making, cut costs and identify new business opportunities. This course provides an understanding of the business potential of big data; how to build and maintain data warehouses, and how to analyze and use this data as a source for business intelligence and competitive advantage. Students will build data warehouses and learn the inter-relationships between operation and decision support systems and the extraction and filtering process used to produce high quality data warehouses. Students will study data mining concepts and the use of analytics tools and methods for producing business intelligence. Topics include: big data, data warehouses, data extraction and filtering, operation and decision support systems, analytics, business

intelligence, text and web mining models (clustering, classification, regression, and decision trees) and data presentation/visualization including reports, charts, dashboards, cockpits and scorecards. Students will use tools such as MS Excel, MicroStrategy (Salesforce), SQL and SAP Business Explorer.

- **ISOM-330 Applied Predictive Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

When companies make decisions, they do so with the future in mind and essentially are predicting that their decisions will achieve desired results. Predictive analytics allow people to ask and answer questions that can predict demand and/or outcomes and obtain results that lead to reasoned action. This course develops students' capability in applying the core concepts and techniques of predictive analytics for opportunity identification and risk assessment within the context of organizational decision-making. Students will use data-driven approaches to develop predictive analytical models. Students will create and use data models and techniques, apply trendlines to fit models to data, perform what-if analysis, construct data tables, evaluate scenarios, apply forecasting techniques, simulation and risk analysis. Students will learn to use various presentation and visualization tools to communicate results. Topics include: predictive analytics life cycle, opportunity/issue identification, data preparation, modeling, analysis, forecasting, simulation, risk assessment, and operationalization of predictive analytics. Students will use tools such as MS Excel, SPSS and SAS Visual Analytics.

*In addition to the courses listed above, students are required to take an approved statistics course before taking ISOM 230 and ISOM 330.

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Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with information systems and operations management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management Department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Information Systems Minor Requirements](#)
- [Big Data and Business Analytics Minor Requirements](#)
- [Electronic Commerce Minor Requirements](#)
- [Concentrations](#)
- [Undergraduate Courses](#)

Electronic Commerce Minor, 3 courses, 9 credits

The minor in Electronic Commerce is more focused than the general IS minor. Students may minor in both IS and Electronic Commerce, but three distinct courses are required for each minor. These three courses are beyond the completion of ISOM 120, Information Technology & Productivity Tools, and ISOM 310, Management Information Systems. One of the three minor courses must be ISOM 212, Web Design, or ISOM 331, Electronic Commerce.

Select one:

- ISOM-212 Web Design

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- ISOM-331 Global Electronic Commerce

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

Select two:

- ISOM-212 Web Design

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- ISOM-244 Web Application Development

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- ISOM-331 Global Electronic Commerce

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

- **MKT-477 eMarketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

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Information Systems and Operations Management

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Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with information systems and operations management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management Department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Information Systems Minor Requirements](#)
- [Big Data and Business Analytics Minor Requirements](#)
- [Electronic Commerce Minor Requirements](#)
- [Concentrations](#)
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Big Data and Business Analytics Concentration

For students in IS Major only. To receive this concentration, an IS major must take the following three courses as their major electives

- **ISOM-130 Data Science and Analytics**

Prerequisites:

ENT-101(formerly SBS-101)

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

- **ISOM-230 Big Data, Business Intelligence and Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

The understanding and use of big data, business intelligence and analytics is essential for businesses today to improve decision making, cut costs and identify new business opportunities. This course provides an understanding of the business potential of big data; how to build and maintain data warehouses, and how to analyze and use this data as a source for business intelligence and competitive advantage. Students will build data warehouses and learn the inter-relationships between operation and decision support systems and the extraction and filtering process used to produce high quality data warehouses. Students will study data mining concepts and the use of analytics tools and methods for producing business intelligence. Topics include: big data, data warehouses, data extraction and filtering, operation and decision support systems, analytics, business intelligence, text and web mining models (clustering, classification, regression, and decision trees) and data presentation/visualization including reports, charts, dashboards, cockpits and scorecards. Students will use tools such as MS Excel, MicroStrategy (Salesforce), SQL and SAP Business Explorer.

- **ISOM-330 Applied Predictive Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

When companies make decisions, they do so with the future in mind and essentially are predicting that their decisions will achieve desired results. Predictive analytics allow people to ask and answer questions that can predict demand and/or outcomes and obtain results that lead to reasoned action. This course develops students' capability in applying the core concepts and techniques of predictive analytics for opportunity identification and risk assessment within the context of organizational decision-making. Students will use data-driven approaches to develop predictive analytical models. Students will create and use data models and techniques, apply trendlines to fit models to data, perform what-if analysis, construct data tables, evaluate scenarios, apply forecasting techniques, simulation and risk analysis. Students will learn to use various presentation and visualization tools to communicate results. Topics include: predictive analytics life cycle, opportunity/issue identification, data preparation, modeling, analysis, forecasting, simulation, risk assessment, and operationalization of predictive analytics. Students will use tools such as MS Excel, SPSS and SAS Visual Analytics.

Web Design Concentration

This concentration is for College of Arts & Sciences students who want an educational foundation and skills to design, develop, and implement Web-based media applications.

College of Arts & Sciences Students (3 courses, 9 credits)

Two introductory classes (6 credits):

- **ISOM-212 Web Design**

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-244 Web Application Development**

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

Select one advanced class (3 credits):

- **ISOM-313 Systems Analysis & Design**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

• ISOM-314 Object Oriented Programming

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

• ISOM-331 Global Electronic Commerce

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

• ISOM-340 Security & Privacy

Prerequisites:

ISOM-210(formerly ISOM-310) and at least 54 credits

Credits:

3.00

Description:

Students are introduced to the basics of information security & privacy including the legal and ethical issues. Common types of computer attacks and counter-attacks are addressed. Security technologies such as biometrics, firewalls, intrusion detection systems and cryptography systems will be analyzed and several labs done on the same to connect theory to practice. Best practices for planning and auditing security and privacy will also be covered. Pre-requisites: ISOM 310 or ISOM 423.

Term:

Offered Fall Term

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Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with information systems and operations management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management Department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Information Systems Minor Requirements](#)
- [Big Data and Business Analytics Minor Requirements](#)
- [Electronic Commerce Minor Requirements](#)
- [Concentrations](#)
- [Undergraduate Courses](#)

- ISOM-120 Information Technology and Productivity

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

• ISOM-H120 Honors Information Technology and Productivity

Prerequisites:

Griffin Fellows Honors Students Only; GPA of 3.2

Credits:

3.00

Description:

OPEN TO GRIFFIN FELLOWS AND HONOR STUDENTS ONLY GPA of 3.2 or above required.

Term:

Offered Fall Term

• ISOM-130 Data Science and Analytics

Prerequisites:

ENT-101(formerly SBS-101)

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

- **ISOM-H130 Honors Data Science and Analytics**

Prerequisites:

ENT-101(formerly SBS-101) and at least 3.3 GPA

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

- **ISOM-201 Data and Decisions Analysis**

Prerequisites:

MATH-128 or higher and STATS-240 or STATS 250.

Credits:

3.00

Description:

This course is designed to introduce undergraduate business students to fundamental quantitative methods of using data to make informed management decisions. Topics covered include: decision modeling, decision analysis, regression, forecasting, optimization, and simulation, as it applies to the study and analysis of business problems for decision support in finance, marketing, service, and manufacturing operations. Practical business cases and examples drawn from finance, marketing, operations management, and other management areas are used to provide students with a perspective on how management science is used in practice. The implementation of management science tools has been facilitated by the intensive use of Excel spreadsheet models.

Term:

Offered Both Fall and Spring

• ISOM-H201 Honors Data & Decisions Analysis

Prerequisites:

MATH-128 or higher and STATS-240 or STATS-250 and at least a 3.3 GPA

Credits:

3.00

Description:

OPEN TO GRIFFIN FELLOWS AND HONOR STUDENTS ONLY GPA of 3.2 or above required.

Term:

Offered Fall Term

• ISOM-210 Management Information Systems

Prerequisites:

WRI-101 and ENT-101 and at least 24 completed credits

Credits:

3.00

Description:

This course examines the rise of information-enabled enterprises and the role of information technologies/information systems (IT/IS) and e-commerce as key enablers of businesses and social changes globally. The effective application of IT/IS to support strategic planning, managerial control, operations and business process integration in the digital economy is covered. The course also examines the IT/IS related issues of ethics, privacy, piracy and security in the information society.

Term:

Offered Both Fall and Spring

• ISOM-H210 Honors Management Info System

Prerequisites:

WRI-101 or WRI-103 and ENT-101 and at least a 3.3 GPA

Credits:

3.00

Description:

This course examines the rise of information-enabled enterprises and the role of information technologies/information systems (IT/IS) and e-commerce as key enablers of businesses and social changes globally. The effective application of IT/IS to support strategic planning, managerial control, operations and business process integration in the digital economy is covered. The course also examines the IT/IS related issues of ethics, privacy, piracy and security in the information society.

Term:

Offered Fall Term

• ISOM-212 Web Design

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture,

customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-215 Mobile App Development**

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

- **ISOM-230 Big Data, Business Intelligence and Analytics**

Prerequisites:

STATS-240 or STATS-250 or Instructor Permission

Credits:

3.00

Description:

The understanding and use of big data, business intelligence and analytics is essential for businesses today to improve decision making, cut costs and identify new business opportunities. This course provides an understanding of the business potential of big data; how to build and maintain data

warehouses, and how to analyze and use this data as a source for business intelligence and competitive advantage. Students will build data warehouses and learn the inter-relationships between operation and decision support systems and the extraction and filtering process used to produce high quality data warehouses. Students will study data mining concepts and the use of analytics tools and methods for producing business intelligence. Topics include: big data, data warehouses, data extraction and filtering, operation and decision support systems, analytics, business intelligence, text and web mining models (clustering, classification, regression, and decision trees) and data presentation/visualization including reports, charts, dashboards, cockpits and scorecards. Students will use tools such as MS Excel, MicroStrategy (Salesforce), SQL and SAP Business Explorer.

- ISOM-231 Automatic for the People: Turn Data Into Insight/W R~python

Prerequisites:

STATS-240 or STATS-250

Credits:

3.00

Description:

This course introduces students to a detailed overview of statistical learning for data mining, inference, and prediction in order to tackle modern-day data analysis problems. This course is appropriate for students who wish to learn and apply statistical learning tools to analyze their data and gain valuable hands-on experience with R. Statistical learning refers to a vast set of tools for modeling and understanding complex datasets. The course covers the following exciting topics: Regression, Logistic Regression, Linear Discriminant Analysis, Cross-Validation, Bootstrap, Linear/Non-Linear Model Selection and Regularization, Support Vector Methodology, and Unsupervised Learning via Principal Components Analysis and Clustering Methods. Students learn how to implement each of the statistical learning methods using the popular statistical software package R via hands-on lab sessions.

- ISOM-244 Web Application Development

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development

tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-301 Business Analysis for Management**

Prerequisites:

Take MGT-317 and junior status

Credits:

3.00

Description:

This course provides students with exposure to the business analysis models and techniques generally applicable to common business problems. Using the case study method, the course will emphasize analytical models including forecasting, optimization and simulation within the context of team-based work. Students will understand the process of Business Analysis (BA), the role of assumptions and elicitation, the critical value of hard analytical skills as the foundation of BA as well as the importance of interpretation, communication and implementation to the effective use of BA.

- **ISOM-310 Management Information Systems**

Prerequisites:

WRI 102 or SBS 220; and at least 45 completed credits

Credits:

3.00

Description:

This course examines the rise of information-enabled enterprises and the role of information technologies/information systems (IT/IS) and e-commerce as key enablers of businesses and social changes globally. The effective application of IT/IS to support strategic planning, managerial control, operations and business process integration in the digital economy is covered. The course also examines the IT/IS related issues of ethics, privacy, piracy and security in the information society.

Term:

Offered Both Fall and Spring

- **ISOM-H310 Honors Management Info System**

Prerequisites:

WRI 102; Junior standing; 3.3 GPA

Credits:

3.00

Description:

OPEN TO GRIFFIN FELLOWS AND HONOR STUDENTS ONLY GPA of 3.2 or above required.

Term:

Offered Fall Term

- **ISOM-313 Systems Analysis & Design**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

- ISOM-314 Object Oriented Programming

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

- ISOM-315 Mobile App Development

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

- ISOM-319 Operations Management

Prerequisites:

ENT-101(formerly SBS 101) and ISOM-201 and at least 54 credits

Credits:

3.00

Description:

In this course, students are introduced to the operating component of a service/manufacturing organization where inputs such as raw material, labor, or other resources are transformed into finished services and/or goods. The following OM areas: strategic and tactical issues, product planning and process design, technology management, quality management, capacity, location, and layout planning, inventory management, forecasting and work force management issues are addressed through class discussions, readings and cases. Quantitative models, analytical tools and case studies are used to analyze problems that the business manager would face in both a local and global setting.

Term:

Offered Both Fall and Spring

- **ISOM-H319 Honors Operations Management**

Prerequisites:

ENT-101(formerly SBS-101), ISOM-201, at least a 3.3 GPA, and at least 54 credits

Credits:

3.00

Description:

OPEN TO GRIFFIN FELLOWS AND HONOR STUDENTS ONLY GPA of 3.2 or above required.

