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### Suffolk University Academic Catalog, College Departments, 1976-1977

Suffolk University

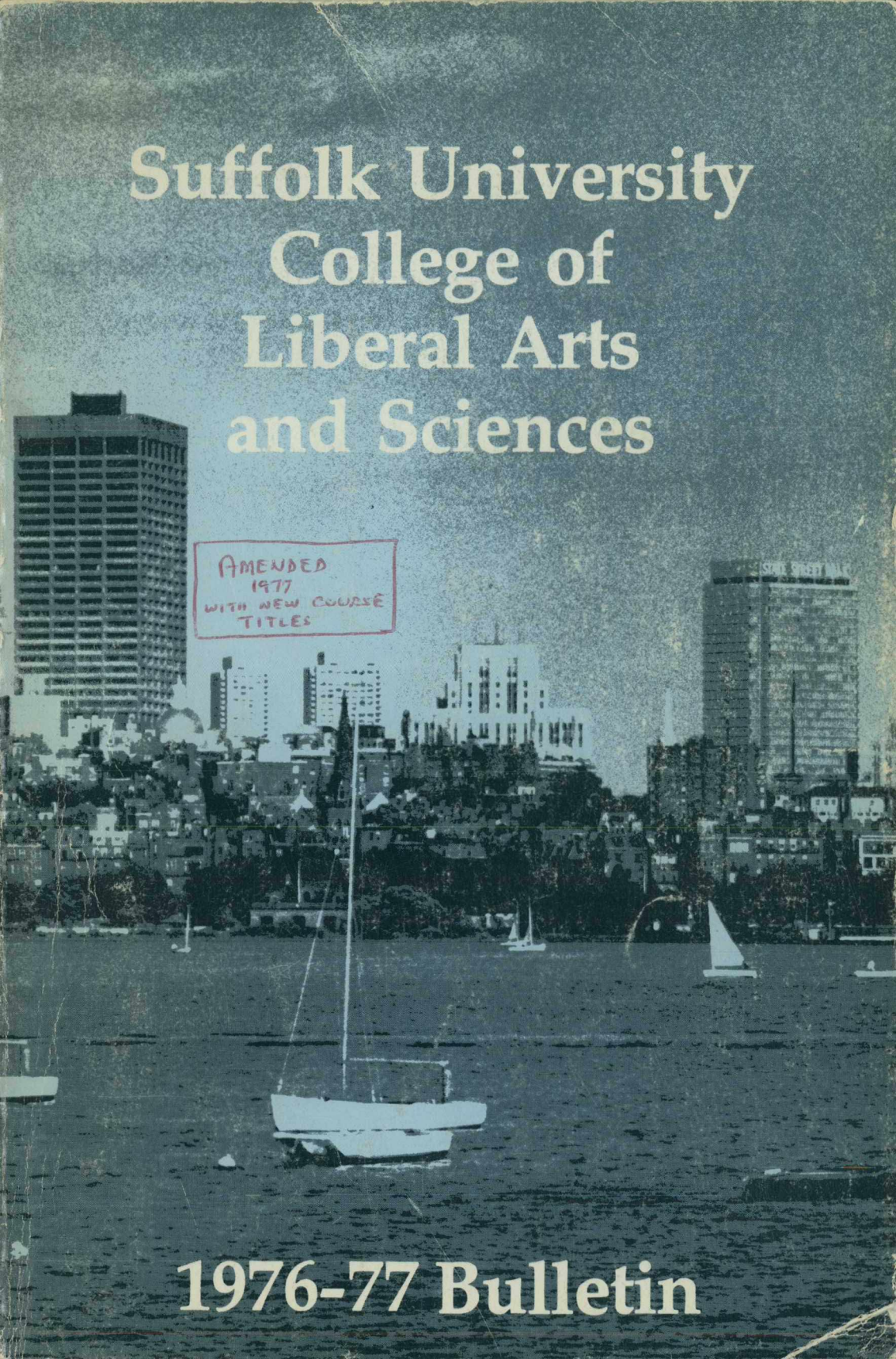
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# Suffolk University College of Liberal Arts and Sciences

AMENDED  
1977  
WITH NEW COURSE  
TITLES

## 1976-77 Bulletin



## Colleges and Divisions

### College of Liberal Arts and Sciences

Degrees: A.B., B.S., B.S. in J.

### College of Business Administration

Degree: B.S. in B.A.

### Graduate School of Administration

Degree: M.B.A., M.P.A.

### Graduate Department of Education

Degrees: A.M. in Education, Ed.M., M.S. in Business Education, M.S. in Counselor Education

### Evening Division

Degrees: A.B., B.S. in B.A., B.S. in General Studies, B.S. in Journalism, Associate Degrees in Arts or Science, or Business Administration; A.M. in Ed., Ed.M., M.S. in Business Education; M.S. in Counselor Education; M.B.A., M.P.A.

### Summer Sessions

Day and evening undergraduate and graduate courses.

### School of Law

Day and Evening Sessions — Degrees: J.D., and LL.M.

## SUFFOLK UNIVERSITY BULLETIN

### College Catalog Issue

July, 1976  
Volume LXX

Boston, Massachusetts  
Number 2

The *Suffolk University Bulletin* is published six times a year as follows:

No. 1 February	<i>College Summer Session</i>
No. 2 July 1	<i>College of Liberal Arts &amp; Sciences Catalogue Issue</i>
No. 4 July 15	<i>College of Business Administration and</i>
No. 5 August	<i>Graduate School of Administration Catalogue Issue</i>
No. 4 August 15	<i>College Evening Bulletin (Fall)</i>
No. 5 August 20	<i>College Entrance Information</i>
No. 6 November	<i>College Evening Bulletin (Spring)</i>

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Beacon Hill, Boston, Massachusetts 02114.

Phone 723-4700

*John C. Cavanaugh*

# **SUFFOLK UNIVERSITY**

**College of Liberal Arts and Sciences**

**1976-1978**

41 Temple St., Beacon Hill, Boston, Massachusetts 02114  
(617) 723-4700





Amend my  
catalog at school:

2.15-2.16 Hist. of Business in the \*  
West. World

3.25 Women in Eur. Hist.

3.26 Women in the Modern  
World: History of Feminism

4.15 Modern South Africa

\* ADD to catalog



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# Suffolk University

Suffolk University is a private, urban, co-educational institution located on historic Beacon Hill in Boston, Massachusetts. It was founded in 1906 when the Suffolk Law School — now one of the nation's largest — was established. Further development of the University came in 1934 when the College of Liberal Arts first offered courses for undergraduates. Rapid growth followed with the establishment of the College of Business Administration in 1937. In April 1937 the Law School and the Colleges were incorporated into Suffolk University by the action of the Massachusetts legislature.

The enrollment of the University in 1975-76 consisted of 6,620 men and women. Of this total, 2,453 were enrolled in the College of Liberal Arts and Sciences and 2,271 in the College of Business Administration and Graduate School of Administration. The Colleges offer to both day and evening students programs that lead to associate's, bachelor's, and master's degrees.

The University buildings are located close to the Massachusetts State House and near the area of the "New Boston" Government Center. In September, 1966 Suffolk University dedicated a new air-conditioned complex, the Frank J. Donahue Building, and in October, 1975 dedicated an additional six story multi-purpose center, the John E. Fenton Building. These facilities along with the Archer, Mount Vernon Street, and Ridgeway Lane Buildings provide modern space for laboratories, libraries, classrooms, cafeteria, and offices for faculty, administration and student activities.

Since the University is primarily an urban institution with a substantial proportion of commuting students, it does not have dormitory facilities. However, many of those enrolled come from out-of-state and foreign

countries. These students and those who do not live at home, should be prepared to make their own arrangements for locating suitable living accommodations in the Boston area. The University assumes no responsibility for finding these accommodations.

Over the seventy year history of Suffolk University, the quality of its faculties and the success of its graduates have gained wide recognition. Men and women educated at this University have become judges, mayors, legislators, teachers in schools and universities, journalists, lawyers, doctors, businessmen and women, accountants, scientists, and social workers. In every professional and commercial field, they are making significant contributions to American society.

## PHILOSOPHY

*"Human progress depends on a double advance — increase in knowledge and the discovering of higher values."*

Suffolk University believes in liberal education for all students, regardless of their special academic and vocational interests. The faculty hopes to develop in its students an awareness and understanding of those values which are basic to civilization. The University believes that its highest purpose should be to provide an environment in which each individual can become acquainted with many branches of knowledge, can gain insight into the problems of human behavior, and can develop flexibility of mind. Creative thinking requires free access to information and freedom to interpret, evaluate and extend ideas and to communicate them to others. To the advancement of these ends, freedom of research and teaching are fundamental.

The opportunity to acquire a liberal education should be available to each person in a democratic society without regard to race, creed, religion, national origin, sex, age or economic status, but consistent with the student's ability to maintain required academic standards. The University is deeply concerned with its role in the development of civic responsibility in students, and attempts to provide through its curriculum the means to achieve this goal.

Suffolk is like many other universities in its emphasis on the classroom, the library, and the laboratory. Its major contribution to higher education is that it makes available to students in a metropolitan area some of the benefits of a small college. An attempt is made to create an educational setting within an urban area which stimulates a degree of intimacy in student-to-student relationships and student-faculty relationships conducive to the greatest possible exchange of ideas.



## **ACCREDITATION AND MEMBERSHIPS**

Suffolk is accredited by or holds membership in the American Association of Colleges for Teacher Education, American Association of Collegiate Schools of Business Assembly, American Chemical Society, American Council on Education, Association of American Colleges, Association of Independent Colleges and Universities in Massachusetts, Association of University Evening Colleges, Boston Museum of Science, Children's Museum Resource Center, New England Aquarium, College Entrance Examination Board, College Scholarship Service, International Association of Counseling Services, National Association of College Summer Sessions, the New England Association of Schools and Colleges, and the National Association of Schools of Public Affairs and Administration. The undergraduate curriculum in accounting is registered by the State of New York. Specified programs in Education have been approved by the State Department of Education for inclusion in the reciprocity privileges of the Interstate Certification Compact.





# Admissions

*Suffolk University does not discriminate on the basis of race, color, religion, sex, national origin, age, marital or parental status in its admissions policies and in the administration and operation of all its programs and activities.*

Students may apply for day or evening admission to Suffolk University for the Fall, Spring, or Summer sessions.

**Freshmen** — The Admissions Committee judges freshmen applicants based on a successful high school college preparatory program. A rigid pattern of college subjects is not required. Consideration is given to the quality of the high school subjects, class rank, recommendation of the high school counselor, the college Board scores, and other pertinent information. Suffolk uses rolling admissions. Early decisions are given when there is evidence of three years of highly successful college preparatory study and above-average SAT's (Junior scores).

**Transfers** — Transfer applicants are accepted based on successful work at accredited two-year colleges, four-year colleges, or other institutions of collegiate rank. The last thirty hours in any bachelor's degree program must normally be earned at Suffolk.

Credit shall be allowed for "D" grades if a transfer student attended a regionally accredited institution and if his overall average is 2.0 or better.

If the transfer student has attended more than one institution, this policy shall be valid for each respective accredited institution, rather than collectively.



The Admissions and Retention Committee will, in concert with individual academic departments, review all accepted "D" grades and recommend appropriate academic measures, such as taking specified alternative or additional courses; and taking aptitude, interest, and academic achievement testing.

**Graduate Students** — Refer to Graduate Section of Bulletin for admission information.

**Advanced Placement** — College credit may be awarded for College Board Advanced Placement Tests taken in high school. Six semester hours are awarded for each test successfully completed.

**College Level Examination Placement Tests (CLEP)** — A maximum of 60 semester hours of credit may be awarded for the results of the CLEP tests. A maximum of thirty semester hours may be awarded for the five tests in the General Examination. The other thirty hours may be awarded for subject tests. The CLEP Test is administered by the College Board. In order to ensure that test scores are received in time for graduation, students should take the tests prior to the last semester of their senior year.

**Communication Process** — Selected Freshman students will be required to take Communication Process, Eng. 1.5 (three semester hours credit) and Writing Skills, Eng. 1.0 (three semester hours credit). These courses have been developed in an effort to help students improve their study and verbal skills so that they will more effectively attain their academic potentials while at Suffolk University. Students who wish to select this course may do so with the consent of the instructor.

**Evening Degree Students** — Applicants for degree status in the Evening Division are expected to meet the same requirements as day students. An Equivalency Certificate issued by any State Department of Education may be used in lieu of a high school diploma.

**Special Evening Students** — Special Evening students may apply credit earned at Suffolk towards a degree. Special students are only required to submit a special student application found in the Evening Division Bulletins. The Graduate School of Administration does not admit special students in the MBA program.

**Senior Citizens** — Senior citizens (65 or over) may take tuition-free undergraduate courses at Suffolk on a space-available basis. Applicants should consult the Admissions Office for enrollment procedures.

**Satellite Programs for Military Personnel** — Suffolk University offers courses for members of the United States Armed Forces at the Boston Army

Base and other on-site locations. These courses are scheduled evenings during four eleven-week terms. Credit earned through the Satellite Program are applicable to the Associate and Bachelor degrees.

**Continuing Education** — Men and women who have delayed or interrupted their education may take day or evening courses either as special non-degree students or as degree candidates. While most continuing education students attend evenings, those with family responsibilities or who work nights have the opportunity to attend days on either a part-time or full-time basis. Applicants should consult the Admissions Office for enrollment procedures. A wide range of advisory and supportive services is available to Continuing Education students.

**International Students** — A special information sheet is available for international students. The application deadline for the Fall Semester is March 1. All credentials must be received by April 15.

International students applying for the Spring Semester (January) must apply by October 1. All credentials must be received by November 15.

Students may be required to take Eng. 1.3, English as a Second Language, prior to taking Eng. 1.1 or 1.2, if a language deficiency exists as determined through testing by the English Department.

**Re-Admission to Suffolk** — Students re-entering Suffolk after an absence of one semester or more should request a special re-entry form from the Admissions Office.

**Notification of Acceptance** — Applicants are notified of the Admission Committee's decision as soon as all required credentials are received.

**Housing** — Suffolk University does not have dormitories. Students must make private arrangements for housing.

**Associate Degrees** — The Associate degrees in liberal arts, science, and general studies will be granted to those students who have satisfactorily completed 62 semester hours in the prescribed curricula. The candidate for this degree must present a request in writing to the Registrar at the beginning of the final semester. At least thirty semester hours toward the degree must be earned at Suffolk University.

**Office Hours — Admissions** — Monday through Friday, 8:45 a.m. to 4:45 p.m. Telephone: 723-4700.

Applications for admission may be obtained by writing to the Admissions Office.



# Finances and Student Aid

## TUITION

Tuition charges are based on (1) the number of courses carried and on (2) whether the course is in the undergraduate or graduate program. A full-time course load consists of either four or five courses.

### **Full-Time Course Load** (4 to 5 courses per term)

Undergraduate courses	\$1,850. per year
Graduate courses	\$1,900. per year

### **Part-Time Course Load** (1 to 3 courses per term)

Undergraduate courses	\$185. per 3 credit course
Graduate courses	\$190. per 3 credit course

### **Extension Courses, Summer Courses and Excess Courses** (6th course)

Undergraduate courses	\$185. per 3 credit course
Graduate courses	\$190. per 3 credit course

### **Courses Other Than 3 Credit Courses**

Undergraduate courses	\$60. per semester hour
Graduate courses	\$65. per semester hour

All tuition charges are subject to change by action of the Board of Trustees. Any such change may be made applicable to students already enrolled in the University.

Checks should be made payable to Suffolk University.

**Tuition Payment Plans** — While the tuition and fees for each semester are due at the time of registration, students who find it necessary may arrange to pay on a deferred payment basis under Payment Plan 2. It must be clearly understood, however, that *each student who registers is obligated for the tuition charges of the full semester*, even though in approved emergencies the stu-

dent's tuition liability may be reduced as described on page 15. There are two payment plans available:

Plan 1: *One payment* of all charges (for full semester) at time of registration for each semester. Students carrying only one course must use this plan.

Plan 2: *Two payments* — one half at time of registration; one half in sixty days. (*Limited to students carrying two or more courses.*)

A service charge of \$5.00 per semester is added to the tuition bill under Plan 2.

In the event that the second installment under Plan 2 is not paid on time, a \$10 Late Payment Fee is charged.

If a student does not pay tuition or fees as required according to the regulations published in the *Bulletin* and in Registration Information, or make satisfactory arrangements for such payment with the treasurer or bursar, he or she will be dismissed immediately from the University.

No other provision is made for installment payment, whether monthly, quarterly or otherwise, directly with the University. Parents or students who wish to make such arrangements should do so with a bank or other commercial firm that handles such financing.

Many states have a bank guarantee program for long-term, low-interest education loans. Parents should investigate and evaluate the different programs before committing themselves to a particular repayment schedule. Whenever required, the University will be happy to cooperate with parents in arranging for loans with these outside institutions.

**Summer Session Tuition** — The 1976 Summer Session rate will be \$160 per 3-semester hour course and \$215 per 4-semester hour course. In 1977, summer tuition will be \$185 per 3-semester hour undergraduate course, and \$190 per 3-semester hour graduate course.

All summer session students who take one course will pay their tuition in full, plus Laboratory fees if any, at the time of registration.

All "regularly enrolled students" of Suffolk may use the Deferred Payment Plan if they are taking two or more courses. A "regularly enrolled student" is one who was enrolled in the preceding academic year or who has been accepted for admission to the fall semester that immediately follows the summer session.

All students who are not "regularly enrolled students," as defined above, are required to pay the full tuition for the summer session in which they register.





ceremony and, if attending, must pay the full graduation fee of \$25. This fee, together with any other unpaid balance, must be paid when the application for degree is filed.

**Transcript of Record** — Students may obtain certified transcripts of their college record from the Registrar's Office. There is no charge for the first transcript. A charge of \$1 is made for the second copy and for subsequent copies not ordered at the same time. In the event that several transcripts are ordered at one time, a charge of \$1 will be made for the second copy and of \$.50 each for additional copies. Requests for transcripts should be made in writing at least one week in advance of the date on which a transcript is desired. No transcript will be issued until the transcript fee has been paid. The University reserves the right to refuse to issue a transcript of the record of any student who has not fulfilled all financial obligations due the University.

No transcript requests will be honored during the registration periods. Requests must be made in writing or by coming to the Registrar's Office in person. No telephone requests will be honored.

**Late Registration Fee** — A fee of \$10 is charged to any student who registers after the closing date announced in the University Calendar for registration in any semester or summer session.

**Change of Course Fee** — No fee is charged for adding, dropping, or changing a course within the first two weeks of a term. Students who wish to add, drop, or change a course during the first two weeks of a term must obtain the permission and signatures of the instructors of the affected courses and the chairperson of their major department (evening students may obtain the signature of the dean of the appropriate college in lieu of the chairperson.)

Normally, courses may not be added or changed after the second week and, under no circumstances, after the fourth week. Students who wish to add, drop, or change a course after the first two weeks of a term must obtain the permission and signatures of the instructors of the affected courses and the Dean of Students. A \$5 fee is charged for each course change after the first two weeks of a term.

**Tuition Liability** — Students who are obliged to withdraw from the university or to drop courses before the end of the fourth week of the fall or spring term may, on approval of the Dean of Students and the Bursar, receive a reduction of their tuition liability according to the following schedule:



**Withdrawal Notice or Drop Form filed  
and approved within:**

**Student is liable for:**

Two weeks of opening of term	20%
Three weeks of opening of term	50%
Four weeks of opening of term	75%
After four weeks of opening of term	100%

All adjustments in the student's tuition liability will be based on the date on which the Withdrawal Form or Drop Form is **received** by the Accounting Office. The Summer Session Tuition Liability is published separately.

The tuition deposit of entering full-time students is non-refundable.

## **FINANCIAL ASSISTANCE**

**Scholarships** — Throughout the history of Suffolk University it has been the general policy to encourage and foster education for students of limited means. This has been made possible through bequests, grants, and gifts, from members of the faculty, trustees, alumni, and friends of the college. Funds for scholarships, student assistantships, work-study jobs on and off campus, and loans total \$800,000 per year. Approximately one-third of our students received financial aid during 1975-1976.

The Dean of Students administers scholarships and other forms of financial assistance. Entering students desirous of applying for financial assistance must follow all steps outlined under Admissions Procedures in addition to filing a Suffolk University Financial Assistance application and the Parents' Confidential Statement (with the Dean of Students Office) by March 1. Financial assistance decisions are made shortly before the deposit deadline. Eligibility for financial assistance is determined by submitting the Parents' Confidential Statement to the College Scholarship Service, P.O. Box 176, Princeton, New Jersey 08540 for processing and forwarding to the Dean of Students office.

Specific scholarships include:

Daniel Bloomfield Scholarship in Business Administration

Richard Cardinal Cushing Scholarship

Dennis C. Haley Memorial Scholarship

Trustee Scholarships for Entering Freshmen, for Other Undergraduates and  
for Evening Undergraduates

Mio Davis Marketing Scholarship

Agnes F. Driscoll Memorial Scholarship  
 John E. Fenton Scholarship  
 The Martin J. Flaherty Memorial Prize in Journalism  
 Graduate Fellowships  
 Undergraduate Fellowships in the Department of Humanities and the  
     Department of Sociology  
 Summer Scholarships in Marine Biology  
 Foreign Student-Teacher Exchange Program  
 Dorothy M. McNamara Scholarship  
 Ella M. Murphy Memorial Scholarship  
 New England Business Communicators Award  
 Henry E. Warren Scholarships  
 George C. Seybolt Scholarship  
 Income Tax Conference Scholarship  
 Publicity Club of Boston Scholarships  
 Scholarship Assistance in Journalism  
 Scholarship Assistance in Speech and Debate

Additional financial aid programs include:

*Scholarships for Disadvantaged Students* – The Board of Trustees and friends of Suffolk have established a number of scholarships for qualified disadvantaged students. Those eligible for these renewable scholarships may enroll in any Suffolk program, day or evening.

*Student Assistants* – Qualified undergraduates may receive financial aid through appointment as laboratory assistants in Accounting, Biology, Chemistry, Physics, Psychology and Science. Selected graduate students are appointed research assistants in the Department of Psychological Services and in the Graduate School of Administration.

*Foreign Student Assistant Program* – Three assistantships are offered annually for students from a French-, German- or a Spanish-speaking country. The students provide informal help in their native language to fellow Suffolk students, and also cooperate in a wide range of activities in the Modern Languages Department.

*Federal Grant* – Two educational aid programs are provided by the federal government, the Basic Educational Opportunity Grant (BEOG) and the Supplemental Education Opportunity Grant (SEOG). For details of these programs, students should consult the Dean of Students.

*Department of Justice Loans and Grants* – Federal legislation provides for student loans up to \$2,200 annually and grants up to \$400 per semester for students presently employed in the law enforcement and corrections fields, not to exceed the cost of tuition and other fees.



Loan programs include:

*National Direct Student Loans (NDSL)* – Full-time and half-time students with financial need are eligible for annual loans under this program. It is designed for both undergraduate and graduate students.

*Guaranteed Loan Program* – These loans, made through individual application to a participating bank, are guaranteed for up to \$2,500 by the state and federal governments.

*Work-Study Program* – Federal funds provided under the Work-Study Program enable students with financial need to be employed by the University or other non-profit institutions for up to 15 hours a week while attending classes and 40 hours a week during vacation periods.

The University also offers the following loan funds: Elizabeth Young Munce Loan Fund, Revolving Fund for Summer Study Abroad (Project Safari) and the Albert K. Sheldon Loan Fund.

# Student Affairs

## SERVICES

**Advising** — Among the many advantages of Suffolk University is its relatively small size which enables students to maintain their individuality. Within the setting of a major university, each college affords an opportunity for extensive personal contacts, if desired. Faculty and Administration are readily available to students. Administrators and Faculty maintain an "open door" policy. Faculty office hours are posted. An active freshman advising program utilizes both faculty and upper class students. A faculty advisor is assigned to each freshman according to the intended major area of study. Upon earning sophomore status a student may elect to remain with his or her advisor or seek the services of another faculty member.

Advising at Suffolk is available with a wide variety of members of the faculty, administration and staff. Problems discussed may be of academic, financial, vocational, social or of any other nature that concerns the student and may affect present or future progress.

The student is encouraged to discuss academic affairs and interests with members of the faculty whose interests overlap his or her own. The deans want to know and aid their students and may be called on for general discussion as well as for more specific matters.

Advising on financial affairs is readily available in the Dean of Students' Office. United Campus Ministry offers its services for religious, marital, and personal counseling. The Director of Placement encourages early and continued discussion of occupational plans, options, and opportunities.

The student is encouraged to assume responsibility for his or her own affairs as much as possible. Part of this responsibility involves securing counsel or assistance whenever needed or helpful.



If a faculty advisor approves a student's program, the student is obliged to follow that program unless approval for change is obtained from the advisor.

**Campus Ministry** — To meet the spiritual, moral, and social needs of young men and women, chaplains of various religious faiths are available to provide religious services at appropriate times and to counsel students. All are invited to visit the Campus Ministry Office, Archer Building, to discuss their religious, marital, social, or personal interests.

**Minority Student Advising** — The Minority Student Advisor is located in the Archer Building and is available to all students for advising. Students are encouraged to discuss matters of any sort with the Advisor.

**Department of Psychological Services** — The Department of Psychological Services exists to help students function more effectively by helping them to define and accomplish their personal and academic goals. Psychological Services Department facilities and programs are offered to day and evening students, faculty, administration and alumni, without charge.

The services include the following: (1) individual and group counseling relating to personal and academic adjustment and to career exploration, (2) administration and interpretation of aptitude, achievement, interest and personality tests to assist students in the process of exploring and defining career goals, (3) maintenance of a career/education library, (4) experiential group courses in Interpersonal Relations designed to help students foster personal growth by increasing self-awareness and awareness of others through face-to-face interchange with group members.

Psychological Services are available from 9:00 a.m. to 4:30 p.m. Monday through Friday, and on Wednesday evenings from 5:00 to 8:00 p.m. Appointments can be made in Archer 20 or by telephone (x 226).

Owing to limited resources, it is not always possible to provide complete support services for special non-degree students. When necessary, students will be referred to appropriate outside agencies for assistance.

**Archives** — The University Archives is a storehouse of Suffolka. A collection of Suffolk yearbooks, catalogs, newspapers, and other memorabilia are housed in the Archives. The Suffolk University Archives is located in the Mount Vernon Street Building.