Term:

Offered Spring Term

- **ISOM-330 Applied Predictive Analytics**

Prerequisites:

Credits:

3.00

Description:

When companies make decisions, they do so with the future in mind and essentially are predicting that their decisions will achieve desired results. Predictive analytics allow people to ask and answer questions that can predict demand and/or outcomes and obtain results that lead to reasoned action. This course develops students' capability in applying the core concepts and techniques of predictive analytics for opportunity identification and risk assessment within the context of organizational decision-making. Students will use data-driven approaches to develop predictive analytical models. Students will create and use data models and techniques, apply trendlines to fit models to data, perform what-if analysis, construct data tables, evaluate scenarios, apply forecasting techniques, simulation and risk analysis. Students will learn to use various presentation and visualization tools to communicate results. Topics include: predictive analytics life cycle, opportunity/issue identification, data preparation, modeling, analysis, forecasting, simulation, risk assessment, and operationalization of predictive analytics. Students will use tools such as MS Excel, SPSS and SAS Visual Analytics.

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **ISOM-340 Security & Privacy**

Prerequisites:

ISOM-210(formerly ISOM-310) and at least 54 credits

Credits:

3.00

Description:

Students are introduced to the basics of information security & privacy including the legal and ethical issues. Common types of computer attacks and counter-attacks are addressed. Security technologies such as biometrics, firewalls, intrusion detection systems and cryptography systems will be analyzed and several labs done on the same to connect theory to practice. Best practices for planning and auditing security and privacy will also be covered. Pre-requisites: ISOM 310 or ISOM 423.

Term:

Offered Fall Term

- **ISOM-341 Project Management**

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

- **ISOM-414 Object-Oriented Programming Development with Java**

Prerequisites:

ISOM-314 and at least 54 credits or Instructor Permission

Credits:

3.00

Description:

This course introduces object-oriented programming (OOP) and development using the Java programming language. It covers the basics of OOP including class hierarchies, inheritance, objects, streams, constructors, and GUI components. The course also covers the design, development, and deployment of applets, web applications, and applications that are not deployed via the Internet. Several programming projects, which strengthen the understanding of object based and event driven programming, are required. By the end of the course, students will possess a strong working competency in object oriented programming using Java.

Term:

Offered Spring Term

- **ISOM-423 Database Management**

Prerequisites:

ISOM-210(formerly ISOM-310)

Credits:

3.00

Description:

This course provides an understanding of the role of information and databases in systems and their role as an organizational resource. Students learn to design databases using normalization and entity-relationship diagrams, develop data models and to build applications with database management systems (i.e., Microsoft Access and SQL). Techniques are examined and applied to business problems through exercises and projects. The course's cornerstone is a group project involving the implementation of a DBMS-based system which supports a realistic business application and the development of a companion user's manual.

Term:

Offered Both Fall and Spring

- **ISOM-424 IS Strategy, Management and Acquisition**

Prerequisites:

ISOM-313, ISOM-314, and ISOM-423 and at least 84 credits

Credits:

3.00

Description:

This course is the capstone for IS majors and is designed to assist students in further developing their project management and hands-on programming skills. It emphasizes the management principles that apply to technology development along with practical skills required to develop systems to solve real world problems using the latest available technologies. Students have the opportunity to learn system design and project management concepts, and then apply these principles to projects in the business community. For this reason, the course challenges students to bring together all the computer, information systems and management skills they have acquired to produce a final, capstone project, which is presented to their clients and peers. The goal of the course is to give students experience in working with real users and state-of-the-art software tools such as Cold Fusion to prepare them for the jobs that await them in industry.

Term:

Offered Spring Term

• ISOM-440 ERP System & Process Reengineering

Prerequisites:

ISOM-210(formerly ISOM-310) and at least 54 credits

Credits:

3.00

Description:

This course provides students with a conceptual, as well as, a mechanical understanding of enterprise integration and enterprise software, business process reengineering and strategies for maximizing benefits from enterprise systems. It also examines some of the complex organizational changes and issues including implementation challenge; risks, costs, and benefits; learning and knowledge management. Hands-on lab projects on the ERP System (provided by SAP) will be utilized to reinforce the student's understanding of important enterprise systems and business process concepts.

Term:

Offered Spring Term

- **ISOM-445 Big Data and Analytics**

Prerequisites:

ISOM 201; ISOM 310; ISOM 423 is recommended; Junior standing

Credits:

3.00

Description:

This course provides an understanding of the business potential of big data and analytics, data warehousing, how to build and maintain data warehouses, and how to use data warehouses for business advantage and as a source for business intelligence. Business intelligence refers to the use of analytical software tools to analyze big data or complex information about an organization and its competitors for use in business planning and decision-making. In building data warehouses, students will learn the inter-relationships between operation, decision support systems, strategy and the extraction and filtering process used to produce a high quality data warehouse. Data mining concepts and the use of data mining tools and methods for decision-making and for producing business intelligence is presented. Additionally, the concept of building dashboards and other visualization techniques to present data will be covered.

Term:

Offered Fall Term

- **ISOM-510 Independent Study in IS & OM**

Prerequisites:

ISOM-210(formerly ISOM-310) or ISOM-201 and Instructor Permission

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full

proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

• ISOM-520 Information Systems Internship

Prerequisites:

ISOM-210(formerly ISOM-310), 1 required ISOM major course, at least a 3.0 GPA, and Instructor Permission

Credits:

3.00

Description:

An internship may be used to satisfy the IS major practical experience requirement of a minimum of 150 hours of information systems/information technology experience. Most internships will exceed 150 hours and may be paid or unpaid. Prior approval of your position by the IS Practical Experience Coordinator is required. This is accomplished by completing the IS Practicum Approval Form with an internship description. The internship description includes the job description, the number of hours of work, the number of credits, grading criteria and any other requirements. Students should enroll in ISOM 520 prior to starting their internship. This is a graded course and cannot be used as a major elective. Students may decide to register for this free elective course as pass fail (see <http://www2.suffolk.edu/offices/54969.html>). Prerequisites: Practical Experience Coordinator's Approval Required and Junior Standing, minimum ISOM GPA of 3.0, and minimum overall GPA of 2.5.

Term:

Offered Both Fall and Spring

• ISOM-550 Special Topics of IS & OM

Prerequisites:

Prerequisites dependent on topic.

Credits:

3.00

Description:

An in-depth analysis of timely and special issues in information systems or operations management. Specific topics are announced when the course is scheduled. Prerequisites are dependent on specific topic.

Term:

Occasional

• **ISOM-560 Information Systems Practicum**

Prerequisites:

ISOM-210(formerly ISOM-310), 1 required ISOM major course, at least a 3.0 GPA, at least 54 credits, and Instructor Permission

Credits:

0.00

Description:

All majors are required to complete 150 hours of information systems/information technology experience. The 150 hours of work experience may be obtained in one or more positions as an intern, part- or full-time employee or volunteer. Prior approval of your position by the IS Practical Experience Coordinator is required. This is accomplished by completing the IS Practicum Approval Form. Students should enroll in ISOM 560 no earlier than the semester when they expect to complete the 150 hours. Student should log their work tasks and accomplishments. Prerequisites: Practical Experience Coordinator's Approval Required

Term:

Offered Both Fall and Spring

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Management

The management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)

Management Major Requirements

The management major consists of a minimum of 18 credits, which include three required courses and at least three elective courses, all taken at Suffolk University.

Required Courses, 3 Courses, 9 Credits

- MGT-331 Leadership

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying class room/real world situations to their own learning.

Term:

Offered Both Fall and Spring

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MGT-419 Senior Capstone Project Course**

Prerequisites:

ENT 101 (formerly SBS 101); MKT 210; MGT 217 (formerly MGT 317); ISOM 319; Management Majors and Minors only with 90 or more credits

Credits:

3.00

Description:

This capstone course allows students to integrate and apply their acquired knowledge in pro bono consulting projects under the supervision of a faculty mentor, coach and advisor. Course skills to be developed include project management, business communication, and action-oriented analysis. Students analyze real-world problems using primary and secondary research methods, identify feasible options for action, and make professional written and oral presentations to their client organization. An occasional Friday class may be required.

Term:

Offered Both Fall and Spring

Elective Courses, 3 Courses, 9 Credits

- **MGT-301 Leading Change**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

- **MGT-302 Developing Innovation Skills**

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

Type:

Creativity and Innovation

- **MGT-313 Human Resource Management**

Prerequisites:

ENT 101 (formerly SBS 101); Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

• MGT-333 Bldg. a Positive Organization

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

From store or restaurant managers to regional directors to executives of large corporations, you as a leader must learn how to create a positive work environment for your employees so that they can flourish, become resilient in the face of adversity, and achieve extraordinary performance. In this course, you will learn concepts fundamental to building a positive culture, such as social learning, reciprocity, supportive communication, and forgiveness, gratitude and compassion. These concepts will then be applied to a variety of management issues, such as building core values and mission statements, designing a standardized hiring process, creating a sustainable training and staff development program, developing onboarding experiences, enhancing organizational communication, conducting performance evaluations and critical conversations, and managing organizational change.

• MGT-334 Introduction to Business Analysis

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

This course introduces students to the core functions and skills required to be a Business Analyst, an agent of change using a systematic approach to add value within an organization. Students will learn how to understand business needs and perspectives in order to develop effective and focused solutions to problems across the Business Solutions Life Cycle, from strategy through to operational results. Using case studies and exercises, this course provides an overview of business analysis, introduces key skills such as project definition, the role of assumptions, critical analytical skills, interpretation of information, communication and implementation.

• MGT-322 Managing Diversity in the Workplace

Prerequisites:

MGT 217 (formerly MGT 317) or Instructor's consent required; Junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

• MGT-330 Interpersonal Effectiveness

Prerequisites:

ENT 101 (SBS 101) and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

• MGT-401 Negotiations

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

• MGT-510 Independent Study

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

• MGT-520 Management Internship

Prerequisites:

MGT 217 (formerly MGT 317); Management Major; Junior or Senior standing; 3.0 GPA; Instructor consent required; Cannot take this course concurrent with any other internship course

Credits:

3.00

Description:

MGT 520 is an internship course which offers students the opportunity to apply knowledge and skills acquired in management courses to a valuable work experience outside the University. Interns practice using management principles in a carefully selected real world work situation under the direction of a faculty member, while completing academic requirements intended to integrate theory and practice. Students can also use the internship to explore career interests. Sometimes building a relationship with an employer during an internship can lead to a job offer during school or after graduation.

Term:

Offered Both Fall and Spring

• ENT-320 Small Business Management

Prerequisites:

Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution.

Term:

Offered Both Fall and Spring

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Over the past decade, the world of business and the environment has exploded. Beginning as an engineering-driven movement among a handful of companies during the 1980's, many firms have learned that improved environment performance can save money and create a competitive advantage. In this course, we will cover how businesses of all sizes are more attentive to environmental issues and the realization that a green business: improves employee morale and health in the workplace, holds a marketing edge over the competition, strengthens the bottom line through operating efficiencies, is recognized as an environmental leader, can have a strong impact in the community and beyond, and can improve public relations.

Term:

Offered Spring Term

- **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

• ENT-358 Launching New Products

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will focus on the steps that innovators/entrepreneurs need to follow that will take ideas and launch them into new products. This is accomplished by taking the concept directly to the prospective customers. This course will cover: creating specifications, product sell sheets, prototype development, drafting an executive summary, intellectual property protection, manufacturing and quality control considerations, identifying vendors, customers, and funding sources, and developing a marketing and sales plan for launching the product. During the semester, students will be required to interact with their potential customers, vendors and other key players for the launch.

Term:

Offered Both Fall and Spring

- **ENT-360 Launching the E-Business**

Prerequisites:

Take MKT-210 or MKT-H210 and junior standing required.

Credits:

3.00

Description:

This experiential course is an entrepreneurial approach towards developing a real e-commerce business. Students will build off their marketing skills and entrepreneurial ambitions by a) advancing e-commerce ideas to opportunities, b) understanding the product, logistical, marketing, and managerial challenges associated with e-commerce startups, and c) developing financial models to predict and measure performance. This will be accomplished by students developing a launch plan for the opportunity, as well as executing portions of the launch plan.

Term:

Occasional

- **ENT-436 Managing the Family Business**

Prerequisites:

MGT-217(MGT 317), Junior standing,

Credits:

3.00

Description:

Are you interested in managing the family business and the challenges of succession between generations? If so, this course focuses on the challenges of adapting corporate-type managerial skills to family-owned and operated enterprises that typically reject such practices. The goals of this course include development of a working knowledge of managing the family business, reinterpretation of corporate management concepts for the family business, and personal reflection on the roles and conditions of operating a family business.

Term:

Offered Spring Term

- ISOM-341 Project Management

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

2014-2015 Archived Catalog Information

Management

The management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)

Management Minor for Business Students

3 courses, 9 credits

Business students may choose to minor in general management by completing any three of the following:

- MGT-301 Leading Change

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

• MGT-302 Developing Innovation Skills

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

Type:

Creativity and Innovation

- **MGT-313 Human Resource Management**

Prerequisites:

ENT 101 (formerly SBS 101); Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 217 (formerly MGT 317) or Instructor's consent required; Junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a

rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

• MGT-330 Interpersonal Effectiveness

Prerequisites:

ENT 101 (SBS 101) and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

• MGT-331 Leadership

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership

theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying class room/real world situations to their own learning.

Term:

Offered Both Fall and Spring

• MGT-333 Bldg. a Positive Organization

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

From store or restaurant managers to regional directors to executives of large corporations, you as a leader must learn how to create a positive work environment for your employees so that they can flourish, become resilient in the face of adversity, and achieve extraordinary performance. In this course, you will learn concepts fundamental to building a positive culture, such as social learning, reciprocity, supportive communication, and forgiveness, gratitude and compassion. These concepts will then be applied to a variety of management issues, such as building core values and mission statements, designing a standardized hiring process, creating a sustainable training and staff development program, developing onboarding experiences, enhancing organizational communication, conducting performance evaluations and critical conversations, and managing organizational change.