**Museum of Afro-American History** — Suffolk University and the Museum of Afro-American History have established a collection of Afro-American

literature. Featuring the complete works of noted black writers, the collection serves as the nucleus for a permanent center in Boston for the study of Afro-American literature. It is housed principally in Suffolk's college library and will enable both students and visitors to study and enjoy Afro-American literature. The collection will contain the complete works of all important Afro-American writers, including poetry, plays, novels, short stories, and essays in both book and periodical form, as well as critical, historical, biographical and bibliographical works on Afro-American literature by writers of all races.

**University Library** — The Library occupies the major portion of the third floor of the Archer Building, and serves all departments of the Colleges. The reading room has seating accommodations for more than four hundred readers. It is open to faculty, students, members of the staff and alumni.

All books, except those on required reading lists, treatises, reference books in great demand, and certain particularly valuable or rare books, are on open shelves and easily accessible. Reference books do not circulate, but all other books may be borrowed for periods ranging from overnight to fourteen days. Some books on reserve for special courses must be used in the Library.

The Library is open from 8:00 a.m. to 11:00 p.m., Monday through Friday; and 8:00 a.m. to 4:45 p.m., Saturday, and from 1:00 p.m. to 9:00 p.m. on Sunday during the regular school term. It is closed on all legal holidays.

During the summer session, the Library is open from 8:45 a.m. to 10:00 p.m., Monday through Thursday, and 8:45 a.m. to 4:45 p.m. on Friday. The Library is closed on Saturday and Sunday during the Summer.

The Ziemann Poetry Library adjoins the College Library. This contains a collection of approximately four thousand volumes of poetry and criticism. Some of the books are rare, so the library is open only at selected hours during the week. The books are supplemented by a substantial collection of poetry recordings.

**New Directions** — New Directions is a student-run information, service, and referral center for the Suffolk University community. New Directions' aim is to service any need of any student who contacts the office. The office emphasizes that it is a place to come and talk, a place to give information and services as well as receive them. New Directions is also helpful and more than willing to discuss, plan, and channel the ideas of individual students for activities within the University.

New Directions maintains a library of materials on subjects ranging from drugs, alcoholism, and birth control, to consumer protection and food stamps. Pamphlets, books and personal experience are provided with an



honest appraisal of their worth. New Directions enthusiastically provides information about almost everything at Suffolk University.

**Official University Bulletin Boards** — All students are responsible for information posted on the Official University Bulletin Boards located in the entrances in the Fenton and Mount Vernon Street Buildings.

**Transfer Student Counselor** — The Transfer Student Counselor's Office is open to both day and evening students, Monday through Friday, in the Admissions Office at 56 Temple Street. The Transfer Student Counselor is available to discuss transfer credit, the selection of courses, academic requirements, and problems encountered in the process of transfer.

**International Student Advice** — The advisor to international students is prepared to render aid in the student's official relations with one's own and the United States government. For assistance of an academic or personal nature, the international student should feel free to go to any of the University counselors or faculty. Financial assistance is not available to entering international students. In rare instances, after one full academic year of study, limited assistance may be awarded upon application.

**Bookstore** — The Bookstore is located in the lower level of the Archer Building. It has every facility for the rapid handling of text books and other college supplies.

## SCHOLARLY HONOR SOCIETIES

**Alpha Sigma Lambda** — The purpose of Alpha Sigma Lambda, Chapter Alpha Psi, is the advancement and recognition of scholarship among evening students. Membership is restricted to undergraduates who have completed a minimum of thirty semester hours of evening course work at Suffolk University, which must include at least fifteen semester hours outside the student's major field. Students must have been in attendance at a recognized college or university a minimum of four semesters. Members shall be elected only from the highest ten percent of the class in scholarship, provided, however, that the minimum grade point average shall not fall below 3.2.

**Delta Alpha Pi Society** — At the close of each term the deans and the faculties of the Colleges select high standing junior or senior Day Division students for membership in Delta Alpha Pi. Election is an academic honor and recognizes truly superior achievement by an undergraduate enrolled in any bachelor's degree program. A student may receive this honor, represented by the Delta Alpha Pi key, at the end of the junior year or upon completing the first half of the senior year. The minimum academic requirements for election are as follows:

*Junior Year* (early selection) — A student who has completed 84 semester hours of college work, at least 30 of which have been completed at Suffolk University, and who has earned a cumulative honor point average of 3.6 or higher shall be eligible for early selection for the honor society. Students who have more than one grade of F or I are ineligible for election to Delta Alpha Pi.

*Senior Year* (final selection) — A student who has earned 102 semester hours at the end of a semester, of which at least 45 semester hours have been earned at Suffolk, and who has earned a cumulative honor point average of 3.4 or higher, shall be eligible for final selection. Generally, the faculty requires a higher average for induction in this society.

**Honors in English** — Juniors and seniors of high scholastic achievement are selected by the English faculty from among English, Journalism, and Humanities majors to take part in a special seminar each semester. They receive scholarly training based on intensive readings in literature. On completion of the program the participants are awarded certificates of merit and given a special notation of their accomplishment on the official record.

**Humanities Honors** — Students are eligible for Honors in Humanities when they have completed at least 21 hours in humanities courses with an average of at least 3.3. They should maintain an average of 3.0 in other courses, and should make a contribution to the extra-curricula activities.

**Modern Language Honors Group** — Students who have achieved a 3.0 average in general and at least a 3.0 average in a modern language may be eligible for membership in the Honors Group if they are enrolled in a course beyond the intermediate level. Honors Group members are encouraged to undertake individual research on projects of special interest, and to discuss their findings at open meetings of the entire group.

**Phi Alpha Theta History Honor Society** — Phi Alpha Theta, a member of the American Association of College Honor Societies and the recognized honor group in the field of history, maintains its Theta Lambda Chapter at Suffolk. Composed of both faculty and student members, the Theta Lambda Chapter is a flourishing group with an outstanding record. Student membership is based on (1) the completion of at least fifteen semester hours of history course work with an average of 3.4 before the senior year and of 3.25 in the senior year, PLUS (2) an average of 2.8 or better in at least two-thirds of all other course work at Suffolk. Transferred credits cannot be counted in the requirements. Invitations to membership are extended, generally, during the junior and senior years. All inducted members remain permanently on the roster of Theta Lambda Chapter.



**Pi Alpha Alpha** — is the National Honor Society for Public Affairs and Administration. The Suffolk Chapter has the distinction of being one of ten Chapters specifically authorized to admit graduate students.

**Pi Gamma Mu Honor Society** — Massachusetts Gamma Chapter is the Suffolk Chapter of the National Social Science Honor Society Pi Gamma Mu. To qualify for membership, students must have completed 24 semester hours of social science courses with a minimum average of "B" and no failures in government, economics, sociology, history, philosophy, and social psychology. The maximum number of students who may be admitted in any one year is ten percent of upperclassmen specializing in any of the social sciences. Members are elected for life.

**Phi Sigma Tau Honor Society** — The Beta Chapter of Phi Sigma Tau Honor Society in Philosophy was chartered at Suffolk on April 26, 1965. Eligibility is open to all students (whether or not majoring in philosophy) who have successfully completed a minimum of three courses in philosophy with a high B or better average grade, have reached at least the second semester sophomore level and whose academic standing at Suffolk is in the upper quartile.

**Sigma Xi** — The purpose of Sigma Xi is to encourage original research in science, pure and applied. A Sigma Xi Club is maintained at Suffolk University.

**Sigma Zeta Honorary Science Society** — Alpha Lambda is the Suffolk Chapter of Sigma Zeta, a national honorary science society. The society's aims are to give recognition to students of superior scholarship in the natural sciences and mathematics, to encourage the attainment of a broader knowledge of and to promote interest in these fields, and to stimulate interest in scientific investigation. Active membership is extended to faculty members in the natural sciences and mathematics and to sophomores, juniors and seniors majoring in one of these fields who meet the grade-point ratio qualifications (i.e., 3.00 in science and mathematics and 2.75 overall).

**Who's Who in American Colleges and Universities** — Students nominated to Who's Who are selected in their senior year on the basis of scholastic and community achievements, scholarship ability, participation and leadership in academic and extracurricular activities, citizenship and service to Suffolk University, and potential for further achievement. Both day and evening students are eligible for consideration.

## STUDENT ACTIVITIES

Suffolk has a well-formulated undergraduate program of student activities. The University offers many clubs and activities, each affording opportunity for personal growth and development; the extracurriculum is designed to develop and encourage personal qualities of leadership, initiative, cooperation and sportsmanship. The following activities are open to all qualified students in the University.

Accounting-Finance Association

Suffolk University Afro-American Association

Alpha Phi Omega (National Service Fraternity)

Athletics (Varsity) — Suffolk sponsors varsity intercollegiate teams in basketball, baseball, golf, tennis and cross-country. The University is a member of the National Collegiate Athletic Association, the Eastern Collegiate Athletic Association, and the New England College Athletic Conference

Athletics (Intramurals) — Intramural sports are offered for both men and women at Suffolk. Included in the program are flag football, basketball, weight-lifting, handball, squash, and softball. Clinics are held for tennis, and self defense. There is also a swimming program for women.

Suffolk University American Marketing Association

The Beacon (Yearbook)

Cheerleaders

Chess Club

Christian Science Association

Communique

Council of Presidents

Walter M. Burse Debating Society

Delta Sigma Pi (Business Fraternity)

Suffolk University Drama Club

Evening Division Student Association

Suffolk Evening Press

Film Co-op

Gamma Sigma Sigma (National Service Sorority)

The Gold Key Society

Higher Consciousness Collective

History Society

Hockey Club

Humanities Club

Suffolk Journal

Suffolk University Journalism Society

Latin American Association

Modern Language Club



New Directions

Phi Alpha Tau (Communicative Arts Fraternity)

Phi Chi Theta (Business Sorority)

Phi Sigma Sigma Sorority

Photography Club

Political Science Association

Psychology Club

Public Administration Society

Science Club

Ski & Outing Club

Society for Advancement of Management

Sociology Club

The Society of Professional Journalists

Student Government Association

Suffolk University Theatre

Suffolk University Veterans Association

Suffolk University Women's Program Committee

Tau Kappa Epsilon Fraternity

Venture Literary Magazine

WSUB Closed Circuit Broadcasting System (television & radio)

# Academic Regulations

**Registration of New Students** — All new students are required to file applications as much in advance of Registration Day as possible. From November to March are the desirable months to request admission to the Fall semester, although applications may be made later in the year for the Evening Division. On Registration Day students whose applications for admission have been accepted will make out registration forms and secure schedules prior to the opening of classes.

**Registration Limits** — Except in special cases, no student may register after the first full week in any semester. Credit will not be given for a course in which a student has not formally registered. A late registration fee of ten dollars will be required of all students who register after the last day for registration without penalty as announced in the College Calendar for any semester or summer session.

**Attendance** — Attendance requirements are left to the discretion of the faculty member in each of his or her classes. The faculty member is responsible for informing students of his or her attitude regarding attendance at the beginning of each course. The student, in turn, when absent from class, has the responsibility of obtaining knowledge of what happened in class, especially information about announced tests, papers or other assignments. While absence may adversely affect grades in courses when class participation is a determinant in grading, absence *per se* in other courses will not result in academic penalty.

**Class Hours** — Day classes normally meet three times a week on Monday, Wednesday, and Friday for 50 minutes, or twice a week on Tuesday and



Thursday for 75 minutes. Classes meeting on Monday, Wednesday, and Friday have a 10 minute break between classes. Classes meeting on Tuesday and Thursday have a 15 minute break. The period between 1:00-2:15 on Tuesday and Thursday is reserved for student activities, faculty meetings, and guest lecturers. Evening class hours, which start at 4:30 p.m. or later, are listed in the Evening Division section of this bulletin.

**Change of Address** — Each student is required to notify the registrar of any change of home or local address of parent or guardian, or change of his or her legal name. When a student's legal name is changed, the student must provide the registrar with a certified copy of applicable documents authorizing such change. All students are required to notify the registrar of any change of address within 48 hours of such change.

**Student Conduct** — Thoughtful behavior and good manners are expected at all times of students of Suffolk. It is assumed that undergraduates will understand what constitutes acceptable conduct without specific regulations forbidding particular actions. Breaches of good conduct will be the concern of the appropriate officers or committees of the University. Examples of unacceptable conduct include: unauthorized use of alcoholic beverages, theft, vandalism, gambling, plagiarism, and use, possession or distribution of illegal drugs.

For student conduct which tends to discredit or injure the University, or violation of university rules, authorization by the Board of Trustees has been given to impose such penalty as deemed appropriate, including expulsion from the University. This authority has been generally delegated to the Student Conduct Committee, subject to review by the President or his representative. Before action is taken on any accusation of inappropriate conduct, the student concerned will be informed of the charge against him and will be given an opportunity for explanation, defense and counsel.

The Code of Justice, the Suffolk University Joint Statement on Rights and Freedoms of Students, and other policies and procedures governing student behavior and disciplinary measures are contained in the *Log*, the Suffolk University Student Handbook.

The University encourages students to develop their sense of civic concerns by the means appropriate to democratic action. In order to preserve and improve the democratic structure of the University itself, it provides through student-faculty-administration committees both a guarantee of the due process and rich opportunity for collective study and action. At the same time, and for the same purpose, it requires that there be no interference with legitimate discourse, traffic, or business within the Uni-



versity. Violations will subject the offender to action by the Student Conduct Committee up to and including suspension or expulsion.

**Smoking** — Smoking is permitted in the student lounges, in the cafeteria, and in designated areas of the University. No students or faculty are permitted to smoke in classrooms or in the University Library due to state fire regulations.

**Dismissal** — The University reserves the right to suspend, enforce the withdrawal of, or expel a student whose academic standing or whose conduct is in its judgment unsatisfactory or who does not comply with the rules and regulations of the University. The several faculties of the schools may impose dismissal as a penalty for any breach which prevents the student from fulfilling the purpose implied by registration in the University. Any student found guilty of participating in or inciting a riot or an unauthorized or disorderly assembly is subject to appropriate disciplinary action which may include suspension or dismissal.

**Examinations** — Final examinations are offered in all regular courses unless waived by the department chairperson and dean. All students are required to take them. In addition, mid-term examinations, quizzes, special papers, and other assignments are given at the discretion of the instructor.

**Make-Up Examinations** — Only when incapacitating illness or other emergency makes attendance at a final examination impossible may a make-up examination be requested. The request should be made promptly (within two weeks) through the Dean of Students. Medical certificate or other verification should accompany the request. Authorized make-up examinations must be taken no later than the next succeeding semester. A fee of five dollars is charged for each make-up examination. A student who has completed a course with a grade of "F" is not eligible for a make-up examination.

**Normal Full Program** — A program of four or five courses is considered a full load for a day student in any semester of the college career. With the time recommended to be spent in preparation (a minimum of two hours of preparation for each class meeting), this normal program should keep the full-time student busy forty-five hours per week if he or she is to do acceptable college work. Permission to take a sixth course may be given only by the Committee on Excess Courses (see below). All full-time day undergraduate students are expected to complete at least four courses each semester. Those who fail to do so can only continue with the permission of the dean of the college in which they are enrolled. This policy does not apply



to students admitted as continuing education students or as senior citizens who may carry reduced course loads at their own discretion.

**Excess Courses** — Any course, in addition to the normal five courses, is an excess course. For compelling reasons, such as the need to make up a condition or a failed course, a student may be given special permission to register for a sixth course if the student has been in attendance at Suffolk two full semesters or more, provided that the cumulative honor point average is 2.5 or better at the time of the petition. Application for the additional course should be made at the Registrar's Office at the time the student is planning a program in advance of Registration Day. Students in their first two full semesters, excluding summer sessions, are limited to five courses.

In all other cases, permission to take an additional course must be obtained in advance from the Committee on Excess Courses. Petition forms are available in the Registrar's Office and Office of the Dean. A student may not receive credit for more than six courses in any one semester.

Summer Session students whose average is below 2.5 are ordinarily limited to a program of not more than two courses in each term, but may petition the Committee on excess courses for permission to take a third course. Students whose average is 2.5 or better may carry three courses in each term.

**Credits Earned at Other Summer Sessions** — Suffolk students who wish to accelerate their programs by taking summer courses *will be expected to take them at Suffolk University*. Students who commute more than forty miles, however, may be granted permission to attend another college, but must obtain written permission to do so *in advance* from the dean of students in order to insure acceptance of their credits. The number of transfer credits will be limited to one credit for each week of summer session attendance. Credit will be withheld unless the course work is completed with a grade of "C" or better, where "D" is the lowest passing grade. Credits earned at summer sessions in other institutions may not be counted as part of the work of the senior year (last 30 semester hours) in any Suffolk degree program except in extremely unusual and rare instances. Students who transfer more than 62 semester hours may not take courses for credit at other institutions. Courses taken in affiliated programs at Emerson College are an exception to this policy.

**Reports** — Grade reports will be issued to each student soon after the close of each semester. In addition, each day freshman will receive tentative reports of his or her standing after the middle of the Fall and Spring semesters.

**Classification of Students** — Classification of students depends upon the number of semester hours earned prior to the first semester of the current year. Freshman standing is assigned to all those having less than twenty-four semester hours; Sophomore standing, at least twenty-four semester hours; Junior standing, at least fifty-four semester hours; Senior standing, at least eighty-four semester hours.

**The Grading System** — Effective as of the Spring Semester of 1976, the following grading system will apply to all undergraduate students.

<i>Letter Grade</i>	<i>Honor Point Equivalent</i>
A	4.0
B+	3.5
B	3.0
C+	2.5
C	2.0
D+	1.5
D	1.0
F	0.0
I	Does not affect honor point average
W	Does not affect honor point average
P	Does not affect honor point average

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

"C+" and "C" represent satisfactory work.

"D+" and "D" represent passing but unsatisfactory work.

"F" is a failing grade. It indicates (a) that more than half of the course requirements are complete but unsatisfactory by the end of the semester or, (b) that the student dropped the course or withdrew from the University without valid cause after the mid-point of the course (in terms of weeks of class). (Up to five "F" grades may be removed from the student's record if the course is retaken and a passing grade received. The grade point average will be recomputed without the zero contribution from the "F" grade. The course must be retaken the next time the course (or laboratory) is offered.)



"I" indicates that at least half of the course requirements have been completed with a passing average ("D" or better) at the end of the semester. Incomplete work may be made up not later than the end of the next semester following that in which the course was taken, with the exception that "I" grades in laboratory courses must be made up the next time the laboratory is offered.

The Registrar will record grade changes that are made within two weeks after the close of the examination period. Changes made after this period will be recorded at the end of the next semester.

An excessive number of "I's" can lead to academic probation or dismissal. For the purposes of the Academic Standing Committee's June review, the grade of "I" is considered part of the record unless changed by the instructor within two weeks of the close of the examination period.

"W" signifies official withdrawal from a course. It is assigned administratively, (a) if a student voluntarily drops the course or withdraws from the University prior to the start of the mid-point of the course, in terms of weeks of class, or, (b) if he drops the course or officially withdraws from the University for *valid and serious cause* after the mid-point of the course.

Valid cause includes serious illness, job transfer, problems involving family responsibilities, and similar circumstances beyond the students' control.

The legitimacy of such declarations for cause will be determined by the Dean of Students' Office. Any reasons for cause must be documented and certified and submitted with the completed petition.

An excessive number of "W's" can lead to academic probation or dismissal.

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

STUDENTS WHO MERELY STOP ATTENDING A COURSE WITHOUT HAVING COMPLETED THE OFFICIAL FORMS MUST EXPECT TO RECEIVE A GRADE OF "F"

For information concerning tuition liability, see pp. 15-16.

**Honor Point System** — Scholastic averages will be computed as follows: 4.0 Honor Points will be granted for each semester hours of A grade work, 3.5 Honor Points for B+ work, 3.0 for B work, 2.5 for C+ work, 2.0 for C work, 1.5 for D+ work, 1.0 for D work, and 0.0 for F work. Grades of I, W, and P are

not computed in determining honor points. In a 3 semester hour course, a grade of A will count as 12 Honor Points ( $3 \times 4.0$  Honor Points = 12 Honor Points). A minimum average of 2.0 (C) is required for graduation. In some departments, a higher average is required in the major.

**Pass-Fail Courses** — A Pass-Fail Option is available to students in lieu of letter grades subject to the following limitations and regulations:

Eligibility is restricted to Juniors and Seniors in good academic standing and to those Junior and Senior transfer students who have completed a minimum of 15 semester hours of course work at Suffolk University. This option is limited to four semester courses per student. An exception may be made for Psychological Services 1.3-1.4 — Interpersonal Relations, which can be taken by any student as a Pass-Fail course with the consent of the instructor.

Pass-Fail courses may not be taken in a student's major and may not be used to fulfill general college requirements or the related courses required as part of the student's area of concentration (major).

Students will designate courses as Pass-Fail on their registration forms at the time of registration. No changes from this designation 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.

At the end of the semester, instructors will submit letter grades for all students except for those who have chosen to take the course on a Pass-Fail basis. The instructor and the Registrar will transcribe a Pass as P and a Fail as F for those who elected this option.

A Pass received on this basis 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 do not look with favor upon the Pass-Fail system and prefer students to submit traditional letter grades.

**The Dean's Honor List** — The Dean's Honor List is composed of students who are deemed worthy of recognition because of high scholastic achievement.

Dean's List honors are awarded on a semester basis and are announced as soon as possible after the close of the semester.

In order to be considered for the Dean's List, a student must be in regular attendance during the appropriate semester, and shall have completed a



minimum of four courses as a day student or at least three courses as an evening student with an average of 3.0 or better for the semester. A grade of F or I disqualifies a student for the Dean's List, regardless of average.

### **Academic Standing, Probation, Dismissal**

	<i>Good Standing</i>	<i>Probation</i>	<i>Dismissal</i>
End of Freshman Year (At least 24 credits attempted)	1.8 or better average	Average of 1.5 to 1.8	Average less than 1.5
End of Sophomore Year (At least 54 credits attempted)	1.9 or better average	Average of 1.6 to 1.9	Average less than 1.6
End of Junior Year (At least 84 credits attempted)	2.0 or better average	Average of 1.8 to 2.0	Average less than 1.8
Mid-Senior Year (After 100 credits attempted)	2.0 or better average	Average of 1.85 to 2.0	Average less than 1.85
End of Senior Year (At least 122 credits earned)	2.0 or better average for graduation		

Any student who receives 3 or more grades of W and/or I in any academic year shall be subject to review by the Academic Standing Committee.

No student on academic probation shall be eligible to compete in athletics, hold elective or appointed offices, 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 one's average does not improve, the Dean of the college or the Academic Standing Committee may require a limitation of extracurricular activities as a condition for continuation at Suffolk University.

A student who has been placed on probation will generally be given until the following year's final grading period to establish an acceptable honor point average. Failing to achieve the satisfactory average, the student becomes subject to suspension or dismissal from the University after review by the Faculty Academic Standing Committee. At the end of each fall and spring semester all Freshmen with an average of less than 1.5, all Sophomores with an average of less than 1.6, all Juniors and transfer students with an average of less than 1.8 and all Seniors with an average of less than 1.85 will automatically be dismissed from the University, unless the Committee makes an exception because of unusual circumstances.

At any point during the academic year a student may be dismissed from Suffolk University if, in the opinion of the Academic Standing Committee, the academic record is unsatisfactory.

A student who has been dismissed for academic deficiency may as a matter of right file a typewritten petition to the Faculty Academic Standing Committee for reinstatement, explaining the reason supporting the petition for reinstatement specifically and fully. Each petitioner shall submit such petition to the office of the Dean within 15 days of receipt of notice of dismissal. A filing fee of \$15 is required.

Students who have been dismissed for academic deficiency who have complied with the suggestions of the Committee and the Dean of the College (such as completion of one year's satisfactory work at another accredited institution) may file a typewritten petition to the Faculty Academic Standing Committee for reinstatement, together with transcripts of work taken elsewhere. Each petitioner shall submit such petition to the office of the Academic Dean at least fifteen days prior to the commencement of the semester in which the petitioner would like to reenter the University. A filing fee of \$15 is required.

A student who has been found to have violated the rules of academic probation after a hearing by the Dean of Students or by the Joint Committee on Student Conduct, which hearing has been held at the option of the student, is subject to suspension, enforced withdrawal, or expulsion from the University or appropriate lesser penalties if warranted by the circumstances.

Cheating on examinations, plagiarism, and/or improper acknowledgement of sources in essays or research papers, and the use of a single essay or paper in more than one course, without the permission of the instructor, constitute unacceptable academic conduct. A student who has been found to have violated this rule after a hearing by the Dean of Students or by the Joint Committee on Student Conduct, which hearing has been held at the option of the student, is subject to suspension, enforced withdrawal, or expulsion from the University or appropriate lesser penalties if warranted by the circumstances.

All day students who are required by the University to enroll in or complete English 1.0, English 1.3, English 1.5, or English 1.6 and do not do so will be dropped from the University.

All full-time day undergraduate students are expected to complete at least four courses each semester. Those who fail to do so can only remain at Suffolk with the permission of the Dean of the College in which the student is enrolled.

**Eligibility for Degree** — In order to be eligible to receive a bachelor's degree from the University, a student must have at least (1) two-honor points for



each semester hour of credit earned in courses at the University and (2) a C average (2.0) in his major courses. Four years is the normal period for earning a bachelor's degree. A maximum of eight years is the normal limit for completion of part-time or interrupted degree programs.

Transfer students must earn at least a 2.0 honor point average in courses completed at Suffolk University.

Candidates for an Associate Degree will be required to earn a proportion of honor points comparable to the number required for Bachelor's degree candidates.

### **Graduation With Honors**

1. No student shall be eligible for the Dean's Honor List in any semester in which he or she receives an F or an I grade, regardless of his or her average.
2. To be eligible to graduate *summa cum laude* a student must have completed at least 60 semester hours at Suffolk University, have a cumulative average between 3.8 and 4.0 and no grades of F or I.
3. To be eligible to graduate *magna cum laude* a student must have completed at least 60 semester hours at Suffolk University, have a cumulative average between 3.5 and 3.7, and have no grades of F or I.
4. To be eligible to graduate *cum laude* a student must have completed at least 60 semester hours at Suffolk University, have a cumulative average between 3.0 and 3.4 and have no more than one grade of F or I.
5. Students shall be ineligible to be elected to Delta Alpha Pi who have more than one grade of F or I.

**Application for Degree** — Students must complete an Application for Degree at the Accounting Office no later than two months prior to the end of the final semester of work. Upon filing this application, the student is required to pay the balance of any tuition and fees (including the graduation fee) at that time. The Registrar will not accept any forms until clearance has been granted by the Accounting Office. Failure to comply with this requirement will delay graduation until the end of the following term.