• MGT-334 Introduction to Business Analysis

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

This course introduces students to the core functions and skills required to be a Business Analyst, an agent of change using a systematic approach to add value within an organization. Students will learn how to understand business needs and perspectives in order to develop effective and focused solutions to problems across the Business Solutions Life Cycle, from strategy through to operational results. Using case studies and exercises, this course provides an overview of business analysis, introduces key skills such as project definition, the role of assumptions, critical analytical skills, interpretation of information, communication and implementation.

• MGT-335 Managing Across Cultures

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

• MGT-401 Negotiations

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

- **MGT-510 Independent Study**

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **ENT-320 Small Business Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution.

Term:

Offered Both Fall and Spring

Management Minor for College of Arts & Sciences Students

5 courses, 15 credits

College of Arts & Sciences students are required to complete ENT-101 Business Foundations and MGT -217 Organizational Behavior first, and then take any 3 of the following:

- **MGT-301 Leading Change**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

- **MGT-302 Developing Innovation Skills**

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

Type:

Creativity and Innovation

- **MGT-313 Human Resource Management**

Prerequisites:

ENT 101 (formerly SBS 101); Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-333 Bldg. a Positive Organization**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

From store or restaurant managers to regional directors to executives of large corporations, you as a leader must learn how to create a positive work environment for your employees so that they can flourish, become resilient in the face of adversity, and achieve extraordinary performance. In this course, you will learn concepts fundamental to building a positive culture, such as social learning, reciprocity, supportive communication, and forgiveness, gratitude and compassion. These concepts will then be applied to a variety of management issues, such as building core values and mission statements, designing a standardized hiring process, creating a sustainable training and staff development program, developing onboarding experiences, enhancing organizational communication, conducting performance evaluations and critical conversations, and managing organizational change.

- **MGT-334 Introduction to Business Analysis**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

This course introduces students to the core functions and skills required to be a Business Analyst, an agent of change using a systematic approach to add value within an organization. Students will learn how to understand business needs and perspectives in order to develop effective and focused solutions to problems across the Business Solutions Life Cycle, from strategy through to operational results. Using case studies and exercises, this course provides an overview of business analysis, introduces key skills such as project definition, the role of assumptions, critical analytical skills, interpretation of information, communication and implementation.

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 217 (formerly MGT 317) or Instructor's consent required; Junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-330 Interpersonal Effectiveness**

Prerequisites:

ENT 101 (SBS 101) and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

• MGT-331 Leadership

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying class room/real world situations to their own learning.

Term:

Offered Both Fall and Spring

• MGT-335 Managing Across Cultures

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

• MGT-401 Negotiations

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

• MGT-510 Independent Study

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **ENT-320 Small Business Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution.

Term:

Offered Both Fall and Spring

2014-2015 Archived Catalog Information

Management

The management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)

Social Impact Minor

The social impact minor provides students with a multidisciplinary approach to understanding the theory and practice of enacting social change. The minor is very hands-on. All required classes expect students to initiate, launch, and evaluate a social change effort.

Social Impact Minor for Business Students

Required Courses:

- ENT-350 Social Entrepreneurship

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Offered Fall Term

• MGT-301 Leading Change

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

*MGT 217 (formerly MGT 317) is a prerequisite, as is junior standing for MGT 301

Choose one of the following:

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Over the past decade, the world of business and the environment has exploded. Beginning as an engineering-driven movement among a handful of companies during the 1980's, many firms have learned that improved environment performance can save money and create a competitive advantage. In this course, we will cover how businesses of all sizes are more attentive to environmental issues and the realization that a green business: improves employee morale and health in the workplace, holds a marketing edge over the competition, strengthens the bottom line through operating efficiencies, is recognized as an environmental leader, can have a strong impact in the community and beyond, and can improve public relations.

Term:

Offered Spring Term

- **ENT-520 Launching the New Venture**

Prerequisites:

ENT 326 and Senior Standing This course may be used as an ENT major elective or taken instead of ENT 419.

Credits:

3.00

Description:

Are you looking for guidance to launch your venture? If so, this course will allow you to earn credits through an independent study working with faculty and alumni through our Center for Entrepreneurial Studies. Students must draft a launch plan based on their business plan prepared in ENT 326,

modified based on feedback received from faculty and judges during the ENT 326 presentations. Students must demonstrate enough evidence to support that the venture will be launched, as well as completing all tasks identified in the launch plan by the end of the semester to receive credit for the course. An ENT faculty member must supervise the student during the launch. The launch plan must provide evidence sufficient to support the number of credits being requested. Once the launch plan is completed, the student must attach the plan to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 217 (formerly MGT 317) or Instructor's consent required; Junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-331 Leadership**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying class room/real world situations to their own learning.

Term:

Offered Both Fall and Spring

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MGT-401 Negotiations**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

• MGT-520 Management Internship

Prerequisites:

MGT 217 (formerly MGT 317); Management Major; Junior or Senior standing; 3.0 GPA; Instructor consent required; Cannot take this course concurrent with any other internship course

Credits:

3.00

Description:

MGT 520 is an internship course which offers students the opportunity to apply knowledge and skills acquired in management courses to a valuable work experience outside the University. Interns practice using management principles in a carefully selected real world work situation under the direction of a faculty member, while completing academic requirements intended to integrate theory and practice. Students can also use the internship to explore career interests. Sometimes building a relationship with an employer during an internship can lead to a job offer during school or after graduation.

Term:

Offered Both Fall and Spring

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

SIB 101 or HST 149 or HST 150 or Instructor permission

Credits:

3.00

Description:

Global health, global poverty, and global warming are three interrelated issues that are creating a perfect storm of crises worldwide with major impacts on the United States. This course is an overview of the problems - the needs, systems, programs, and financing. We will look critically at policies in these areas and discuss what needs to be done to address them. Students will write a major paper on an issue of their choice.

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Diverse Perspectives

*Or students can petition to count a Center for Community Engagement (formerly SOULS Office) sponsored travel seminar if it is done for credit (e.g., Alternate Winter Break).

Social Impact Minor for College of Arts & Sciences Students

Required Courses:

- **ENT-101 Business Foundations**

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

Offered Both Fall and Spring

• ENT-350 Social Entrepreneurship

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Offered Fall Term

- **MGT-317 Organizational Behavior**

Prerequisites:

WRI-102 or WRI-103 or SBS-220 and ENT-101 and at least 45 credits

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Offered Both Fall and Spring

- **MGT-301 Leading Change**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

Choose one of the following:

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Over the past decade, the world of business and the environment has exploded. Beginning as an engineering-driven movement among a handful of companies during the 1980's, many firms have learned that improved environment performance can save money and create a competitive advantage. In this course, we will cover how businesses of all sizes are more attentive to environmental issues and the realization that a green business: improves employee morale and health in the workplace, holds a marketing edge over the competition, strengthens the bottom line through operating efficiencies, is recognized as an environmental leader, can have a strong impact in the community and beyond, and can improve public relations.

Term:

Offered Spring Term

- **ENT-520 Launching the New Venture**

Prerequisites:

ENT 326 and Senior Standing This course may be used as an ENT major elective or taken instead of ENT 419.

Credits:

3.00

Description:

Are you looking for guidance to launch your venture? If so, this course will allow you to earn credits through an independent study working with faculty and alumni through our Center for Entrepreneurial Studies. Students must draft a launch plan based on their business plan prepared in ENT 326, modified based on feedback received from faculty and judges during the ENT 326 presentations. Students must demonstrate enough evidence to support that the venture will be launched, as well as completing all tasks identified in the launch plan by the end of the semester to receive credit for

the course. An ENT faculty member must supervise the student during the launch. The launch plan must provide evidence sufficient to support the number of credits being requested. Once the launch plan is completed, the student must attach the plan to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 217 (formerly MGT 317) or Instructor's consent required; Junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-331 Leadership**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying classroom/real world situations to their own learning.

Term:

Offered Both Fall and Spring

• MGT-335 Managing Across Cultures

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

• MGT-401 Negotiations

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

• MGT-520 Management Internship

Prerequisites:

MGT 217 (formerly MGT 317); Management Major; Junior or Senior standing; 3.0 GPA; Instructor consent required; Cannot take this course concurrent with any other internship course

Credits:

3.00

Description:

MGT 520 is an internship course which offers students the opportunity to apply knowledge and skills acquired in management courses to a valuable work experience outside the University. Interns practice using management principles in a carefully selected real world work situation under the direction of a faculty member, while completing academic requirements intended to integrate theory and practice. Students can also use the internship to explore career interests. Sometimes building a relationship with an employer during an internship can lead to a job offer during school or after graduation.

Term:

Offered Both Fall and Spring

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

SIB 101 or HST 149 or HST 150 or Instructor permission

Credits:

3.00

Description:

Global health, global poverty, and global warming are three interrelated issues that are creating a perfect storm of crises worldwide with major impacts on the United States. This course is an overview of the problems - the needs, systems, programs, and financing. We will look critically at policies in these areas and discuss what needs to be done to address them. Students will write a major paper on an issue of their choice.

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Diverse Perspectives

*Or students can petition to count a Center for Community Engagement (formerly SOULS Office) sponsored travel seminar if it is done for credit (e.g., Alternate Winter Break).

2014-2015 Archived Catalog Information

Management

The management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)

- MGT-101 Business Foundations

Credits:

3.00

Description:

This course introduces the concepts and practices of managing profit seeking firms, as well as the challenges of managing not-for-profit and public sector organizations. Students develop an initial understanding of organizational stakeholders, the global, economic, legal, and regulatory environments, ethical challenges faced by management, and the strategic coordination of various internal functions of organizations. Students develop

an integrative approach to analyzing organizations and are coached on effective presentation skill, culminating in a group presentation of a business analysis to a panel of outside managers.

- **MGT-200 Leadership and Social Responsibility**

Prerequisites:

Sophomore Status

Credits:

1.00

Description:

This course focuses on management challenges faced by leaders of not-for-profit organizations. Through a hands-on team project students will create innovative solutions to a specific organizational opportunity/issue and present these to a panel of external judges. Students will also create sustainability plans so their ideas have life after the course ends. Due to the experiential nature of this course, it will be taught in an intensive format.

Term:

Offered Both Fall and Spring

- **MGT-217 Organizational Behavior**

Prerequisites:

ENT 101 (formerly SBS 101); WRI 102 (formerly ENG 102) or WRI 103 (formerly ENG 103) or SBS 220

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Offered Both Fall and Spring

- **MGT-H217 Honors in Organizational Behavior**

Prerequisites:

ENT 101 (formerly SBS 101); WRI 102 (formerly ENG 102) or WRI-103 and 45 or more credits and at least a 3.3 GPA

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Occasional

- **MGT-301 Leading Change**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

- MGT-302 Developing Innovation Skills

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

Type:

Creativity and Innovation

- MGT-H302 Honors Creativity for Business and Life Success

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill for the twenty-first century workforce. However, according to a recent Conference Board study [2], college

graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss profoundly important meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. Since we assume that your life is a work of art and you are the artist, this course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. Nation

Term:

Occasional

- **MGT-313 Human Resource Management**

Prerequisites:

ENT 101 (formerly SBS 101); Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-317 Organizational Behavior**

Prerequisites:

WRI-102 or WRI-103 or SBS-220 and ENT-101 and at least 45 credits

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Offered Both Fall and Spring

- **MGT-H317 Honors in Organizational Behavior**

Prerequisites:

ENG 102,SOM 101 or MGT 101, must have completed 45 credits Honors section, GPA of 3.2 or higher

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Occasional

- **MGT-320 Small Business Management**

Prerequisites:

ENT 101 (formerly SBS 101); Junior standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution.

Term:

Offered Both Fall and Spring

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 217 (formerly MGT 317) or Instructor's consent required; Junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-325 Career & Life Planning for Management**

Prerequisites:

SOM 101 or MGT 101 and Junior standing

Credits:

3.00

Description:

The course will provide an opportunity for students to develop self-awareness, personal skills and background knowledge necessary for successful personal life/career planning. Students will develop their own life/career plans based upon materials presented in this course. In a similar manner, attention will also be given to the careers of subordinates. This course is designed primarily for seniors; however, students with junior status may be admitted with permission of instructor.

- **MGT-330 Interpersonal Effectiveness**

Prerequisites:

ENT 101 (SBS 101) and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

- **MGT-331 Leadership**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying class room/real world situations to their own learning.

Term:

Offered Both Fall and Spring

• MGT-332 Workplace Conflict

Credits:

1.00

Description:

Conflict in the workplace can be an opportunity for productivity and relationship building or an upsetting emotional situation which hinders organizational effectiveness. By beginning with the causes and sources of workplace conflict which include personal differences, information deficiencies, role incompatibility, and environmental stress, this mini course will cover a collaborative and situational approach to managing workplace conflict. 1 credit.

• MGT-333 Bldg. a Positive Organization

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

From store or restaurant managers to regional directors to executives of large corporations, you as a leader must learn how to create a positive work environment for your employees so that they can flourish, become resilient in the face of adversity, and achieve extraordinary performance. In this course, you will learn concepts fundamental to building a positive culture, such as social learning, reciprocity, supportive communication, and

forgiveness, gratitude and compassion. These concepts will then be applied to a variety of management issues, such as building core values and mission statements, designing a standardized hiring process, creating a sustainable training and staff development program, developing onboarding experiences, enhancing organizational communication, conducting performance evaluations and critical conversations, and managing organizational change.

• MGT-H333 Building a Positive Organization

Prerequisites:

MGT 217 (formerly MGT 317); 3.3 GPA

Credits:

3.00

Description:

From store or restaurant managers to regional directors to executives of large corporations, you as a leader must learn how to create a positive work environment for your employees so that they can flourish, become resilient in the face of adversity, and achieve extraordinary performance. In this course, you will learn concepts fundamental to building a positive culture, such as social learning, reciprocity, supportive communication, and forgiveness, gratitude and compassion. These concepts will then be applied to a variety of management issues, such as building core values and mission statements, designing a standardized hiring process, creating a sustainable training and staff development program, developing onboarding experiences, enhancing organizational communication, conducting performance evaluations and critical conversations, and managing organizational change.

• MGT-334 Introduction to Business Analysis

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

This course introduces students to the core functions and skills required to be a Business Analyst, an agent of change using a systematic approach to add value within an organization. Students will learn how to understand business needs and perspectives in order to develop effective and focused solutions to problems across the Business Solutions Life Cycle, from strategy through to operational results. Using case studies and exercises, this

course provides an overview of business analysis, introduces key skills such as project definition, the role of assumptions, critical analytical skills, interpretation of information, communication and implementation.

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 217 (formerly MGT 317)

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MGT-360 Leadership 360 Practicum**

Prerequisites:

MGT 217 (formerly MGT 317); does not count toward the Management Major, nor the minor for BSBA students

Credits:

3.00

Description:

Leadership 360 Practicum provides a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. Students will conduct an in-depth self-examination of skills, abilities, personality, attitudes, values, and behaviors to increase self-awareness of their leadership competencies. Students will learn relevant leadership theories and introductory project management principles and techniques. They will apply leadership and project management skills in a mini-team project with a not-for-profit organization that seeks

solutions to a specific challenge, leading to a project implementation plan. Students will present formally to the client; feedback to the presenters will reinforce their oral communication skills. This course is a requirement for all BSBA majors.

- **MGT-401 Negotiations**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

- **MGT-H401 Honors Analytical Skills**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing; 3.3 GPA

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Occasional

• MGT-419 Senior Capstone Project Course

Prerequisites:

ENT 101 (formerly SBS 101); MKT 210; MGT 217 (formerly MGT 317); ISOM 319; Management Majors and Minors only with 90 or more credits

Credits:

3.00

Description:

This capstone course allows students to integrate and apply their acquired knowledge in pro bono consulting projects under the supervision of a faculty mentor, coach and advisor. Course skills to be developed include project management, business communication, and action-oriented analysis. Students analyze real-world problems using primary and secondary research methods, identify feasible options for action, and make professional written and oral presentations to their client organization. An occasional Friday class may be required.

Term:

Offered Both Fall and Spring

• MGT-429 Strategic Management

Prerequisites:

FIN-200, MGT-217, ISOM-319, MKT-210, ENT-101, and at least 84 credits

Credits:

3.00

Description:

This course covers and integrates administrative processes and decision making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focuses on strategic and policy issues from the viewpoint of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions. Prerequisites: MGT 101 (formerly SOM 101), FIN 310, MKT 210 (formerly MKT 310), MGT 317 and ISOM 319. Restricted to seniors.

• MGT-H429 Honors Strategic Management

Prerequisites:

FIN-200, MKT-210, MGT-217, ENT-101, ISOM-319, at least 84 credits, and at least a 3.2 GPA

Credits:

3.00

Description:

Covers and integrates administrative processes and decision-making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focus- es on strategic and policy issues from the view- point of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions. Prerequisites: FIN 310, MKT 310, MGT 317, SOM 101 or MGT 101, ISOM 319 Senior standing; Honors section, GPA 3.2 and higher. 1 term - 3 credits.

• MGT-510 Independent Study

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **MGT-520 Management Internship**

Prerequisites:

MGT 217 (formerly MGT 317); Management Major; Junior or Senior standing; 3.0 GPA; Instructor consent required; Cannot take this course concurrent with any other internship course

Credits:

3.00

Description:

MGT 520 is an internship course which offers students the opportunity to apply knowledge and skills acquired in management courses to a valuable work experience outside the University. Interns practice using management principles in a carefully selected real world work situation under the direction of a faculty member, while completing academic requirements intended to integrate theory and practice. Students can also use the internship to explore career interests. Sometimes building a relationship with an employer during an internship can lead to a job offer during school or after graduation.

Term:

Offered Both Fall and Spring

- **MGT-560 Leadership Journey Experience**

Prerequisites:

Instructor consent required

Credits:

Description:

Suffolk University Student Leadership and Involvement Office oversees The Leadership Journey Program. The program is designed to develop student's leadership skills throughout their collegiate career at Suffolk University. Students are expected to experience all aspects of the cornerstones as they begin the Journey. After this exposure, students are encouraged to focus on the leadership activities in which they are more passionate. The Leadership Journey focuses on providing students with experiences in leadership, campus involvement and service. Students completing the Leadership Journey will have complemented their leadership course material with experiences in actual leadership situations.

Suffolk University Student Leadership and Involvement Office oversees The Leadership Journey Program. The program is designed to develop student's leadership skills throughout their collegiate career at Suffolk University. Students are expected to experience all aspects of the cornerstones as they begin the Journey. After this exposure, students are encouraged to focus on the leadership activities in which they are more passionate. The Leadership Journey focuses on providing students with experiences in leadership, campus involvement and service. Students completing the Leadership Journey will have complemented their leadership course material with experiences in actual leadership situations.

2014-2015 Archived Catalog Information

Marketing

Marketing, a critical element of business, is about developing, sustaining, and delivering value to the consumer in a socially responsible manner. In short, marketing is meeting customer needs profitably. As globalization, rapid changes in technology, and evolving lifestyles continuously alter the specifics of marketing tasks, business strategies and tactics that worked yesterday may not work tomorrow. Consequently, our emphasis is not only to prepare students for the marketing environment of today, but also to anticipate the critical knowledge base and skills that will be effective tomorrow. Our curriculum is designed to give students a solid foundation in effective marketing thought and practices. In addition to providing knowledge about fundamental concepts and frameworks, the curriculum emphasizes written and oral communication, teamwork, leadership, and problem-solving skills to prepare students for a successful transition into a marketing career.

The Marketing Department prepares students to enter a wide variety of careers including, but not limited to, entry-level positions in client management, marketing communications, advertising, professional selling, and marketing research. We offer courses in all fundamental aspects of marketing, including consumer behavior, supply chain management, entrepreneurial marketing, sports marketing, services marketing, brand marketing, digital marketing, and global marketing. In addition, to enhance and complement classroom learning, our majors have an opportunity to earn course credit while working as an intern in a company or nonprofit organization and by working on consulting projects with actual business clients. We also allow students to specialize in a particular area of marketing by declaring a concentration in one of five cutting-edge fields, including sports marketing, marketing innovation and new media, brand marketing, marketing consulting, or global marketing.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Undergraduate Courses](#)

Marketing Major Requirements

The BSBA in marketing major requires completion of 21 credit hours in marketing beyond the completion of MKT 210 (or MKT H210), to be completed at Suffolk University. Students may choose to specialize in one of five concentration areas: sports marketing, marketing innovation and new media, brand marketing, global marketing, or marketing consulting. Additionally, qualifying students may elect to participate in an honors marketing track.

Choosing a concentration is not required to be a marketing major.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-318 Marketing Tools and Analysis**

Prerequisites:

MKT 210; STATS 250

Credits:

3.00

Description:

The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419). Prerequisites: MKT 210 (formerly MKT 310) and STATS 250 or STATS 240.

- **MKT-319 Marketing Research**

Prerequisites:

MKT 210; STATS 250 or STATS-240; MKT-318 or MKT-320;

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-419 Marketing Policies & Strategies**

Prerequisites:

MKT-317 and MKT-220(may be taken concurrently) and at least 54 credits

Credits:

3.00

Description:

In this capstone course, marketing majors apply lessons learned across the curricula of the Marketing Department and Sawyer School. Students test their level of marketing knowledge by working to solve challenging integrated cases for developing marketing strategy and programs. In particular, students analyze both qualitative and quantitative information, evaluate alternative courses of action, and then make strategic recommendations for resolving the issues in each case. Prerequisites: MKT 210 or MKT H210, MKT 317, MKT 318, MKT 319, and Senior Standing.

Elective Courses, 3 Courses, 9 Credits

- **MKT-313 Professional Selling**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **MKT-315 Integrated Marketing Communication**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerrilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-421 Global Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-427 Supply Chain Management**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of this course is to explain the function and value of marketing channels and define the major channel types. This course will also explain the elementary legal aspects of channel promotion, pricing, delivery and integration systems as well as identify channel strategies. Prerequisite: MKT 210 or MKT H210 (Formerly MKT 310) and Junior Standing. 1 term - 3 credits.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those

interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

MKT 317; 3.2 GPA

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in

staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing**

Prerequisites:

MKT 210; 54 credits; 3.0 GPA;

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

- **MKT-440 New Product Development**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issued such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion

(student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

- **MKT-442 Brand Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media has altered the landscape of business, communications, marketing, and society as a whole. While some social media like Wikipedia and Facebook have become part of the fabric of many consumers' lives, new media like Snapchat and Tumblr are emerging. This constantly evolving landscape offers businesses innovative ways for generating awareness, demand and revenue. In this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. Naturally, student projects, assignments, and other activities will use social media tools.

- **MKT-446 High Tech Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-H455 Honors Digital Marketing Challenges**

Prerequisites:

MKT 210; 3.2 GPA

Credits:

3.00

Description:

The foundational course in the digital marketing track this course focuses on the consumer of digital media and five big picture marketing strategy challenges confronting marketers in the new digital (mobile +social) marketing era. Challenge 1: Marketing to a smarter, more engaged, empowered consumer; Challenge 2: Marketing to a networked, collaborative, and more social consumer; Challenge 3: Marketing to a more distracted and fickle consumer; Challenge 4: Marketing to a unique, individual consumer; and Challenge 5: Marketing to prosumers or producer-consumers. The course takes on these big picture challenges thorough a deep engagement with and critical analysis of readings and cases. Given this focus the course demands thorough preparation for class and active engagement in the class discussion. The evaluation is assignment and project based.

- **MKT-466 Mobile Marketing: Reaching the Multi-Screen Consumer**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This new course in the digital marketing track focuses on how mobile device usage has completely changed the paradigm for companies in every industry. It will focus on the following four major areas: 1. consumer usage of mobile devices; 2. mobile-only companies and applications, 3. mobile hybrids - companies making a huge shift to mobile; and 4. mobile marketing and advertising. The course will rely heavily on discussion of real mobile business cases with lectures from leaders from inside the mobile industry. Evaluation will be based on assignments, class participation, and a group project.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

- **MKT-510 Directed Study**

Prerequisites:

MKT 210; Instructor's consent required

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **MKT-520 Marketing Internship**

Prerequisites:

MKT 210; 3.0 GPA

Credits:

3.00

Description:

This course provides marketing majors or minors (junior status or higher) to apply marketing and business knowledge for problem solving in an organizational workplace setting. Students identify and organize their own internship position and particular project (depending on area of interest) with assistance from department staff, as needed. Projects will vary in scope and content and may include topics such as buyer behavior, customer satisfaction, service quality, e-marketing, and others. Students are expected to be on the job for approximately 8 hours per week during the course of the semester. Prerequisites: Minimum of 3.0 GPA; MKT 210 or MKT H210 (formerly MKT 310) AND JUNIOR STANDING and permission from instructor. 1 term - 3 credits.

- **MKT-H524 Global Marketing Consulting**

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

MKT 319; 3.2 GPA

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

Marketing Honors Courses

Marketing honors courses offer high-achieving students a challenging, yet rewarding, curriculum and class experience. Each semester, honors marketing elective courses are offered in addition to the required courses.

- **MKT-H317 Honors Consumer Behavior**

Prerequisites:

MKT 210 or MKT-H210 and at least a 3.2 GPA

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

• MKT-H318 Honors Marketing Tools and Analysis

Prerequisites:

MKT 210; STATS 250; 3.2 GPA

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419)

• MKT-H319 Honors Marketing Research

Prerequisites:

MKT 210; STATS 250; MKT 318; 3.2 GPA

Credits:

3.00

Description:

This honors course extends the learning in other MKT courses, in particular MKT 318. You will learn advanced concepts and ideas pertaining to scientific research methodology in the context of marketing applications. Topics include planning and designing research studies, qualitative inquiry, survey design, principles of measurement, sample design, and statistical data analysis. The course is heavily project based with extensive use of SPSS for statistical data analysis. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. After taking Marketing Research, students are well prepared to design and carry out research to address business questions regarding problems and opportunities in upper level courses (MKT 419 and MGT 429)

- **MKT-H419 Honors Marketing Policies & Strategies**

Prerequisites:

MKT 210; MKT 317; MKT 318; MKT 319; 3.2 GPA; Senior standing

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this capstone course, marketing majors apply lessons learned across the curricula of the Marketing Department and Sawyer School. Students test their level of marketing knowledge by working to solve challenging integrated cases for developing marketing strategy and programs. In particular, students analyze both qualitative and quantitative information, evaluate alternative courses of action, and then make strategic recommendations for resolving the issues in each case.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

MKT 317; 3.2 GPA

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses

at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-H455 Honors Digital Marketing Challenges**

Prerequisites:

MKT 210; 3.2 GPA

Credits:

3.00

Description:

The foundational course in the digital marketing track this course focuses on the consumer of digital media and five big picture marketing strategy challenges confronting marketers in the new digital (mobile +social) marketing era. Challenge 1: Marketing to a smarter, more engaged, empowered consumer; Challenge 2: Marketing to a networked, collaborative, and more social consumer; Challenge 3: Marketing to a more distracted and fickle consumer; Challenge 4: Marketing to a unique, individual consumer; and Challenge 5: Marketing to prosumers or producer-consumers. The course takes on these big picture challenges thorough a deep engagement with and critical analysis of readings and cases. Given this focus the course demands thorough preparation for class and active engagement in the class discussion. The evaluation is assignment and project based.