**Withdrawal from College** — If it becomes necessary for a student to withdraw from college, he or she is expected to complete an official withdrawal form obtainable in the Registrar's Office and have an exit interview with the Dean of Students. When circumstances prevent this, the student or parents should write to the Dean of Students concerning the reason that requires withdrawal from college.

# College of Liberal Arts and Sciences

The ideal of a liberal education in the arts and sciences at Suffolk University is to provide the student with a broad cultural background, intellectual discipline, and depth in one or more areas of specialization. At the same time, the University provides a variety of contemporary professional and pre-professional programs which reflect the changing needs of society, the interests of students, and employment opportunities. Students enrolled in the College of Liberal Arts and Sciences may choose from a variety of career-related programs within the College, or take electives in the College of Business Administration.

**Objectives** — Suffolk's objectives are a reflection of its philosophy:

To provide an environment which will encourage freedom of thought and expression in the pursuit of truth, scholarly excellence, and relevant and vital teaching.

To provide a strong liberal arts education in order to acquaint students with their cultural heritage and to develop a taste for the best, a sense of values, and awareness of their roles and obligations as citizens of a democratic society.

To provide professional and pre-professional programs on both the undergraduate and graduate level.

To provide educational opportunities for qualified men and women who might otherwise be deprived of them as a result of economic, social, or cultural handicaps.

To help Greater Boston and the Commonwealth of Massachusetts to solve their social, economic, and cultural problems.



**Faculty** — To achieve excellence in meeting these objectives, the College of Liberal Arts and Sciences has assembled a distinguished faculty. Eighty percent of the full-time faculty hold doctorates from thirty-seven leading institutions. While some members of the faculty engage in research and publication, the primary purpose of the faculty is teaching.

**Students** — The majority of Suffolk students come from the Greater Boston area and commute to class. Ranging in age from sixteen to eighty, they constitute a very special segment of the Greater Boston student population — students who are highly concerned about getting an education. Eighty percent of Suffolk undergraduates work part-time to finance their education; and of those, forty-seven percent finance their education entirely on their own. Suffolk also attracts an increasing number of students from out-of-state and from other countries. During 1975-76, one hundred and fifty students came from thirty-eight nations.

## DEGREE PROGRAMS

The College of Liberal Arts and Sciences offers the following undergraduate degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Science in Journalism, and Bachelor of Science in General Studies. A minimum of 122 semester hours is required for each degree. Some science programs may exceed this minimum as a result of laboratory requirements.

Day students normally complete their degrees in four years unless they attend the Summer Session to accelerate their programs. Evening students normally complete their degrees in from five to eight years, depending on the course load carried and on whether they attend the Evening Summer Session.

All programs provide a broad liberal arts background plus specialization within a major. Each student follows a program of study which includes required background courses, major courses, related electives, and free electives. In addition, A.B. candidates choose options in Humanities, Natural Science, and Social Science. B.S. candidates choose options in Communication and Speech, English, Social Science, Humanities, Natural Science, and Social Science.

The requirements for the A.B. and B.S. degrees are outlined below. In meeting these requirements, students are urged to work closely with their advisor in order to select those courses best suited to their particular needs and interests, and to insure that they complete the official requirements for the bachelor's degree.

Requirements for the B.S. in Journalism, the B.S. in General Studies, and specialized programs such as education and science are explained elsewhere in this *Bulletin*.

**Majors and Related Electives** — The requirement for a major within the A.B. or B.S. degree is normally satisfied by the completion of 30 semester hours in one department and 12 semester hours of Related Electives chosen with the approval of the department chairman from a list of courses recommended by the department. Students normally select their major at the beginning of the sophomore year. They must receive the approval of their advisor in order to make certain that they fulfill all requirements for their major and for the bachelor's degree. The following majors are available within either the A.B. or B.S. degree programs:

**Humanities Majors**

Communications and Speech  
English\*  
French\*  
Humanities  
Journalism  
Philosophy  
Spanish\*

**Science Majors**

Biochemistry\*  
Biology  
Chemistry  
Life Studies  
Mathematics\*  
Physics\*

**Social Science Majors**

Economics\*  
Education\*  
Government  
History  
Psychology  
Sociology

\*Indicates that a full major is not available evenings.

## Bachelor of Science Degree

The Bachelor of Science degree is available to all majors in the College of Liberal Arts and Sciences. Students should consult with their advisor to determine whether they should start their major in the freshman year or sophomore year, and to ascertain special departmental requirements. Students who wish to prepare for elementary or secondary school teaching, or to major in science or journalism should consult the programs described elsewhere in this *Bulletin*.

**Requirements for the B.S. degree** — The Bachelor of Science degree requires the satisfactory completion of a minimum of 122 semester hours, including the following: English 1.1-1.2 — 6 sem. hrs.; English Option — 6



sem. hrs.; Communications Option — 6 sem. hrs.; Humanities Option — 6 sem. hrs.; Social Science Option — 6 sem. hrs.; Natural Science Option — 8 sem. hrs. (Includes laboratory); Major — 30 semester hours and Related Electives — 12 sem. hrs.; Free Electives to complete a minimum of 122 sem. hrs. — 42 sem. hrs.

**Options for B.S. Candidates** — The following options are required of all B.S. candidates except those majoring in education, science, or journalism. Students must normally complete two-semester sequences within each option. The Chairman of the student's major department or the Dean may authorize the mixing and matching of one-semester courses when a two-semester sequence is not available. Appropriate courses taken as options may also be counted toward the major.

*English Option:* English 2.3, 2.4, 3.3, 3.4 or options listed on page 93, 6 sem. hrs.

*Communications Option:* Communications and Speech, Computer Science, Linguistics, Logic, Mathematics (except Math. 1.3-1.4), Modern Languages, Journalism, 6 sem. hrs.

*Social Science Option:* Economics, Education, Government, History, Psychology, Sociology, 6 sem. hrs.

*Humanities Option:* Communications and Speech (Oral Interpretation of Literature), Humanities, Literature, Philosophy (except Logic), 6 sem. hrs.

*Laboratory Science Option:* Biology, Chemistry, Physics, Physical Science, 8 sem. hrs.

### Suggested Course Sequence for B.S. Degree

(122 Semester Hours)

<b>Freshman</b>		<b>Sophomore</b>	
	<b>Sem. Hrs.</b>		<b>Sem. Hrs.</b>
English 1.1-1.2 .....	6	English Option .....	6
Communications Option .....	6	Laboratory Science Option .....	8
Humanities Option .....	6	One major course .....	6
Social Science Option .....	6	Free elective .....	12
Free elective .....	6		
	<hr/>		<hr/>
	30		32
<b>Junior</b>		<b>Senior</b>	
	<b>Sem. Hrs.</b>		<b>Sem. Hrs.</b>
Two major courses .....	12	Two major courses .....	12
Related electives .....	6	Related electives .....	6
Free electives .....	12	Free electives .....	12
	<hr/>		<hr/>
	30		30

## Bachelor of Arts Degree

The Bachelor of Arts degree is available to all majors in the College of Liberal Arts and Sciences. Students should consult with their advisor to determine whether they should start their major in the freshman year or sophomore year, and to ascertain special departmental requirements. Students who wish to prepare for elementary or secondary school teaching, or to major in science or journalism should consult the programs described elsewhere in this *Bulletin*.

**Requirements for the A.B. degree** — The Bachelor of Arts degree requires the satisfactory completion of a minimum of 122 semester hours, including the following: English 1.1-1.2 — 6; English 2.3-2.4 — 6; History 1.1-1.2 or 1.3-1.4 — 6; Foreign Language, 6 hours of course work or equivalent beyond elementary level; Major — 30 and Related Electives — 12; Humanities Option — 12 (Not required of students majoring in one of the Humanities); Social Science Option — 12 (Not required of students majoring in one of the Social Sciences); Natural Science Option — 14 (Not required of students majoring in one of the Natural Sciences); Free electives required to complete a minimum of 122 — 24-36, depending on method of satisfying foreign language requirement. The various options and suggested four-year sequences are listed below.

**Options for A.B. candidates** — All A.B. candidates must complete the required options as indicated below, with the exception of majors in education, journalism, and science. Students majoring in these areas should consult the appropriate programs listed elsewhere in this *Bulletin*.

**Humanities Options:** Social Science majors must select two one-year courses (12 semester hours), one from Group A and one from Group B. Science majors must take one-year courses (6 semester hours).

### Group A

Humanities 1.1-1.2, \*1.3-1.4, 2.1-2.2,  
2.3-2.4, 2.7-2.8, 2.11-2.12,  
2.13-2.14, 3.1-3.2, 2.5, 2.6  
French 2.9, 2.10, 2.11, 2.12  
Spanish 2.7-2.8  
English 3.3-3.4; 3.76-3.77; 3.12  
History 3.3-3.4

### Group B

Philosophy 1.3-1.4  
Philosophy 1.4-1.5  
Philosophy 2.1-2.2

\*Primarily for Freshmen.

**Social Science Options:** Humanities and Science majors must select two one-year courses (12 semester hours). Economics 1.1-1.2, Government 1.1-1.2, Psychology 1.1 and any advanced Psychology course, Sociology 1.1 and any advanced Sociology course, Education 2.1-2.2.



**Natural Science Options:** Humanities and Social Science majors must select two one-year courses. A.B. degree candidates must complete 14 semester hours of science by taking one year of science from Group A and one from Group B. One of the year courses must include the laboratory for 2 semester hours. Math. 1.7-1.8 or 2.1-2.2 only may be substituted for the 6 semester hour science requirement. In some cases the student is allowed to mix semesters of different courses, e.g., Chemistry 1.3, Science 1.2. Consult the chairman of the Department of Chemistry or the chairman of the Department of Physics for approval.

Group A	Sem. Hrs.	Group B	Sem. Hrs.
Chemistry 1.3-1.4, L1.3-L1.4	6-8	Biology 1.3-1.4, L1.3-L1.4	8
Chemistry 1.11-1.12, L1.3.-L1.4	6-8	Biology 1.31-1.32	6
Mathematics 1.7-1.8, or 2.1-2.2	6	Biology 1.5-1.6, L1.1-L1.2	6-8
Physics 1.1-1.2, L1.1-L1.2	8	Mathematics 1.7-1.8, or 2.1-2.2	6
Science 1.1-1.2, L1.1-L1.2	8		

### Suggested Course Sequence for A.B. Degree

With a major in one of the **humanities:** *English, French, Humanities, Philosophy, Spanish, Communications and Speech.*

Students who wish to prepare for elementary or secondary school teaching should consult the special programs described in the education section of this *Bulletin*.

Freshman	Sem. Hrs.	Sophomore	Sem. Hrs.
English 1.1-1.2 .....	6	English 2.3-2.4 .....	6
History 1.1-1.2 or 1.3-1.4 .....	6	Second Year Foreign Language ...	6
Social Science Option .....	6	Social Science Option .....	6
Science Option .....	6-8	Science Option .....	6-8
First Year Foreign Language .....	6	One major course .....	6
	30-32		30-32

Junior	Sem. Hrs.	Senior	Sem. Hrs.
Two major courses .....	12	Two major courses .....	12
One related elective .....	6	One related elective .....	6
Electives .....	12	Electives .....	12
	30		30

### Suggested Course Sequence for A.B. Degree

With a major in one of the **social sciences:** *Economics, Education, Government, History, Psychology, Sociology, Spanish-Sociology.*

Students who wish to prepare for elementary or secondary school teaching

should consult the special programs described in the education section of this *Bulletin*.

<b>Freshman</b>		<b>Sophomore</b>	
	<b>Sem. Hrs.</b>		<b>Sem. Hrs.</b>
English 1.1-1.2 .....	6	English 2.3-2.4 .....	6
History 1.1-1.2 or 1.3-1.4 .....	6	Second Year Foreign Language ....	6
Science Option .....	6-8	Science Option .....	6-8
First Year Foreign Language .....	6	One major course .....	6
Humanities Option .....	6	Humanities Option .....	6
	<u>30-32</u>		<u>30-32</u>
<b>Junior</b>		<b>Senior</b>	
	<b>Sem. Hrs.</b>		<b>Sem. Hrs.</b>
Two major courses .....	12	Two major courses .....	12
One related elective .....	6	One related elective .....	6
Electives .....	<u>12</u>	Electives .....	<u>12</u>
	30		30

## PRELEGAL STUDY

Admissions requirements for law schools throughout the country are becoming increasingly rigorous. Only students who have consistently earned honor grades in their undergraduate courses and who score high on the Law School Admissions Test should consider the study of law as a realistic goal.

Applicants for admission to an accredited law school must possess the bachelor's degree prior to registration. Since applicants come from many universities with varied curricula, law schools do not specify particular subjects as the "best" preparation for the study of law. Law schools are concerned, however, that applicants have a broad knowledge of the liberal arts and sciences, and depth in one or more areas of concentration. Any undergraduate major is suitable. Courses in accounting, economics, English, government, history, humanities, philosophy, sociology, psychology, public speaking, and argumentation will give good preparation for the study of law. The importance of skill in writing and speaking cannot be overemphasized. Participation in intercollegiate debate as an extracurricular activity is appropriate. Knowledge of a foreign language is useful for students who plan to work with minority groups or in a foreign country.

The Suffolk University Law School Admissions Committee is highly selective and places emphasis on the quality of undergraduate work and the results of the LSAT. Only students with above average records and LSAT scores can expect to gain admission. The Law School offers a Juris Doctor degree after three years of study in the Day Division or four years in the Evening Division.