- **MKT-H524 Global Marketing Consulting**

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

MKT 319; 3.2 GPA

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

Marketing Honors Track

The marketing honors track requires a GPA of 3.2 or higher, and the completion of either option 1 or 2. The marketing honors track has two options.

OPTION 1

Required: H317, H318, H319, & H419

Recommended: Take additional marketing honors electives to enhance the honors experience.

OPTION 2

Required: Take any five marketing honors courses

Marketing Concentrations

Students have the option to choose one of the following marketing concentrations; however, choosing a marketing concentration is not required.

Marketing majors who choose to specialize in one of five concentrations are required to complete the marketing major requirements; MKT 317, MKT 318, MKT 319 and MKT 419, as well as follow the instructions below for their area of personal interest.

1. Sports Marketing (Complete all three)

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

2. Marketing Innovation and New Media (Choose three)

- **MKT-440 New Product Development**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issues such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion (student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

- **MKT-444 Managing Social Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media has altered the landscape of business, communications, marketing, and society as a whole. While some social media like Wikipedia and Facebook have become part of the fabric of many consumers' lives, new media like Snapchat and Tumblr are emerging. This constantly evolving landscape offers businesses innovative ways for generating awareness, demand and revenue. In this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. Naturally, student projects, assignments, and other activities will use social media tools.

- **MKT-446 High Tech Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-H455 Honors Digital Marketing Challenges**

Prerequisites:

MKT 210; 3.2 GPA

Credits:

3.00

Description:

The foundational course in the digital marketing track this course focuses on the consumer of digital media and five big picture marketing strategy challenges confronting marketers in the new digital (mobile +social) marketing era. Challenge 1: Marketing to a smarter, more engaged, empowered consumer; Challenge 2: Marketing to a networked, collaborative, and more social consumer; Challenge 3: Marketing to a more distracted and fickle consumer; Challenge 4: Marketing to a unique, individual consumer; and Challenge 5: Marketing to prosumers or producer-consumers. The course takes on these big picture challenges thorough a deep engagement with and critical analysis of readings and cases. Given this focus the course demands thorough preparation for class and active engagement in the class discussion. The evaluation is assignment and project based.

- **MKT-466 Mobile Marketing: Reaching the Multi-Screen Consumer**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This new course in the digital marketing track focuses on how mobile device usage has completely changed the paradigm for companies in every industry. It will focus on the following four major areas: 1. consumer usage of mobile devices; 2. mobile-only companies and applications, 3. mobile hybrids - companies making a huge shift to mobile; and 4. mobile marketing and advertising. The course will rely heavily on discussion of real mobile business cases with lectures from leaders from inside the mobile industry. Evaluation will be based on assignments, class participation, and a group project.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

3. Brand Marketing (Choose three)

- **MKT-315 Integrated Marketing Communication**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-442 Brand Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media has altered the landscape of business, communications, marketing, and society as a whole. While some social media like Wikipedia and Facebook have become part of the fabric of many consumers' lives, new media like Snapchat and Tumblr are emerging. This constantly evolving landscape offers businesses innovative ways for generating awareness, demand and revenue. In this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. Naturally, student projects, assignments, and other activities will use social media tools.

- **MKT-466 Mobile Marketing: Reaching the Multi-Screen Consumer**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This new course in the digital marketing track focuses on how mobile device usage has completely changed the paradigm for companies in every industry. It will focus on the following four major areas: 1. consumer usage of mobile devices; 2. mobile-only companies and applications, 3. mobile hybrids - companies making a huge shift to mobile; and 4. mobile marketing and advertising. The course will rely heavily on discussion of real mobile business cases with lectures from leaders from inside the mobile industry. Evaluation will be based on assignments, class participation, and a group project.

4. Global Marketing (Choose three)

- **MKT-421 Global Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

MKT 317; 3.2 GPA

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing**

Prerequisites:

MKT 210; 54 credits; 3.0 GPA;

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

MKT 319; 3.2 GPA

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

5. Marketing Consulting (Complete all three)

This is an honors concentration. Completion requires a GPA of 3.2 or higher.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-524 Global Marketing Consulting**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

• MKT-H525 Honors Professional Marketing Consulting

Prerequisites:

MKT 319; 3.2 GPA

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

Again, choosing a concentration is not required to be a marketing major. It is an option for students who would like to specialize in a particular area.

2014-2015 Archived Catalog Information

Marketing

Marketing, a critical element of business, is about developing, sustaining, and delivering value to the consumer in a socially responsible manner. In short, marketing is meeting customer needs profitably. As globalization, rapid changes in technology, and evolving lifestyles continuously alter the specifics of marketing tasks, business strategies and tactics that worked yesterday may not work tomorrow. Consequently, our emphasis is not only to prepare students for the marketing environment of today, but also to anticipate the critical knowledge base and skills that will be effective tomorrow. Our curriculum is designed to give students a solid foundation in effective marketing thought and practices. In addition to providing knowledge about fundamental concepts and frameworks, the curriculum emphasizes written and oral communication, teamwork, leadership, and problem-solving skills to prepare students for a successful transition into a marketing career.

The Marketing Department prepares students to enter a wide variety of careers including, but not limited to, entry-level positions in client management, marketing communications, advertising, professional selling, and marketing research. We offer courses in all fundamental aspects of marketing, including consumer behavior, supply chain management, entrepreneurial marketing, sports marketing, services marketing, brand marketing, digital marketing, and global marketing. In addition, to enhance and complement classroom learning, our majors have an opportunity to earn course credit while working as an intern in a company or nonprofit organization and by working on consulting projects with actual business clients. We also allow students to specialize in a particular area of marketing by declaring a concentration in one of five cutting-edge fields, including sports marketing, marketing innovation and new media, brand marketing, marketing consulting, or global marketing.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Undergraduate Courses](#)

Marketing Minor for Business Students, 3 courses, 9 credits

A student may choose to minor in marketing by completing any three of the following courses, beyond the completion of MKT 210 or MKT H210:

- MKT-313 Professional Selling

Prerequisites:

MKT 210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **MKT-315 Integrated Marketing Communication**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-H317 Honors Consumer Behavior**

Prerequisites:

MKT 210 or MKT-H210 and at least a 3.2 GPA

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-318 Marketing Tools and Analysis**

Prerequisites:

MKT 210; STATS 250

Credits:

3.00

Description:

The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well

prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419). Prerequisites: MKT 210 (formerly MKT 310) and STATS 250 or STATS 240.

- **MKT-H318 Honors Marketing Tools and Analysis**

Prerequisites:

MKT 210; STATS 250; 3.2 GPA

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419)

- **MKT-319 Marketing Research**

Prerequisites:

MKT 210; STATS 250 or STATS-240; MKT-318 or MKT-320;

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-H319 Honors Marketing Research**

Prerequisites:

MKT 210; STATS 250; MKT 318; 3.2 GPA

Credits:

3.00

Description:

This honors course extends the learning in other MKT courses, in particular MKT 318. You will learn advanced concepts and ideas pertaining to scientific research methodology in the context of marketing applications. Topics include planning and designing research studies, qualitative inquiry, survey design, principles of measurement, sample design, and statistical data analysis. The course is heavily project based with extensive use of SPSS for statistical data analysis. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. After taking Marketing Research, students are well prepared to design and carry out research to address business questions regarding problems and opportunities in upper level courses (MKT 419 and MGT 429)

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerrilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-421 Global Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-427 Supply Chain Management**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of this course is to explain the function and value of marketing channels and define the major channel types. This course will also explain the elementary legal aspects of channel promotion, pricing, delivery and integration systems as well as identify channel strategies. Prerequisite: MKT 210 or MKT H210 (Formerly MKT 310) and Junior Standing. 1 term - 3 credits.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

MKT 317; 3.2 GPA

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing**

Prerequisites:

MKT 210; 54 credits; 3.0 GPA;

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

- **MKT-440 New Product Development**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issued such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion (student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

- **MKT-442 Brand Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media has altered the landscape of business, communications, marketing, and society as a whole. While some social media like Wikipedia and Facebook have become part of the fabric of many consumers' lives, new media like Snapchat and Tumblr are emerging. This constantly evolving landscape offers businesses innovative ways for generating awareness, demand and revenue. In this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. Naturally, student projects, assignments, and other activities will use social media tools.

- **MKT-H444 Honors the Business of Digital Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media is transforming the way consumers work, play, and live and no one knows this better than you- the Millennial generation. But, what does this mean for business? The focus of this course is to understand the transformation of marketing practices as new social media challenge traditional media. How do businesses use the new media to create deeper and more profitable relationships with consumers? What are the new measures and metrics for assessing marketing programs in this new environment? From this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. The course is constructed on the principle of the student as an active learner where the student takes the responsibility for their own learning and works collaboratively with peers assisting in their learning. Naturally, student projects, assignments, and other activities will use social media tools including wikis and blogs.

- **MKT-446 High Tech Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-H455 Honors Digital Marketing Challenges**

Prerequisites:

MKT 210; 3.2 GPA

Credits:

3.00

Description:

The foundational course in the digital marketing track this course focuses on the consumer of digital media and five big picture marketing strategy challenges confronting marketers in the new digital (mobile +social) marketing era. Challenge 1: Marketing to a smarter, more engaged, empowered consumer; Challenge 2: Marketing to a networked, collaborative, and more social consumer; Challenge 3: Marketing to a more distracted and fickle consumer; Challenge 4: Marketing to a unique, individual consumer; and Challenge 5: Marketing to prosumers or producer-consumers. The course takes on these big picture challenges thorough a deep engagement with and critical analysis of readings and cases. Given this focus the course demands thorough preparation for class and active engagement in the class discussion. The evaluation is assignment and project based.

- **MKT-466 Mobile Marketing: Reaching the Multi-Screen Consumer**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This new course in the digital marketing track focuses on how mobile device usage has completely changed the paradigm for companies in every industry. It will focus on the following four major areas: 1. consumer usage of mobile devices; 2. mobile-only companies and applications, 3. mobile hybrids - companies making a huge shift to mobile; and 4. mobile marketing and advertising. The course will rely heavily on discussion of real mobile business cases with lectures from leaders from inside the mobile industry. Evaluation will be based on assignments, class participation, and a group project.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

• MKT-520 Marketing Internship

Prerequisites:

MKT 210; 3.0 GPA

Credits:

3.00

Description:

This course provides marketing majors or minors (junior status or higher) to apply marketing and business knowledge for problem solving in an organizational workplace setting. Students identify and organize their own internship position and particular project (depending on area of interest) with assistance from department staff, as needed. Projects will vary in scope and content and may include topics such as buyer behavior, customer satisfaction, service quality, e-marketing, and others. Students are expected to be on the job for approximately 8 hours per week during the course of the semester. Prerequisites: Minimum of 3.0 GPA; MKT 210 or MKT H210 (formerly MKT 310) AND JUNIOR STANDING and permission from instructor. 1 term - 3 credits.

• MKT-H524 Global Marketing Consulting

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing

strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

MKT 319; 3.2 GPA

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

To focus your minor in a specific area within marketing, see "Marketing Major Concentrations" for specialized elective combinations.

Marketing Minor for College of Arts & Sciences Students, 4 courses, 12 credits

College of Arts & Sciences students are required to take MKT 210 or MKT H210 and three additional marketing courses:

- **MKT-313 Professional Selling**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **MKT-315 Integrated Marketing Communication**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-H317 Honors Consumer Behavior**

Prerequisites:

MKT 210 or MKT-H210 and at least a 3.2 GPA

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-318 Marketing Tools and Analysis**

Prerequisites:

MKT 210; STATS 250

Credits:

3.00

Description:

The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419). Prerequisites: MKT 210 (formerly MKT 310) and STATS 250 or STATS 240.

- **MKT-H318 Honors Marketing Tools and Analysis**

Prerequisites:

MKT 210; STATS 250; 3.2 GPA

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419)

- **MKT-319 Marketing Research**

Prerequisites:

MKT 210; STATS 250 or STATS-240; MKT-318 or MKT-320;

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-H319 Honors Marketing Research**

Prerequisites:

MKT 210; STATS 250; MKT 318; 3.2 GPA

Credits:

3.00

Description:

This honors course extends the learning in other MKT courses, in particular MKT 318. You will learn advanced concepts and ideas pertaining to scientific research methodology in the context of marketing applications. Topics include planning and designing research studies, qualitative inquiry, survey design, principles of measurement, sample design, and statistical data analysis. The course is heavily project based with extensive use of

SPSS for statistical data analysis. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. After taking Marketing Research, students are well prepared to design and carry out research to address business questions regarding problems and opportunities in upper level courses (MKT 419 and MGT 429)

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerrilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-421 Global Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-427 Supply Chain Management**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of this course is to explain the function and value of marketing channels and define the major channel types. This course will also explain the elementary legal aspects of channel promotion, pricing, delivery and integration systems as well as identify channel strategies. Prerequisite: MKT 210 or MKT H210 (Formerly MKT 310) and Junior Standing. 1 term - 3 credits.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

MKT 317; 3.2 GPA

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing**

Prerequisites:

MKT 210; 54 credits; 3.0 GPA;

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

- **MKT-440 New Product Development**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issued such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion (student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

- **MKT-442 Brand Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective.