Although Suffolk University Law School normally awards the Juris Doctor degree after seven years of full-time study — four in college and three in law school — it is sometimes possible for a limited number of outstanding Suffolk undergraduates to gain early admission to the Law School at the end of their junior year of college. Such students are able to earn the combined bachelor's degree and Juris Doctor degree in six years instead of the customary seven. The first three years of study are at the College of Liberal Arts and Sciences or College of Business Administration, and the final three years are at Suffolk University Law School. Students in the Evening Division of Suffolk University are also eligible to apply for early admission, though it normally takes a minimum of eight years of study to complete the combined degrees evenings — four in college and four in law school. The bachelor's degree is awarded after the successful completion of the first full-year of law study.

Students who seek early admission to Suffolk University Law School must enter Suffolk University as freshmen and complete 92 semester hours toward the bachelor's degree. This credit must include all required courses for the particular degree and major that the student selects, with the exception that the first full year of law study is substituted for major courses and electives that are normally taken in the senior year. Credit earned at other colleges or through the CLEP Test may not be counted toward the 92 semester hours. **ONLY SUFFOLK STUDENTS WITH DISTINCTLY SUPERIOR RECORDS AND LSAT SCORES CAN EXPECT TO QUALIFY FOR EARLY ADMISSION AND COMBINED DEGREES.**

Applicants to Suffolk University Law School should take the LSAT in October of their Senior Year (or of their Junior Year if applying for early admission and combined degrees). Experience has shown that applicants who take the LSAT a second or third time generally achieve higher scores on the later tests. Applicants should ask the Dean of Students, Dr. D. Bradley Sullivan, who also serves as Prelegal Advisor, to send a letter to the Law School certifying that they have completed their academic requirements. The Law School Admissions Committee will make its decision after it receives a transcript that includes final course grades.

Prospective law students will find additional information in the 1976-1977 edition of the *PreLaw Handbook* published by the Law School Admissions Council and the American Association of Law Schools. This publication contains information on prelegal study, a brief word picture of most American law schools, and other relevant information. A copy of the *PreLaw Handbook* may be obtained through many college bookstores or ordered directly from: L.S.A.S., Educational Testing Service, Princeton, N.J. 08540.

## BIOLOGY

Department of Biology — *Professors:* Snow (Chairman), West, Mulvey; *Associate Professors:* Lamont, Fiore; *Assistant Professors:* Howe, Jokinen, Owens; *Lecturers:* Comeau, Ketten.

The requirements for a major in the Department of Biology are satisfied on the completion of 30 semester hours of course work in the department, including Biology 1.1-1.2, L1.1-L1.2 or equivalent, Biology 1.8, Math 1.9 and Biology Seminar (Biology 5).

Students who have demonstrated outstanding proficiency in Biology may be invited to participate in the Biology Honors Program (Biology 5H). At least one course per term in addition to the Biology 5 or 5H must be taken during the senior year. A minimum grade point average of 2.0 must be maintained in all courses in Biology and required related subjects to qualify for graduation. *All biology courses must be taken with their respective laboratories unless otherwise noted or waived by written permission of the Biology Department Chairman.*

In addition to the 30 hours of course work in Biology, the major must complete two semesters of College or General Physics, two semesters of Inorganic Chemistry, two semesters of Organic Chemistry, and two semesters of Calculus. An additional semester of Chemistry is strongly recommended.

It is strongly recommended that the student acquire a reading knowledge of two modern foreign languages, preferably French and German.

With the exception of the curriculum in Medical Technology, maximum flexibility is provided in the selection of courses within the department. Students will be individually programmed to provide the courses most suited to the student's objective.

The Department of Biology administers the *LIFE STUDIES* major. The completion of 30 semester hours of biology courses in an approved program of studies which may be used to satisfy the requirements shall include Biology 5 (Seminar); an area of concentration, with a minimum of 12 semester hours, in a non-science academic discipline, and a two-semester sequence in a non-biological science. The requirements for the Bachelor of Arts degree must be fulfilled to qualify for the *LIFE STUDIES* major. Courses with application to life studies offered by departments other than Biology may be authorized for credit in the major upon written approval by the Department Chairmen of Biology and the one in which the course is offered. *Note:* The *LIFE STUDIES* Major is not intended to meet the requirements for admission to graduate or professional schools with the prerequisites of a major in Biology.



Courses listed for graduate credit may be applied to the M.A. in Education degree at Suffolk University, subject to the approval of the Chairman of the Department of Education. Students who wish to transfer graduate credit to another university should obtain the prior approval of their dean. Some courses may qualify for graduate credit with the approval of the instructor and the Chairman of the Department of Biology.

## Bachelor of Arts in Biology

(122 Semester Hours)

### Suggested Course Sequence

Freshman	Sem. Hrs.	Sophomore	Sem. Hrs.
Biology 1.1-1.2, L1.1-1.2 .....	8	Biology Electives .....	8
Chemistry 1.1-1.2, L1.1-1.2 .....	8	Chemistry 2.1-2.2, L2.1-L2.2 .....	8
English 1.1-1.2 .....	6	First Year Foreign Language .....	6
Mathematics 2.1-2.2 .....	6	Elective .....	6
Biology 1.8 .....	1	Social Science Option .....	6
Math 1.9 .....	1		
	30		34
Junior	Sem. Hrs.	Senior	Sem. Hrs.
Biology Electives .....	8	Biology Electives .....	5
English 2.3-2.4 .....	6	Biology 5 .....	1
Second Year Foreign Language ...	6	Humanities Option .....	6
Physics 1.1-1.2, L1.1-L1.2 .....	8	Social Science Option .....	6
History 1.1-1.2 or 1.3-1.4 .....	6	*Electives .....	6
	34		24

\*A fifth semester of Chemistry is strongly recommended.

## Bachelor of Science in Biology

(122 Semester Hours)

### Suggested Course Sequence

Freshman	Sem. Hrs.	Sophomore	Sem. Hrs.
Biology 1.1-1.2, L1.1-L1.2 .....	8	Biology Electives .....	8
Chemistry 1.1-1.2, L1.1-L1.2 .....	8	Chemistry 2.1-2.2, L2.1-L2.2 .....	8
English 1.1-1.2 .....	6	English Option .....	6
Mathematics 2.1-2.2 .....	6	Social Science Option .....	6
Biology 1.8 .....	1	Electives .....	6
Math 1.9 .....	1		
	30		34

Junior	Sem. Hrs.	Senior	Sem. Hrs.
Biology Electives .....	8	Biology Electives .....	9
Physics 1.1-1.2, L1.1-L1.2 .....	8	Biology 5 .....	1
Humanities Option .....	6	**Chemistry Elective .....	4
*Communication Option .....	6	Electives .....	10
Electives .....	6		
	34		24

\*Math. 2.1-2.2 fulfills this option. Electives may be substituted for Communication Option.

\*\*A fifth semester of Chemistry is strongly recommended.

## MEDICAL TECHNOLOGY

(Four years days or six years evenings)

Suffolk University has affiliated with the Newton-Wellesley Hospital; the Veterans Administration Hospital, Jamaica Plain; the Henry Heywood Memorial Hospital, Gardner, Massachusetts; and the Cambridge Hospital, in order to offer the Bachelor of Science degree with a major in biology and a program in medical technology. The program consists of three years of day study (at least five years evenings) in liberal arts and science at Suffolk University and a final year (30 semester hours) of technology at the affiliated hospital schools of medical technology. The final year is of 52 weeks duration and normally starts in September. Instruction will be given in the laboratories of the hospitals by their staff members. *No Tuition is charged for the final year of study by either the university or the hospital.* Students may be awarded stipends by the hospital. Students should apply to the hospital school of their choice upon registering for their fifth semester of college work.

Upon satisfactory completion of the prescribed curriculum, students are eligible to receive a certificate in Medical Technology from the affiliated hospital, and the degree of Bachelor of Science with a major in Biology from Suffolk University. Graduates are eligible for examination for certification by the Registry of Medical Technologists of the American Society of Clinical Pathologists.

Students enrolled in the medical technology program in this institution are not required to have their transcripts evaluated by The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) before entering the clinical (laboratory/hospital) phase of their program. The program is approved by the Council on Medical Education and Hospitals of the American Medical Association.

The program is under the joint direction of Dr. Beatrice L. Snow, Chairman of the Suffolk University Department of Biology; Dr. John H. Meeker,



Director of the Newton-Wellesley Hospital School of Medical Technology; Dr. Dieter Keller, Director of the Henry Heywood Memorial Hospital School of Medical Technology; Dr. Leonard D. Berman, Director, School of Medical Technology, Veterans Administration Hospital, Jamaica Plain; and Dr. Chikao G. Hori, Director, School of Medical Technology, the Cambridge Hospital.

## Medical Technology Program

(122 Semester Hours)

Freshman	Sem. Hrs.	*Sophomore	Sem. Hrs.
English 1.1-1.2 .....	6	Social Science Option .....	6
Mathematics 2.1-2.2 .....	6	Humanities Option .....	6
Biology 1.1-1.2, L1.1-L1.2 .....	8	Biology 4.5 4.61, L4.5 L4.61 .....	8
Chemistry 1.1-1.2, L1.1-L1.2 .....	8	Biology Elective .....	8
Biology 1.8 .....	1	Chemistry 2.1-2.2, L2.1-L2.2 .....	8
Math 1.9 .....	1		
	30		36

*\*In view of the highly intensive nature of the program, it is strongly urged that Medical Technology candidates give serious consideration to reducing the fall and spring course load by one course, by attending the summer session during the second or third year.*

Junior	Sem. Hrs.	Senior	Sem. Hrs.
English Option .....	6	Completion of Medical Technology	
Physics 1.1-1.2, L1.1-L1.2 .....	8	Program at one of the following	
Elective .....	6	hospitals: Newton-Wellesley,	
Chemistry 3.2 .....	4	Henry Heywood Memorial,	
Biology Elective .....	6-8	Jamaica Plain Veterans,	
Biology 5 (T) .....	1	The Cambridge Hospital	
	31-33		min. 30

## AFFILIATED COOPERATIVE PROGRAM IN ENVIRONMENTAL TECHNOLOGY

By affiliation with governmental and private research agencies, Suffolk University offers a cooperative program in Environmental Technology. Students will spend two six-month periods employed with an affiliated agency while under the guidance of a faculty member from the University.

Agencies cooperating with Suffolk University do so through a formal affiliation in which the responsibilities of the agency and the University are established. Students are compensated during the time they are in the employ of the agency. While in the employ of the agency, the student is

registered for credit in the University and is expected to fill the usual requirements of a student at the University.

Upon satisfactory completion of the prescribed curriculum, students are eligible to receive the degree of Bachelor of Science with a major in Biology from Suffolk University.

## Environmental Technology Program

(122 Semester Hours)

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>*Sophomore</b>	<b>Sem. Hrs.</b>
Biology 1.1-1.2, L1.1-L1.2 .....	8	Science 2.2 Internship .....	12
Chemistry 1.1-1.2, L1.1-L1.2 .....	8	Chemistry 3.2 or Major Elective ...	4
Mathematics 2.1-2.2 .....	6	Major Electives .....	4
English 1.1-1.2 .....	6	English Option .....	6
Biology 1.8 .....	1		
Math 1.9 .....	1		
	<hr/> 30		<hr/> 26
 <b>Junior</b>	 <b>Sem. Hrs.</b>	 <b>*Senior</b>	 <b>Sem. Hrs.</b>
Biology 5T .....	1	Science 4.2 Internship .....	12
Chemistry 2.1-2.2, L2.1-L2.2 .....	8	Chemistry 3.2 or Major Elective ...	4
Physics 1.1-1.2, L1.1-L1.2 .....	8	Major Electives .....	5
Social Science Option .....	6	Free Electives .....	6
Major Electives .....	8		
Humanities Option .....	6		
	<hr/> 37		<hr/> 27

*\*Students will spend 6 months in residency in an affiliated agency during the tenure of the sophomore and senior years. Depending upon the time the student is at the agency, one summer at Suffolk University is necessary during the sophomore year to make up 4 semester hours.*

**Robert S. Friedman Cobscook Bay Laboratory** — The Robert S. Friedman Cobscook Bay Laboratory was dedicated on October 7, 1973. This is a forty acre marine field station on the shores of Cobscook Bay in Edmunds, Maine. The station exists as a camping field station and is comprised of small cabins which serve as sleeping facilities, a central multi-purpose building, laboratory facilities, a classroom, circulating sea water system and several small water craft.

The facility is utilized by groups from a number of educational institutions throughout New England. The Biology Department of Suffolk University offers several field oriented courses during the academic year as well as a summer program which make extensive use of the facility.

Although the facility was organized primarily to meet the need for undergraduate field experience in a marine environment, visiting scientists



and graduate students make use of the station to collect and study data of interest to them.

The Laboratory has the advantage of being in the lower Bay of Fundy region in the northernmost coastal region of Maine. The Bay has the greatest fluctuation of tide anywhere in continental United States and allows for ready access to the collecting of many marine organisms. Washington County, Maine, is one of the most picturesque areas on the eastern seaboard and is in close proximity to many tourist attractions such as the summer residence of the late President Franklin D. Roosevelt at Campobello Island, Canada. The United States Department of the Interior maintains the Moosehorn National Wildlife Refuge in the immediate area and carries on extensive research with the Woodcock.

**Pre-Dental Education** — Most dental schools set as a minimum requirement for admission the inclusion of one year of general chemistry and one year of organic chemistry, one year of biology, one year of physics, and one year of English composition. It is recommended that the student also attain proficiency in those courses that give a broad cultural background.

While dental schools set 60 semester hours as the minimum quantity requirement, the crowded condition of the professional schools allows them to be more selective in their admissions; in practice, students with three complete years of college work or more frequently with bachelor's degrees are given preferences.

The applicant may be required to present himself for an interview before his admission status is determined. Suffolk University permits students admitted to accredited dental schools to fulfill senior year requirements by successful completion of first year dental studies. See Health Careers Committee, p. 52.

**Pre-Medical Education** — The admission requirements for medical schools throughout the country are being liberalized, but the changes are not uniform, and the rates of change are not the same. The trend is toward less emphasis on science courses that tend to be repetitious and more upon the humanities and social science subjects. Students are being encouraged to attain in college a broad cultural background as well as basic education in the sciences.

Nevertheless, nearly all medical colleges still require the inclusion of one year of general chemistry and one year of organic chemistry, one year of physics, one year of biology, one year of English composition, and one year of English literature in pre-medical preparation. Some medical schools also require a reading knowledge of French or German.

In the catalogues of some medical schools it is indicated that an applicant will be approved for admission after three years of college work. Since, however, the number of applicants far exceeds the number of students to be admitted, the pre-medical students with a bachelor's degree and promise of success as a doctor are selected. The personality appraisal is frequently made through interviews with the dean or admissions officer. Suffolk University permits students admitted to accredited medical schools to fulfill senior year requirements by successful completion of first year medical studies. See Health Careers Committee, p. 52.

**Pre-Optometry Education** — Colleges of optometry, like other professional schools, base their admission standards on the academic records of their applicants. Preference of course is given to applicants who present college records showing a high degree of achievement in their classroom work.

The requirements for admission to the schools and colleges of optometry are not identical. Typically, the requirements include courses in English, mathematics, physics, chemistry, and biology or zoology. Some schools and colleges have varied requirements in psychology, the social sciences, literature, philosophy, and foreign languages.

The pre-optometry requirements for almost all accredited colleges of optometry represent a minimum of two academic years of study. It is recommended that Suffolk students who plan to study optometry pursue a commonly required Freshman Year in which they include in their programs Freshman English, Freshman Mathematics, General Biology, Inorganic Chemistry plus one course from the following group: History of Western Europe, Social Sciences, or American Government. In the second (Sophomore) year pre-optometry students should study General Physics and a variety of other courses such as Calculus, English Literature, Humanities, and others in Economics, Psychology, Sociology, Philosophy, Communications and Speech, or Modern Foreign Languages. The student should be acquainted with the requirements of the optometry college he expects to attend. See Health Careers Committee, p. 52.

**Pre-Veterinary Education** — The minimum academic requirements for admission to a school of veterinary medicine parallel those of dental schools. However, since there are far fewer veterinary colleges than medical or dental schools, the opportunities are more limited. Consequently, the customary requirement for admission is the completion of the baccalaureate. In addition, most veterinary schools are state universities which give priority for admission to residents of the state. Many veterinary schools require a course in "Animal Husbandry" or "Experience on a Farm" as a prerequisite



to admission. Suffolk University does not offer these courses, but they may sometimes be obtained at another institution during the summer. Prospective students should apprise themselves of the specific requirements of the various veterinary schools as early in their undergraduate program as possible. Suffolk University permits students admitted to accredited veterinary schools to fulfill senior year requirements by successful completion of first year veterinary studies. See Health Careers Committee, p. 52.

**Health Careers Committee** — The Health Careers Committee of Suffolk University was formed in 1972 at the request of the dean of the College of Liberal Arts and Sciences. The committee's primary responsibility is to write recommendations for qualified Suffolk students seeking admission to professional schools in preparation for careers in medicine, veterinary medicine, and dentistry. As far as recommendations to such professional schools are concerned, only the Health Careers Committee represents Suffolk University.

A Suffolk senior whose cumulative honor point average is at least 3.0, or a special student whose post-graduate cumulative honor point average at Suffolk is at least 3.3, qualifies for consideration by the Health Careers Committee. A senior whose cumulative average is slightly below 3.0 may also qualify by demonstrating steady improvement of his or her academic performance over the years. In the case of a transfer student, transfer grades will be taken into account.

Any pre-medical, pre-veterinary, or pre-dental student who satisfies the foregoing criteria should use a typewriter to fill out the Health Careers Information Form which is available in Room 40. The student must also type out a list of the names and addresses of schools to which admission is being sought. Both the Information Form and the list of schools should be given to the Chairman of the Health Careers Committee.

The Health Careers Committee will review the applicant's academic record and will obtain personal evaluations from faculty members who know the applicant. Working with this information, the Committee will compose a letter of recommendation for the applicant and will send a copy of this letter to each school on the applicant's list.

## **Biology Courses**

**Biology 1.1 — General Biology (Botany).** An introduction to general principles of biology in the plant sciences. Selected topics from various fields of botany include anatomy, cytology, genetics, morphology, physiology and taxonomy. 3 hours lecture. 1 term — 3 semester hours. Offered days only.

**Biology L1.1 — General Biology Laboratory (Botany).** Introductory laboratory methods in selected fields of the plant sciences. 3 hours laboratory. *Concurrent enrollment in Biology 1.1 required. 1 term – 1 semester hour. Offered days only.*

**Biology 1.2 — General Biology (Zoology).** A comprehensive survey of the animal kingdom. The morphology, physiology, reproductive behavior, and evolution of the main types of animals. Emphasis is placed on the physical nature and function of man. 3 hours lecture. *1 term – 3 semester hours. Offered days only.*

**Biology L1.2 — General Biology Laboratory (Zoology).** Laboratory on the anatomy and function of representative animal groups. 3 hours laboratory. *Concurrent enrollment in Biology 1.2 required. 1 term – 3 semester hours. Offered days only.*

**Biology 1.3-1.4 — The Living World and Man (formerly Science 1.3-1.4).** Introduction to the structure, chemistry, growth, life-styles, and interrelationships of living organisms, with emphasis upon the dependence and impact of the human species. The student first learns how the flows of energy and of matter maintain the flow of life in individual cells and in complex organisms. The course stresses the essential roles of bacteria, protists, plants, fungi, and animals in sustaining one another following a long period of co-evolution. Second-semester readings deal mainly with the effects of human activities on the flows of energy, of matter, and of life. Throughout the course, the historical process of scientific investigation is subjected to critical scrutiny. Instructor's consent is required for enrollment in Biology 1.4 by mid-year transfer students. A course for non-science majors. It may be substituted without major or minor credit for Biology 1.1-1.2 if the student subsequently desires to major in Biology. The recommendation of the instructor in this course and the approval of the Biology Department Chairman must be obtained to receive this consideration. Otherwise, Biology 1.3-1.4 may not be used as science credit for science majors. 3 hours lecture. *2 terms – 6 semester hours. Offered days and evenings.*

**Biology L1.3-L1.4 — The Living World and Man Laboratory.** Appropriate laboratory experiments designed to illustrate the principles and relationships stressed in the lecture portion of the course. 2 hours laboratory. *Concurrent enrollment in Biology 1.3-1.4 required. 2 terms – 2 semester hours.*

**Biology 1.31-1.32 — Heredity and Evolution.** A consideration of heredity and evolutionary concepts relative to man. May not be used as science credit for science majors. *2 terms – 6 semester hours. Not offered 1976-1977.*

**Biology 1.5-1.6 — Man and the Sea.** An historical presentation of the physical, chemical, biological and geological principles and practices in oceanography. Biology L1.7 (Underwater Collecting Techniques) may be substituted for one semester of laboratory. May not be used as science credit by science majors. 3 hours lecture. Laboratory optional. *2 terms – 6 semester hours. Offered days only.*

**Biology L1.5-L1.6 — Man and the Sea Laboratory.** First semester involves a consideration of the characteristics of seawater, including both the physical and chemical properties and the problems a marine organism must resolve to function in this medium. Emphasis is also placed on water sampling and analysis. Second semester is a consideration of the ecology and diversity of marine organisms and their interrelationships as they relate to man. A field experience is included. 2 hours laboratory. *Concurrent enrollment in Biology 1.5-1.6 required. 2 terms – 2 semester hours. Offered days only.*



**Biology L1.7 — Underwater Collecting Techniques.** The theory and application of underwater life support systems used in conjunction with collecting biological data in marine and freshwater environments. Lectures and field experience. *Prerequisite: Physician's approval.* 1 term – 1 semester hour. May be substituted for either Biology L1.5 or Biology L1.6. Offered evenings only.

**Biology 1.8 — Scientific Writing in the Biological Sciences.** The principles and practice of preparing and writing scientific papers utilizing the resources of published literature in the biological sciences. A familiarization of style and procedure as defined by the editors of biological journals. *Required of all freshman Biology majors. Transfer students should enroll as early in their curriculum as possible except when waived by the Chairman of the Department of Biology.* 1 term – 1 semester hour. Days or evenings.

**Biology 2.1 — Comparative Anatomy.** A study tracing the homologies of forms and function of various vertebrate anatomical systems. 2 hours lecture. *Prerequisite: Biology 1.2.* 1 term – 2 semester hours. Days or evenings.

**Biology L2.1 — Comparative Anatomy Laboratory.** A study of the anatomy of several representative vertebrates. 6 hours laboratory. *Concurrent enrollment in Biology 2.1 required.* 1 term – 2 semester hours. Days or evenings.

**Biology 2.2 — Embryology.** A study of the comparative aspects of vertebrate embryological development. 3 hours lecture. *Prerequisite: Biology 2.1.* 1 term – 3 semester hours. Days or evenings.

**Biology L2.2 — Embryology Laboratory.** A study of the development of various embryological stages of representative vertebrate groups. 3 hours laboratory. *Concurrent enrollment in Biology 2.2 required.* 1 term – 1 semester hour. Days or evenings.

**Biology 2.3 — Biosociology.** Topics include environmental quality, population, dynamics, evolution of the socio-genetic system, science and ethics, and decision making regarding contemporary bio-socio issues. 3 hours lecture. *Prerequisite: Biology 1.3-1.4 or equivalent.* 1 term – 3 semester hours. Days or evenings.

**Biology 2.31 — Environmental Management.** The course deals with identifying the kinds of information, including dynamic models, needed in order to plan for the management of the environment. 3 hours lecture. *Prerequisite: Biology 1.3-1.4 or equivalent.* 1 term – 3 semester hours. *Required in Environmental Technology Program. Normally offered in alternate years.* Days or evenings.

**Biology 2.4 — Plant Anatomy.** The cellular structure of plants as related to the development, form, function, and evolution of plant tissues and organs. 3 hours lecture. *Prerequisite: Biology 1.1 or equivalent.* 1 term – 3 semester hours. Days or evenings.

**Biology L2.4 — Plant Anatomy Laboratory.** Examination and analysis of prepared materials. Selected introductory techniques for preparation of fresh materials. 3 hours laboratory. *Concurrent enrollment in Biology 2.4 required.* 1 term – 1 semester hour. Days or evenings.

**Biology 2.5 — Seedless Plants.** A survey of algae, fungi, mosses, ferns, and related “lower” plant groups. 3 hours lecture. *Prerequisite: Biology 1.1 or equivalent.* 1 term – 3 semester hours. *Normally offered in alternate years, days only.*

**Biology L2.5 — Seedless Plants Laboratory.** Examination of prepared, fresh and collected materials and cultures. Field trips are also included. 3 hours laboratory. *Concurrent enrollment in Biology 2.5 required.* 1 term – 1 semester hour. *Normally offered in alternate years, days only.*

**Biology 2.6 — Seed Plants.** Introduction to the principle of classification, identification, and nomenclature of gymnosperms and angiosperms. 3 hours lecture. *Prerequisite: Biology 1.1 or equivalent. 1 term – 3 semester hours. Normally offered in alternate years, days only.*

**Biology L2.6 — Seed Plants Laboratory.** Emphasis is on herbarium and collecting techniques and the identification of common New England species. 3 hours laboratory. *Concurrent enrollment in Biology 2.6 required. 1 term – 1 semester hour. Normally offered in alternate years, days only.*

**Biology 2.7 — Nutrition in Today's World.** The fundamentals of the science of nutrition as they relate to health. Includes the recent developments in the science of nutrition as they relate to food selection and the needs of individuals and groups in various life situations. Readings in scientific sources. 3 hours lecture. *Prerequisite: Biology 1.1-1.2, Chemistry 1.1. Normally offered in alternate years, evenings only.*

**Biology 3.1 — Vertebrate Histology.** Introduction to the microscopic and submicroscopic structure of vertebrate tissues and cells. An understanding of the relationships between structure and physiological process at the organ, tissue, cell, and organelle levels. Correspondences between light and electron microscopic images of tissues are stressed. 3 hours lecture. *Prerequisite: Biology 1.2. 1 term – 3 semester hours. Days or evenings.*

**Biology L3.1 — Vertebrate Histology Laboratory.** Examination of vertebrate cells, tissues, and organ systems under the light microscope. Emphasis is to identify precisely a variety of tissues, and to describe each tissue in terms of its microscopic structure and its physiological role. Some attention is given to histological techniques. 3 hours laboratory. *Concurrent enrollment in Biology 3.1 required. 1 term – 1 semester hour. Days or evenings.*

**Biology 3.2 — Genetics.** The theories and principles of heredity and variation as revealed by studies on microorganisms, plants, *Drosophila*, mice, and man. Emphasis is on Mendelian principles and the chromosomal basis for inheritance, including genetic mapping, types of mutations, and mutagenic agents. Consideration of the effects of natural selection upon gene frequencies and of genetic drift to gene pools and natural populations. 3 hours lecture. *Prerequisite: Biology 1.2 or Instructor's consent. 1 term – 3 semester hours. Days or evenings.*