More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media has altered the landscape of business, communications, marketing, and society as a whole. While some social media like Wikipedia and Facebook have become part of the fabric of many consumers' lives, new media like Snapchat and Tumblr are emerging. This constantly evolving landscape offers businesses innovative ways for generating awareness, demand and revenue. In this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. Naturally, student projects, assignments, and other activities will use social media tools.

- **MKT-H444 Honors the Business of Digital Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media is transforming the way consumers work, play, and live and no one knows this better than you- the Millennial generation. But, what does this mean for business? The focus of this course is to understand the transformation of marketing practices as new social media challenge traditional media. How do businesses use the new media to create deeper and more profitable relationships with consumers? What are the new measures and metrics for assessing marketing programs in this new environment? From this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. The course is constructed on the

principle of the student as an active learner where the student takes the responsibility for their own learning and works collaboratively with peers assisting in their learning. Naturally, student projects, assignments, and other activities will use social media tools including wikis and blogs.

- **MKT-446 High Tech Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-H455 Honors Digital Marketing Challenges**

Prerequisites:

MKT 210; 3.2 GPA

Credits:

3.00

Description:

The foundational course in the digital marketing track this course focuses on the consumer of digital media and five big picture marketing strategy challenges confronting marketers in the new digital (mobile +social) marketing era. Challenge 1: Marketing to a smarter, more engaged, empowered

consumer; Challenge 2: Marketing to a networked, collaborative, and more social consumer; Challenge 3: Marketing to a more distracted and fickle consumer; Challenge 4: Marketing to a unique, individual consumer; and Challenge 5: Marketing to prosumers or producer-consumers. The course takes on these big picture challenges thorough a deep engagement with and critical analysis of readings and cases. Given this focus the course demands thorough preparation for class and active engagement in the class discussion. The evaluation is assignment and project based.

- **MKT-466 Mobile Marketing: Reaching the Multi-Screen Consumer**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This new course in the digital marketing track focuses on how mobile device usage has completely changed the paradigm for companies in every industry. It will focus on the following four major areas: 1. consumer usage of mobile devices; 2. mobile-only companies and applications, 3. mobile hybrids - companies making a huge shift to mobile; and 4. mobile marketing and advertising. The course will rely heavily on discussion of real mobile business cases with lectures from leaders from inside the mobile industry. Evaluation will be based on assignments, class participation, and a group project.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

- **MKT-520 Marketing Internship**

Prerequisites:

MKT 210; 3.0 GPA

Credits:

3.00

Description:

This course provides marketing majors or minors (junior status or higher) to apply marketing and business knowledge for problem solving in an organizational workplace setting. Students identify and organize their own internship position and particular project (depending on area of interest) with assistance from department staff, as needed. Projects will vary in scope and content and may include topics such as buyer behavior, customer satisfaction, service quality, e-marketing, and others. Students are expected to be on the job for approximately 8 hours per week during the course of the semester. Prerequisites: Minimum of 3.0 GPA; MKT 210 or MKT H210 (formerly MKT 310) AND JUNIOR STANDING and permission from instructor. 1 term - 3 credits.

- **MKT-H524 Global Marketing Consulting**

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

MKT 319; 3.2 GPA

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

To focus your minor in a specific area within marketing, see "Marketing Major Concentrations" for specialized elective combinations.

2014-2015 Archived Catalog Information

Marketing

Marketing, a critical element of business, is about developing, sustaining, and delivering value to the consumer in a socially responsible manner. In short, marketing is meeting customer needs profitably. As globalization, rapid changes in technology, and evolving lifestyles continuously alter the specifics of marketing tasks, business strategies and tactics that worked yesterday may not work tomorrow. Consequently, our emphasis is not only to prepare students for the marketing environment of today, but also to anticipate the critical knowledge base and skills that will be effective tomorrow. Our curriculum is designed to give students a solid foundation in effective marketing thought and practices. In addition to providing knowledge about fundamental concepts and frameworks, the curriculum emphasizes written and oral communication, teamwork, leadership, and problem-solving skills to prepare students for a successful transition into a marketing career.

The Marketing Department prepares students to enter a wide variety of careers including, but not limited to, entry-level positions in client management, marketing communications, advertising, professional selling, and marketing research. We offer courses in all fundamental aspects of marketing, including consumer behavior, supply chain management, entrepreneurial marketing, sports marketing, services marketing, brand marketing, digital marketing, and global marketing. In addition, to enhance and complement classroom learning, our majors have an opportunity to earn course credit while working as an intern in a company or nonprofit organization and by working on consulting projects with actual business clients. We also allow students to specialize in a particular area of marketing by declaring a concentration in one of five cutting-edge fields, including sports marketing, marketing innovation and new media, brand marketing, marketing consulting, or global marketing.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Undergraduate Courses](#)

- IBMK-421 International Marketing

Prerequisites:

Take MKT-310 MKT-210 IBMK-321 MKT-H210 or IB-321;and JR Standing

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

• MKT-210 Principles of Marketing

Prerequisites:

WRI 101 or WRI 103

Credits:

3.00

Description:

As part of the core curriculum for the BSBA, this course provides a comprehensive, innovative, managerial, and practical introduction to marketing. Students will learn and apply basic concepts and practices of modern marketing as used in a wide variety of settings. Technological advances, rapid globalization, economic shifts and cultural and environmental developments are causing profound changes in the marketplace. As the marketplace changes, so must the marketers who serve it. These new developments signify a brand new world of opportunities for forward thinking marketers. In response to these new developments, the focus of this course is on four major themes that go to the heart of modern marketing theory and practice: 1. Building and managing profitable customer relationships; 2. Building and managing strong brands; 3. Harnessing new marketing technologies in this digital age; and 4. Marketing in a socially responsible way around the globe.

• MKT-H210 Honors- Principles of Marketing

Prerequisites:

WRI-101 or WRI-103 and at least a 3.2 GPA

Credits:

3.00

Description:

This course addresses the topics that remain relevant and important, while simultaneously emphasizing new thinking and approaches to marketing practices. Students need to be prepared to operate in the complex and dynamic marketing world of the future, they need to develop the capacity to think and act like marketers in a difficult and uncertain environment. This requires the ability to assess complex and changing marketing situations, to determine the best marketing strategies for these situations, and to execute the strategies effectively. This course serves two purposes: as a foundation for those intending to major/minor in marketing, and potentially as the sole background in marketing for other majors/minors.

• MKT-220 Business Research Methods

Prerequisites:

STATS 240 or STATS 250

Credits:

3.00

Description:

Business Research Methods is a general introduction to both quantitative and qualitative business research methods. Topics covered include the purpose of research, defining research and research problems, defining an hypothesis, problem solving and knowledge discovery, methods of quantitative and qualitative research, conducting literature reviews, designing appropriate methodologies, evaluating outcomes, analysis and communicating the results. Students will use Excel and SPSS to support research analysis, implementing what was learned in statistics and going beyond as they learn new data analysis techniques. Students will discuss and present research ideas and processes orally both informally and formally.

• MKT-H220 Honors Business Research Methods

Prerequisites:

STATS 240 or STATS 250

Credits:

3.00

Description:

Business Research Methods is a general introduction to both quantitative and qualitative business research methods. Topics covered include the purpose of research, defining research and research problems, defining an hypothesis, problem solving and knowledge discovery, methods of quantitative and qualitative research, conducting literature reviews, designing appropriate methodologies, evaluating outcomes, analysis and communicating the results. Students will use Excel and SPSS to support research analysis, implementing what was learned in statistics and going beyond as they learn new data analysis techniques. Students will discuss and present research ideas and processes orally both informally and formally.

- **MKT-313 Professional Selling**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **MKT-315 Integrated Marketing Communication**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

- **MKT-H315 Honors Integrated Marketing Communication**

Prerequisites:

MKT-H210 or MKT-210 and at least a 3.2 GPA

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-H317 Honors Consumer Behavior**

Prerequisites:

MKT 210 or MKT-H210 and at least a 3.2 GPA

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-318 Marketing Tools and Analysis**

Prerequisites:

MKT 210; STATS 250

Credits:

3.00

Description:

The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419). Prerequisites: MKT 210 (formerly MKT 310) and STATS 250 or STATS 240.

- **MKT-H318 Honors Marketing Tools and Analysis**

Prerequisites:

MKT 210; STATS 250; 3.2 GPA

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419)

- **MKT-319 Marketing Research**

Prerequisites:

MKT 210; STATS 250 or STATS-240; MKT-318 or MKT-320;

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-H319 Honors Marketing Research**

Prerequisites:

MKT 210; STATS 250; MKT 318; 3.2 GPA

Credits:

3.00

Description:

This honors course extends the learning in other MKT courses, in particular MKT 318. You will learn advanced concepts and ideas pertaining to scientific research methodology in the context of marketing applications. Topics include planning and designing research studies, qualitative inquiry, survey design, principles of measurement, sample design, and statistical data analysis. The course is heavily project based with extensive use of

SPSS for statistical data analysis. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. After taking Marketing Research, students are well prepared to design and carry out research to address business questions regarding problems and opportunities in upper level courses (MKT 419 and MGT 429)

- **MKT-320 Survey Design and Analysis**

Prerequisites:

MKT 210; STATS 250

Credits:

3.00

Description:

Surveys are ubiquitous in today's society. Almost weekly, we are asked to complete a survey, and the popular press continually reports results from surveys. To what extent are these surveys and the reporting of survey results flawed because of errors in survey methods? If you want to become a player in the survey game, how can you design and implement a survey that has the least amount of error? This course seeks to answer these questions. The field of survey methodology draws on theories and practices developed in several academic disciplines, including mathematics, statistics, psychology, sociology, computer science, and economics. To become an accomplished survey research professional, one must acquire a mastery of research literatures as well as experience in designing, conducting, and analyzing surveys. This course introduces students to a set of principles of survey design that are the basis of standard practices in the field. The course exposes the student to research literatures that use both observational and experimental methods to test key hypotheses about the nature of human behavior that affect the quality of survey data. In general, the major objectives of this course are to introduce students to the skills and resources needed to design and conduct a survey. The skills include identifying and developing specific survey objectives; designing survey studies, sampling respondents, developing reliable and valid self-administered questionnaires, and administering surveys. Specifically, students will learn via class readings, presentations, and group projects.

- **MKT-322 Marketing Analytics**

Prerequisites:

MKT-210 or MKT-H210 and MKT-220 or MKT-H220

Credits:

3.00

Description:

In this course, students will learn a digitally driven approach to marketing analytics, an exciting field undergoing explosive growth and high demand. An emphasis will be placed on the practical methods used to measure, manage and analyze consumer information. Topics covered will include making sense of the digital media landscape, demand forecasting and predictive analytics, performance evaluation, and Google Analytics. Upon graduation of this course, students will have gained a set of skills and certification that directly translates to modern marketing practices.

- **MKT-H322 Honors Marketing Analytics**

Prerequisites:

MKT-210 or MKT-H210 and MKT-220 or MKT-H220 and at least a 3.2 GPA

Credits:

3.00

Description:

In this course, students will learn a digitally driven approach to marketing analytics, an exciting field undergoing explosive growth and high demand. An emphasis will be placed on the practical methods used to measure, manage and analyze consumer information. Topics covered will include making sense of the digital media landscape, demand forecasting and predictive analytics, performance evaluation, and Google Analytics. Upon graduation of this course, students will have gained a set of skills and certification that directly translates to modern marketing practices.

- **MKT-324 Sports Marketing Research**

Prerequisites:

MKT 318

Credits:

3.00

Description:

This course uses the context of Sports Marketing to provide students with an opportunity to learn and demonstrate the fundamental market research skills necessary to implement the steps included in the market research process. Students will be given the opportunity to enhance both written and oral marketing communication skills as well develop an understanding of statistical analysis software (SPSS).

- **MKT-333 Global Social Innovation**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Recent work has begun to provide broad insight into the role and nature of innovation targeted at the 4 billion living in poverty in the global marketplace, also referred to as the bottom of the pyramid. These subsistence marketplaces have been described in terms of their size and accessibility, with brand conscious, connected customers willing to accept new technology. What is new here is a course that focuses on developing new ideas to improve the welfare of society, find new solutions of addressing old issues or set existing technology and knowledge into a new framework to deal with social objectives. Cases and a course project will be selected that cover different contexts across the globe covering advanced and developing economies, and covering markets that span the range of income levels. The course will address a number of issues, a few of which are listed as exemplars. provide students with an understanding of the relationship between societal welfare, marketing strategies and innovation. an understanding of marketing and business practices that are sustainable and work in harmony with, rather than in competition with societal development. an understanding of the leadership role marketing must play in creating sustainable innovation for of the future. An understanding of global issues of social innovation relating to products, processes, services, ideas, strategies. An opportunity to demonstrate how each element of the marketing mix can be adapted to implement global social innovation in the broader context of a firm's corporate strategy.

• MKT-419 Marketing Policies & Strategies

Prerequisites:

MKT-317 and MKT-220(may be taken concurrently) and at least 54 credits

Credits:

3.00

Description:

In this capstone course, marketing majors apply lessons learned across the curricula of the Marketing Department and Sawyer School. Students test their level of marketing knowledge by working to solve challenging integrated cases for developing marketing strategy and programs. In particular, students analyze both qualitative and quantitative information, evaluate alternative courses of action, and then make strategic recommendations for resolving the issues in each case. Prerequisites: MKT 210 or MKT H210, MKT 317, MKT 318, MKT 319, and Senior Standing.

• MKT-H419 Honors Marketing Policies & Strategies

Prerequisites:

MKT 210; MKT 317; MKT 318; MKT 319; 3.2 GPA; Senior standing

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this capstone course, marketing majors apply lessons learned across the curricula of the Marketing Department and Sawyer School. Students test their level of marketing knowledge by working to solve challenging integrated cases for developing marketing strategy and programs. In particular, students analyze both qualitative and quantitative information, evaluate alternative courses of action, and then make strategic recommendations for resolving the issues in each case.

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerrilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-421 Global Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-H421 Honors Global Marketing**

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-427 Supply Chain Management**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The purpose of this course is to explain the function and value of marketing channels and define the major channel types. This course will also explain the elementary legal aspects of channel promotion, pricing, delivery and integration systems as well as identify channel strategies. Prerequisite: MKT 210 or MKT H210 (Formerly MKT 310) and Junior Standing. 1 term - 3 credits.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

MKT 317; 3.2 GPA

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing**

Prerequisites:

MKT 210; 54 credits; 3.0 GPA;

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

- **MKT-436 Marketing for Nonprofit Organizations: Insights and Innovation**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course presents the principles of marketing, marketing strategy, and the marketing mix as applicable in a nonprofit settings. This course is directed toward specific Customer Service Marketing applications that have focused relevance to non-profit organizations. Special attention is given to marketing of services, customer service, development of marketing strategies, and sales to targeted markets. This course is designed to provide students with insight into the nuances associated with marketing activities design to support the efforts of Nonprofit Organizations' attempts to influence clients, constituents, volunteers, Board members and donors.

- **MKT-440 New Product Development**

Prerequisites:

MKT 210

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issued such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion (student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

- **MKT-442 Brand Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media has altered the landscape of business, communications, marketing, and society as a whole. While some social media like Wikipedia and Facebook have become part of the fabric of many consumers' lives, new media like Snapchat and Tumblr are emerging. This constantly evolving landscape offers businesses innovative ways for generating awareness, demand and revenue. In this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. Naturally, student projects, assignments, and other activities will use social media tools.

- **MKT-H444 Honors the Business of Digital Media**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Social media is transforming the way consumers work, play, and live and no one knows this better than you- the Millennial generation. But, what does this mean for business? The focus of this course is to understand the transformation of marketing practices as new social media challenge traditional

media. How do businesses use the new media to create deeper and more profitable relationships with consumers? What are the new measures and metrics for assessing marketing programs in this new environment? From this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. The course is constructed on the principle of the student as an active learner where the student takes the responsibility for their own learning and works collaboratively with peers assisting in their learning. Naturally, student projects, assignments, and other activities will use social media tools including wikis and blogs.

- **MKT-446 High Tech Marketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-H455 Honors Digital Marketing Challenges**

Prerequisites:

MKT 210; 3.2 GPA

Credits:

3.00

Description:

The foundational course in the digital marketing track this course focuses on the consumer of digital media and five big picture marketing strategy challenges confronting marketers in the new digital (mobile +social) marketing era. Challenge 1: Marketing to a smarter, more engaged, empowered consumer; Challenge 2: Marketing to a networked, collaborative, and more social consumer; Challenge 3: Marketing to a more distracted and fickle consumer; Challenge 4: Marketing to a unique, individual consumer; and Challenge 5: Marketing to prosumers or producer-consumers. The course takes on these big picture challenges thorough a deep engagement with and critical analysis of readings and cases. Given this focus the course demands thorough preparation for class and active engagement in the class discussion. The evaluation is assignment and project based.

- **MKT-466 Mobile Marketing: Reaching the Multi-Screen Consumer**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This new course in the digital marketing track focuses on how mobile device usage has completely changed the paradigm for companies in every industry. It will focus on the following four major areas: 1. consumer usage of mobile devices; 2. mobile-only companies and applications, 3. mobile hybrids - companies making a huge shift to mobile; and 4. mobile marketing and advertising. The course will rely heavily on discussion of real mobile business cases with lectures from leaders from inside the mobile industry. Evaluation will be based on assignments, class participation, and a group project.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

- **MKT-510 Directed Study**

Prerequisites:

MKT 210; Instructor's consent required

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **MKT-H510 Honors Directed Study**

Prerequisites:

MKT 310, instructor's consent

Credits:

1.00- 3.00

Description:

This elective course option involves a student initiated written proposal to a willing and appropriate full-time faculty member for a directed study project. Normally this is for three credits and completed during one semester. The faculty member and student must concur on a written proposal and final project. Approval by the Department Chair and the Dean is necessary prior to registration.

- **MKT-519 Integrated Marketing Research and Planning**

Prerequisites:

MKT-317 and MKT-419 and at least 84 credits completed.

Credits:

3.00

Description:

This course is designed to provide students with an opportunity to learn the role of research in marketing strategies. Working with client organization, the students will demonstrate the fundamental marketing research skills as they implement the steps included in the marketing research process to create a marketing plan that will provide recommended strategies for the organization. Real-life case studies on the role of marketing research in organizational decision making will also be discussed throughout the course.

- **MKT-520 Marketing Internship**

Prerequisites:

MKT 210; 3.0 GPA

Credits:

3.00

Description:

This course provides marketing majors or minors (junior status or higher) to apply marketing and business knowledge for problem solving in an organizational workplace setting. Students identify and organize their own internship position and particular project (depending on area of interest) with assistance from department staff, as needed. Projects will vary in scope and content and may include topics such as buyer behavior, customer satisfaction, service quality, e-marketing, and others. Students are expected to be on the job for approximately 8 hours per week during the course of the semester. Prerequisites: Minimum of 3.0 GPA; MKT 210 or MKT H210 (formerly MKT 310) AND JUNIOR STANDING and permission from instructor. 1 term - 3 credits.

- **MKT-H520 Honors Marketing Internship**

Prerequisites:

MKT 319; 3.2 GPA

Credits:

1.00- 3.00

Description:

The honors marketing internship provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

- **MKT-524 Global Marketing Consulting**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H524 Global Marketing Consulting**

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- MKT-H525 Honors Professional Marketing Consulting

Prerequisites:

MKT 319; 3.2 GPA

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

2014-2015 Archived Catalog Information

Public Service

The minor in Public Service prepares students for professional careers in all levels of government and the nonprofit sector.

The minor focuses on the knowledge and skills needed to become an effective manager and leader in the challenging environment of public service. A minor in public service is interdisciplinary, drawing upon the behavioral, social science, quantitative, administrative/management science, and related liberal arts disciplines. A close relationship exists between the undergraduate minor in public service and the Master of Public Administration offered by the Sawyer Business School. Thus, the minor provides a strong foundation for pursuing graduate education in public service.

The Suffolk University Institute for Public Service advances the public service mission of the Sawyer Business School. We support social responsibility and collaboration for the common good and seek to foster a public service spirit. For future leaders in government, health, nonprofit, and business organizations, we offer curriculum options designed to enhance the responsiveness, efficiency, and effectiveness of the operations and interactions of all the public service sectors. We adhere to the democratic values of inclusion, egalitarianism, and respect for diversity.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Courses](#)

Public Service Minor for Business Students, 3 courses, 9 credits

A student may choose to minor in Public Administration by completing 3 courses (9 credits)

Required Course:

- P.AD-310 Introduction to Public Service

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course introduces students to the field of public management; including government, non-profit, and health. Topics for discussion include the role of managers in publicly controlled bureaucracies, techniques for analyzing and participating in public policy making including decision making, policy formulation, strategic planning, and implementation.

Choose two courses from the following:

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Diverse Perspectives,BSBA SOCIAL CHANGE

- **P.AD-312 Managing Public Service Financial Resources**

Prerequisites:

ACCT 201; ACCT 202; Junior standing

Credits:

3.00

Description:

This course introduces the fundamentals of budgeting, financial management, and revenue systems in the public sector. Course goals include: A heightened awareness of the democratic ideals and value that must inform budgeting and financial management decisions, including a commitment to ethics, transparency and accountability; an understanding of the budget process and the distinctive features of budgetary decision making in the public sector; an understanding of the critical linkage between budgeting and financial management systems and the capacity of an organization to achieve its strategic goals; the ability to use the budget and financial reports as planning and management tools; knowledge of the basic principles of taxation as well as the structure and functions of federal, state, and local revenue systems. The course emphasizes knowledge and skills essential to the full range of public service careers.

- **P.AD-322 Organizational Change**

Prerequisites:

Junior standing

Credits:

3.00

Description:

Students explore small groups and organizational operations, practices, behaviors, and structure. They develop techniques for maximizing efficiency and/or effectiveness; evaluations analysis; concepts and applications of the Classicists; leadership; organizational development; and results-oriented management; as well as elements of reorganization, innovation, and change.

- **P.AD-325 Nonprofit Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

The primary focus will be on understanding the operational and strategic leadership aspects of managing mission driven, public service organizations. Specific emphasis will be placed on nonprofit corporations, including coursework that explores the legal, structural, and operational issues that are particular to such organizations.

- **P.AD-326 Public Service Information Based Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course demonstrates how issues, problems and questions surrounding public policies, program operations, and administrative systems can be structured as hypotheses and made amenable to resolution through the application of social science research techniques. The elements of research design such as surveys, true experiments, quasi-experiments, case studies and non-experimental studies are described, as well as sampling techniques and descriptive statistics. Ethical issues related to employment of these methods in the policy making process are also explored. The course content is presented as a way to reduce managerial uncertainty regarding alternative courses of action.

- **P.AD-361 Public Service Human Resource Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will explore complex issues in public and non-profit human resource management (HRM) by examining policies and practices that support and enhance the value and contribution of individuals in these organizations.

- **P.AD-553 Climbing the Corporate Ladder: Serving On Nonprofit Boards**

Credits:

1.00

Description:

Business leaders who wish to climb to the top of their companies need to have developed a philanthropic resume along the way. Serving on nonprofit Boards of Directors is one way to develop that resume. Learn about what nonprofit organizations do, what role the Board of Directors plays in their operation, and what your responsibilities would be as a member of their Board.

Students may use PAD 201 Social Change as a minor requirement if it has not been counted toward any other BSBA requirement.

Public Service Minor for College of Arts & Sciences Students, 3 courses, 9 credits

College of Arts & Sciences students may undertake a public service minor when they have achieved junior standing and have completed:

Required course:

- **P.AD-310 Introduction to Public Service**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course introduces students to the field of public management; including government, non-profit, and health. Topics for discussion include the role of managers in publicly controlled bureaucracies, techniques for analyzing and participating in public policy making including decision making, policy formulation, strategic planning, and implementation.

Choose two courses from the following:

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Diverse Perspectives,BSBA SOCIAL CHANGE

- **P.AD-312 Managing Public Service Financial Resources**

Prerequisites:

ACCT 201; ACCT 202; Junior standing

Credits:

3.00

Description:

This course introduces the fundamentals of budgeting, financial management, and revenue systems in the public sector. Course goals include: A heightened awareness of the democratic ideals and value that must inform budgeting and financial management decisions, including a commitment to ethics, transparency and accountability; an understanding of the budget process and the distinctive features of budgetary decision making in the public sector; an understanding of the critical linkage between budgeting and financial management systems and the capacity of an organization to achieve its strategic goals; the ability to use the budget and financial reports as planning and management tools; knowledge of the basic principles of taxation as well as the structure and functions of federal, state, and local revenue systems. The course emphasizes knowledge and skills essential to the full range of public service careers.

- **P.AD-322 Organizational Change**

Prerequisites:

Junior standing

Credits:

3.00

Description:

Students explore small groups and organizational operations, practices, behaviors, and structure. They develop techniques for maximizing efficiency and/or effectiveness; evaluations analysis; concepts and applications of the Classicists; leadership; organizational development; and results-oriented management; as well as elements of reorganization, innovation, and change.

- **P.AD-325 Nonprofit Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

The primary focus will be on understanding the operational and strategic leadership aspects of managing mission driven, public service organizations. Specific emphasis will be placed on nonprofit corporations, including coursework that explores the legal, structural, and operational issues that are particular to such organizations.

- **P.AD-326 Public Service Information Based Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course demonstrates how issues, problems and questions surrounding public policies, program operations, and administrative systems can be structured as hypotheses and made amendable to resolution through the application of social science research techniques. The elements of research design such as surveys, true experiments, quasi-experiments, case studies and non-experimental studies are described, as well as sampling techniques and descriptive statistics. Ethical issues related to employment of these methods in the policy making process are also explored. The course content is presented as a way to reduce managerial uncertainty regarding alternative courses of action.

- **P.AD-361 Public Service Human Resource Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will explore complex issues in public and non-profit human resource management (HRM) by examining policies and practices that support and enhance the value and contribution of individuals in these organizations.

- **P.AD-553 Climbing the Corporate Ladder: Serving On Nonprofit Boards**

Credits:

1.00

Description:

Business leaders who wish to climb to the top of their companies need to have developed a philanthropic resume along the way. Serving on nonprofit Boards of Directors is one way to develop that resume. Learn about what nonprofit organizations do, what role the Board of Directors plays in their operation, and what your responsibilities would be as a member of their Board.

Accelerated BSBA and MPA (full-time study)

Public service minor students may waive up to four courses (12 credits) if accepted into the Suffolk Master of Public Administration program. This enables a student to complete both the undergraduate and graduate degrees in only five years of full-time study. In order to waive courses, undergraduates must register for sections cross-listed with graduate level courses and earn a B grade or better.

For more information or any questions contact:

Brendan Burke, Ph.D., Associate Professor & Chair bburke@suffolk.edu, 617-305-1992.

Leann Baldwin, associate director, Institute for Public Service mpa@suffolk.edu, 617-994-4273.

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Public Service

The minor in Public Service prepares students for professional careers in all levels of government and the nonprofit sector.

The minor focuses on the knowledge and skills needed to become an effective manager and leader in the challenging environment of public service. A minor in public service is interdisciplinary, drawing upon the behavioral, social science, quantitative, administrative/management science, and related liberal arts disciplines. A close relationship exists between the undergraduate minor in public service and the Master of Public Administration offered by the Sawyer Business School. Thus, the minor provides a strong foundation for pursuing graduate education in public service.

The Suffolk University Institute for Public Service advances the public service mission of the Sawyer Business School. We support social responsibility and collaboration for the common good and seek to foster a public service spirit. For future leaders in government, health, nonprofit, and business organizations, we offer curriculum options designed to enhance the responsiveness, efficiency, and effectiveness of the operations and interactions of all the public service sectors. We adhere to the democratic values of inclusion, egalitarianism, and respect for diversity.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Courses](#)

- P.AD-201 Social Change

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

- **P.AD-H201 Honors Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Diverse Perspectives,BSBA SOCIAL CHANGE

- **P.AD-310 Introduction to Public Service**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course introduces students to the field of public management; including government, non-profit, and health. Topics for discussion include the role of managers in publicly controlled bureaucracies, techniques for analyzing and participating in public policy making including decision making, policy formulation, strategic planning, and implementation.

- **P.AD-312 Managing Public Service Financial Resources**

Prerequisites:

ACCT 201; ACCT 202; Junior standing

Credits:

3.00

Description:

This course introduces the fundamentals of budgeting, financial management, and revenue systems in the public sector. Course goals include: A heightened awareness of the democratic ideals and value that must inform budgeting and financial management decisions, including a commitment to ethics, transparency and accountability; an understanding of the budget process and the distinctive features of budgetary decision making in the public sector; an understanding of the critical linkage between budgeting and financial management systems and the capacity of an organization to achieve its strategic goals; the ability to use the budget and financial reports as planning and management tools; knowledge of the basic principles of taxation as well as the structure and functions of federal, state, and local revenue systems. The course emphasizes knowledge and skills essential to the full range of public service careers.

- **P.AD-321 Foundations of Pub Organ Admin**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course provides an overview of public administration and service and serves as the basis for advanced studies in the MPA program. This course covers the structure, functions, and processes of public service organizations at various levels, including governments and nonprofit organizations. Students explore historical trends, ethical considerations, and political rationale for the present operations of public service.

- **P.AD-322 Organizational Change**

Prerequisites:

Junior standing

Credits:

3.00

Description:

Students explore small groups and organizational operations, practices, behaviors, and structure. They develop techniques for maximizing efficiency and/or effectiveness; evaluations analysis; concepts and applications of the Classicists; leadership; organizational development; and results-oriented management; as well as elements of reorganization, innovation, and change.

• P.AD-323 Quantitative Analysis

Prerequisites:

MATH 128 or higher; STATS 240 or STATS 250; Junior standing

Credits:

3.00

Description:

Quantitative analysis introduces basic statistical techniques used to analyze and draw conclusions from citizen and client surveys; program and policy evaluations; and performance and operations data. These techniques include chi square, lambda, gamma, correlations, analysis of variance, t test correlation, and multivariate regression. Knowledge of these statistical techniques empowers managers by giving them the ability to evaluate the work of consultants, access the policy and management of literature, and analyze data using the analytical tools available in commonly used statistical software, such as Microsoft Excel and the Statistical Package for the Social Sciences (SPSS).

• P.AD-324 Public Sector Administrative Law

Prerequisites:

BLE 214 or GVT 110; Junior Standing

Credits:

3.00

Description:

Students review the basis for administrative practice. They learn legal interpretation of statutes, regulations, and proposed legislation that impact public administration and public policy.

- **P.AD-325 Nonprofit Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

The primary focus will be on understanding the operational and strategic leadership aspects of managing mission driven, public service organizations. Specific emphasis will be placed on nonprofit corporations, including coursework that explores the legal, structural, and operational issues that are particular to such organizations.

- **P.AD-326 Public Service Information Based Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course demonstrates how issues, problems and questions surrounding public policies, program operations, and administrative systems can be structured as hypotheses and made amendable to resolution through the application of social science research techniques. The elements of research design such as surveys, true experiments, quasi-experiments, case studies and non-experimental studies are described, as well as sampling techniques and descriptive statistics. Ethical issues related to employment of these methods in the policy making process are also explored. The course content is presented as a way to reduce managerial uncertainty regarding alternative courses of action.

- **P.AD-361 Public Service Human Resource Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will explore complex issues in public and non-profit human resource management (HRM) by examining policies and practices that support and enhance the value and contribution of individuals in these organizations.

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

SIB 101 or HST 149 or HST 150 or Instructor permission

Credits:

3.00

Description:

Global health, global poverty, and global warming are three interrelated issues that are creating a perfect storm of crises worldwide with major impacts on the United States. This course is an overview of the problems - the needs, systems, programs, and financing. We will look critically at policies in these areas and discuss what needs to be done to address them. Students will write a major paper on an issue of their choice.

- **P.AD-410 Public Service Internship**

Prerequisites:

Junior standing, and permission of instructor.

Credits:

3.00

Description:

The Public Service Internship provides work experience for minors; allowing them to bridge the gap between education and practice. It includes approximately 150 hours of work in a government, non-profit, or health care organization on a specific project of importance to the host organization.

- **P.AD-510 Public Admin. Ind. Study**

Prerequisites:

Junior standing, instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **P.AD-553 Climbing the Corporate Ladder: Serving On Nonprofit Boards**

Credits:

1.00

Description:

Business leaders who wish to climb to the top of their companies need to have developed a philanthropic resume along the way. Serving on nonprofit Boards of Directors is one way to develop that resume. Learn about what nonprofit organizations do, what role the Board of Directors plays in their operation, and what your responsibilities would be as a member of their Board.

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Honors Program

Sawyer Business School Honors Program

The Sawyer Business School Honors Program offers BSBA students with exceptional academic promise and motivation a unique program that provides innovative challenges.

Honors curricula include honors sections of required courses in the business core and certain general education requirements. These and other honors courses allow students to customize their academic experience, and include:

- Business Core requirements
- Major electives (varies)
- General Education requirements (varies)
- Special topics courses
- Honors track within marketing major
- Challenge courses
- Internships
- Independent study

A host of co-curricular experiences are offered each year. Academic and social events promote leadership and involvement while rounding out a strong educational foundation. Honors students participate in case competitions, service projects, career development programs, and social events as well as plan and lead such initiatives to meet their own needs. Students are also encouraged to consider Suffolk's Alternative Spring Break, and study abroad programs. Juniors and seniors are encouraged to take a global travel seminar. Incoming freshmen planning to live on campus may also apply through Residential Life and Housing to be a part of the Honors Living Learning Community (LLC). The Honors LLC provides new honors students an opportunity to ease their transition to the university by residing in a community of their peers where they have access to out-of-class learning, peer mentoring, study groups, and social events.

The Honors Program also features outstanding mentoring and recognition events from orientation through graduation. The annual Alumni Networking Event connects students to our very active alumni group. Students develop robust networks both within and outside of the Business School through interaction with local executives and alumni, gain career advice, internship leads and even job offers. Other benefits of the Honors Program include early registration, priority consideration for campus housing, and social and career programs each semester.

Numerous honors scholarships and other merit-and need-based funding are available through the Office of Student Financial Services. Incoming freshmen who are invited into the Honors Program in the fall receive this information along with their Honors Program offer letter. Spring semester admission typically comes with limited financial aid resources due to the timing in the financial aid cycle. Students entering in the spring semester or continuing students who are invited into the Honors Program should discuss scholarships and financial aid with their assigned financial aid counselor.

Entry requirements for new students:

To be considered for the Business School Honors Program, entering new freshmen and new transfer students must meet two of the following criteria. For more information on the application materials and process, please contact the Office of Undergraduate Admission at 617-573-8460.

- Academic GPA minimum of 3.75
- High school class rank within upper 15%
- SAT scores of 1850
- ACT scores of 28
- TOEFL scores of 100 if Internet based or 600 if Paper based

Entry requirements for continuing students:

Continuing students with a college GPA of 3.5 who have completed 30 credits of coursework at Suffolk (but not more than 44 credits) may submit an application to the Honors Program available through the Business School's Honors Program Office. Students will be considered on a case-by-case basis.

Program requirements:

Academic requirements for Honors Students in Sawyer Business School include:

- completing a minimum of 25% of coursework in honors sections
- completing ENT H101 Honors Business Foundations
- completing SIB H429 Honors Strategic Management (the BSBA capstone)
- taking a minimum of 3 credits of challenge courses*
- maintaining a minimum cumulative GPA of 3.5

Freshmen who enroll at Suffolk's Madrid campus will have options for honors courses and/or faculty who will work with students to create honors alternatives that meet the program requirements.

*Note: a total of six credits of Challenge Courses may be used to fulfill a maximum of two free elective courses in the program of study.

Honors students must be in good standing at the university with no disciplinary actions against them.

The failure of one course will result in program dismissal.

The above requirements must be met for students to graduate with the Honors Program designation on their transcript. Students who do not maintain the minimum required GPA will be placed on program probation for a semester and be required to meet with their advisor and program director. In extreme cases students will no longer be eligible to participate in the program. The subsequent semesters' GPA of honors students on program probation must be 3.5 or greater to remain in the program while working to regain the overall program GPA. If this is not mathematically possible within two semesters, the student will no longer be eligible to participate in the program.

Honors Courses

Any student who meets the GPA minimum for a course may sign up for that course through the normal registration system. Most honors courses have a 3.3 GPA requirement.

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Honor Societies

Beta Alpha Psi

Beta Alpha Psi is a national honor society and professional accounting fraternity that recognizes outstanding academic achievements in the field of accounting, promotes the study and practice of accounting, and provides leadership and social/networking opportunities for members and practicing accountants. The activities of this Chapter strongly emphasize the Business School's mission and role in developing student leaders who will excel in the accounting profession.

Active leadership by the Accounting Faculty in Beta Alpha Psi has strengthened students' professional experience and reputation in the community. Student members of Beta Alpha Psi participate in professional meetings, career presentations and field trips to learn real-world, current accounting practices, and to prepare for on-campus recruiting and job interviews.

The Suffolk Chapter of Beta Alpha Psi has received national awards (Distinguished Chapter in 1999) and has been recognized as a Superior Chapter for the last five years. Our substantial community service contribution is recognized in chapter awards. Students have participated in National Case Study Competitions since 1998. Ongoing participation by faculty and other interested parties has resulted in increased on-campus recruiting by the major accounting firms, several large regional and local accounting firms as well as major consulting firms.

Beta Gamma Sigma

This national honor society recognizes business and management undergraduate and graduate students in the top 5 percent of the junior class, upper 10 percent of the senior class, or upper 20 percent of the master's class. Beta Gamma Sigma is the national honor society for business and management, and this recognition is only given to students who attend AACSB International-accredited schools.

The purpose of Beta Gamma Sigma is to encourage and reward scholarship, to promote the advancement of high quality education in business, to provide networking opportunities for members and to foster integrity in the conduct of business operations.

Financial Management Association

The Financial Management Association is a national organization that rewards scholarship and achievement by undergraduate and graduate students majoring in finance through its National Honor Society. Undergraduate finance majors must have earned 61 credit hours and achieved an overall cumulative grade point average of 3.3 or higher, and completed at least three designated finance courses. Selection for this Honor Society is during the first month of the fall and spring semesters each year.

Sigma Nu Tau

This national honor society promotes, recognizes, and rewards academic excellence in entrepreneurship. It encourages the practice of principled entrepreneurship, expecting high ethical standards, honor, and integrity of its members. It offers networking opportunities for entrepreneurship students with peers and successful entrepreneurs.

To be eligible, entrepreneurship majors must have a 3.2 GPA and junior or senior standing. Graduate students who have completed 50% of their graduate coursework and have a 3.5 GPA are also eligible. Candidates must demonstrate honor, integrity, and a strong entrepreneurial spirit and model principled entrepreneurship.

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Global Travel Seminars

Led by Sawyer Business School faculty, the Global Travel Seminars take students for short-term visits to business centers around the world. These courses provide students with an opportunity to connect classroom learning with real-world experiences through international business exposure. Each seminar is uniquely crafted by the faculty leader of the course. While no two seminars are exactly alike, each consists of a similar structure in terms of the academic, travel, and cost components:

Academic Component

- 3 credit international business elective
- 3 pre-travel classes, designed to provide a foundation of knowledge about the destination
- 1 post-travel class: final assignments vary, depending on faculty leader and location
- Offered each academic year
- Sophomore standing or higher

Travel Component

- 7-10 days of travel
- 4-6 businesses provide an overview of the business culture. The trip includes visits ranging from large multinationals to small, entrepreneurial firms
- 3-4 cultural activities ranging from city tours, group dinners to theater performances

Cost Component

- Tuition for 3 credits (for full-time students, this can be part of the 12-17 semester credits)
- Flight
- Seminar fee, includes:
 - Hotel accommodations
 - Ground transportation
 - Some meals

- English speaking tour guide
- Cultural activities
- Business programming