**Biology L3.2 — Genetics Laboratory.** Chromosomal inheritance demonstrated through observations and experiments on *Drosophila*. All major principles which are considered in lecture are dealt with through experimentation and/or observation. 3 hours laboratory. *Concurrent enrollment in Biology 3.2 required. 1 term – 1 semester hour. Days or evenings.*

**Biology 3.21 — Biometrics.** An introduction to the application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, regression, testing hypotheses, experimental design and analysis of variance. This course is *strongly recommended* for those planning to enroll in Biology 3.2. 3 hours lecture. *Prerequisite: Biology 1.1-1.2 or Instructor's consent. 1 term – 3 semester hours. Days or evenings.*

**Biology L3.21 — Biometrics Laboratory.** Primarily deals with problem solving using biological data. Makes use of a programmable calculator and some consideration is given to computers. Experimentation in sampling random and non-random populations. 3 hours laboratory. *Concurrent enrollment in Biology 3.21 required. 1 term – 1 semester hour. Days or evenings.*

**Biology 3.3 — Parasitology.** The relationship of parasitic organisms to the Animal Kingdom in health and disease. The life history, systematics and ecology of protozoan, helminth and



arthropod parasites. 3 hours lecture. *Prerequisite: Biology 1.2. May be taken for undergraduate or graduate credit. Graduate students required to complete special research projects. 1 term – 3 semester hours. Days or evenings.*

**Biology L3.3 — Parasitology Laboratory.** Examination and identification of parasitic species and their anatomical features, utilizing prepared slides and specimens. Some attention given to preserved and fresh material for the purpose of the identification of parasites throughout the various stages of their life cycles. 3 hours laboratory. *Concurrent enrollment in Biology 3.3 required. 1 term – 1 semester hour. Days or evenings.*

**Biology 3.5 — Ecology.** The introduction to the study of the factors affecting the success or failure of living organisms and populations in their environment, including the principles and factors governing structure and dynamics of communities and the energy flow in ecosystems. 3 hours lecture. *Prerequisite: Biology 1.2. 1 term – 3 semester hours. Normally offered in alternate years, days only.*

**Biology L3.5 — Ecology Laboratory.** Emphasis on laboratory and field applications of the principles considered in lecture. 3 hours laboratory. *Concurrent enrollment in Biology 3.5 required. 1 term – 3 semester hours. Normally offered in alternate years, days only.*

**Biology 3.6 — The Natural History of Vertebrates.** An introduction to the structural, functional and behavioral characteristics of the fishes, amphibians, reptiles, birds and mammals, especially of the New England area. Emphasis is on the relationship between specialization in a vertebrate and the ecological niche it occupies. 3 hours lecture. *Prerequisite: Biology 1.2. 1 term – 3 semester hours. Normally offered in alternate years, days only.*

**Biology L3.6 — The Natural History of Vertebrates Laboratory.** Emphasis on the identification of vertebrates found in New England. Observation of their habits and habitats through field trips. 3 hours laboratory. *Concurrent enrollment in Biology 3.6 required. 1 term – 1 semester hour. Normally offered in alternate years, days only.*

**Biology 3.7 — Marine Botany.** A survey of marine plants with emphasis on marine algae. Systematics, ecology, and selected topics. 3 hours lecture. *Prerequisite: Biology 1.1 or equivalent. 1 term – 3 semester hours. Normally offered in alternate years, days only.*

**Biology L3.7 — Marine Botany Laboratory.** Introductory techniques, analysis of prepared and collected materials, local field trips, and field work. 3 hours laboratory. *Concurrent enrollment in Biology 3.7 required. 1 term – 1 semester hour. Normally offered in alternate years, days only.*

**Biology 4.1-4.2 — General Physiology.** The chemistry and physics of the cell. General metabolism and energy exchanges. Muscle and nerve function. The physiology of digestion, excretion, circulation, endocrine secretion, and sense organs of the vertebrates. 3 hours lecture. *Prerequisites: Biology 1.2, Chemistry 2.2. 2 terms – 6 semester hours. Days only.*

**Biology L4.1-L4.2 — General Physiology Laboratory.** Application of differential centrifugation coupled with other techniques such as, Warburg and Gilson respirometers, radioactive tracer methodology, and paper chromatography for the purposes of studying cellular and subcellular respiration and energy exchange mechanisms. Second term emphasis is on the study of striated and cardiac muscle, and nerve function. Also includes an independent study program utilizing physiological laboratory techniques. 3 hours laboratory. *Concurrent enrollment in Biology 4.1-4.2 required. 2 terms – 2 semester hours. Days only.*

**Biology 4.3-4.4 — Invertebrate Zoology.** A survey of the invertebrate phyla with particular attention directed toward the morphology, phylogeny, and natural history of representatives of each group. 3 hours lecture. *Prerequisite: Biology 1.2. 2 terms – 6 semester hours. Normally offered in alternate years, days only.*

**Biology L4.3-L4.4 — Invertebrate Zoology Laboratory.** Laboratory work and field trips designed to provide experience in the collecting, identification, and ecology of locally occurring marine invertebrates. 3 hours laboratory. *Concurrent enrollment in Biology 4.3-4.4 required. 2 terms – 2 semester hours. Normally offered in alternate years, days only.*

**Biology 4.5 — General Bacteriology.** Introduction to the structure, chemistry, growth, life-styles, and influence of bacteria. How bacteria participate in chemical cycling and how their activities affect other forms of life. Selected bacterial diseases are studied. Also includes a brief survey of non-bacterial entities such as viruses and fungi. 3 hours lecture. *Prerequisites: Biology 1.1, Chemistry 2.1, or Instructor's consent. 1 term – 3 semester hours. Days only.*

**Biology L4.5 — General Bacteriology Laboratory.** Introduction to bacteriological techniques and to their applications in research and in diagnosis. Asepsis, preparation of culture media, pure-culture techniques, staining, and biochemical differentiation are stressed at the outset and are subsequently applied to the investigation of special problems in genetics, growth, pollution, soil microbiology, and antimicrobial drug action. 3 hours laboratory. *Concurrent enrollment in Biology 4.5 required. 1 term – 1 semester hour. Days only.*

**Biology 4.6 — Pathogenic Bacteriology** A detailed study of the metabolic and antigenic characteristics of microbial agents of disease in man and other animals. The biology and chemistry of the host-parasite relationship, the role of extra-chromosomal DNA in virulence and the mechanisms of host resistance will be extensively examined. 3 hours lecture. *Prerequisite: Biology 4.5, Chemistry 2.1, or Instructor's consent. 1 term – 3 semester hours. Days or evenings.*

**Biology L4.6 — Pathogenic Bacteriology Laboratory.** Laboratory to emphasize traditional techniques of isolation and identification of pathogens. The application of recent experimental information to diagnostic laboratory procedures will also be examined. 3 hours laboratory. *Concurrent enrollment in Biology 4.6 required. 1 term – 1 semester hour. Days or evenings.*

**Biology 4.61 — Immunology.** Principles of immunity and immunological reactions. The nature of antigens and antibodies, and their interaction. The concept of complement and hypersensitivity in the immune reaction. 3 hours lecture. *Prerequisites: Biology 1.2, Chemistry 2.1. 1 term – 3 semester hours. Days only.*

**Biology L4.61 — Immunology Laboratory.** Appropriate laboratory experiments designed to illustrate the principles covered in lectures. 3 hours laboratory. *Concurrent enrollment in Biology 4.61 required. 1 term – 1 semester hour. Days only.*

**Biology 4.7 — Endocrinology.** The structure, functions, and interrelations of the ductless glands. 3 hours lecture. *Prerequisite: Biology 1.2. 1 term – 3 semester hours. Normally offered in alternate years, days and evenings.*

**Biology 5, Biology 5H AND Biology 5T Seminar.** This is the Biology Seminar program required of all Biology majors in either their senior or junior year. Directed reading in the scientific literature with periodic class reporting and weekly attendance at reporting sessions are required of all Biology 5 and 5H students in their senior year and all Biology 5T students in



their junior year. The Biology 5T program is required of all technology students in their junior year. The Biology 5H (Honors Program) student is required to participate in a research project; survey the literature related to the research; and give periodic reports at the weekly reporting sessions. All students are required to submit a term paper at the end of each semester. *1 term – 1 semester hour. 2 terms – 4 semester hours.*

**Biology 10 — Directed Study.** Directed study projects either of a library or laboratory nature may be authorized with the consent of a member of the biology faculty and the approval of the Department Chairman. The student is required to submit a written proposal of the project prior to enrolling. Project proposals must be approved by a majority of the faculty of the Department of Biology before permission to enroll is granted. This course is principally for graduate level students but advanced undergraduates may be permitted to enroll. *Prerequisites: Advanced Biology standing; Instructor's consent; approval of majority of biology faculty and signature of Department Chairman. 1 term – 3-4 semester hours.*

## CHEMISTRY

Department of Chemistry — *Professors: Bonaventura (Chairman), Good, Ronayne; Associate Professor: Leftin; Assistant Professors: Lewis, Patterson, Richmond; Adjunct Professor: Golub; Lecturer: Redpath.*

The Department of Chemistry offers six major degree programs leading to a B.S. or A.B. in either CHEMISTRY or BIOCHEMISTRY. Students who elect to major in CHEMISTRY may choose to follow the flexible program in Chemistry or the more specialized Chemistry-Business and Chemistry-Secondary Education programs; BIOCHEMISTRY majors may likewise choose from among the programs in Biochemistry, Clinical Chemistry and Biochemistry-Secondary Education. Within each broad degree category, the curricula for the Freshman and Sophomore years are essentially the same. Consequently, in most cases decisions regarding specific program options can be postponed until the end of the second year of study. Nevertheless, students are urged to consult with the Chemistry Department Chairman as early as possible to discuss their professional objectives and options.

To earn a bachelor's degree in Chemistry or Biochemistry requires the satisfactory completion of (1) prescribed core courses in the major and related areas, (2) the liberal arts requirements for the B.S. or A.B. degree common to all undergraduates in the College of Liberal Arts and Sciences,\* (3) restricted electives in the major and related areas, and (4) free electives. The B.S. for all programs offered by the Department and the A.B. for the flexible program in Chemistry require a total of 122 semester hours; the A.B. for the other programs requires additional semester hours of course credits which vary according to the program chosen.\*\*

Many of the courses required for the Chemistry programs are not offered every year in the Evening Division. Evening students may avoid unnecessary delays in completing the degree requirements by prior consultation

with the Chemistry Department Chairman. Only a limited major in Biochemistry is available in the Evening Division.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 semester hours in the major at Suffolk University.

The Department of Chemistry has been approved by the Committee on Professional Training of the American Chemical Society.

\*Appropriate courses within an option may be applied toward major requirements. For example, Mathematics 2.1-2.2, required of all majors in the Department, will satisfy the Communications Option for the B.S. degree.

\*\*It is difficult to particularize which degree is preferable for Chemistry and Biochemistry majors. Chemistry and Biochemistry students are advised to compare the requirements of each and consult the Department Chairman if necessary.

## **CURRICULA in CHEMISTRY**

The curricula for the B.S. or A.B. degree in the three Chemistry programs below satisfy the requirements for certification by the American Chemical Society.

### **Chemistry Program**

This program is recommended for those students planning graduate study in Chemistry and those who wish to utilize their free electives to construct individualized programs of study appropriate to their interests and career objectives.

*Core Requirements:*

Chemistry 1.1-1.2, L1.1-L1.2, 2.1-2.2, L2.1-L2.2, 3.2, 4, 4.1-4.2, L4.1-L4.2, 4.3, 4.5, 5

Mathematics 1.9, 2.1-2.2, 2.3-2.4

Physics 2.1-2.2, L2.1-L2.2

### **Chemistry-Business Program**

The Chemistry-Business program combines major requirements in Chemistry with the basic foundation courses in business required of MBA candidates. It is intended primarily for students interested in the management, marketing or production aspects of the chemical and allied chemical industries. Graduate study in chemistry or business can be pursued upon successful completion of the program.

*Program Requirements:*

*Core requirements in Chemistry, Mathematics, and Physics with the excep-*



tion of Chemistry 4.3 and Mathematics 2.4. *In addition*, Mathematics 2.7, Economics 1.1-1.2, Accounting 1.1-1.2, Management 2.1, Marketing 2.1, Business Law 2.1, Finance 3.1.

### Chemistry-Secondary Education Program

Chemistry majors interested in secondary school teaching follow a course of study that satisfies the competency requirements prescribed by the Chemistry and Education Departments. Students are urged to formalize their status as Chemistry-Secondary Education majors both with the Chemistry Department Chairman and an advisor in Education during the sophomore year.

#### Program Requirements:

Core requirements in Chemistry, Mathematics, and Physics. *In addition*, Psychology 1.1, 2.2, Speech 1.2, Education 3.1, 4.3-4.4, 4.9, 4.21.

The following recommended programs of study leading to the B.S. degree are illustrative of the course sequences followed by Chemistry majors.

### Chemistry Program

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
Chemistry 1.1-1.2, L1.1-L1.2 .....	8	Chemistry 2.1-2.2, L2.1-L2.2 .....	8
Mathematics 1.9 .....	1	Mathematics 2.3-2.4 .....	6
Mathematics 2.1-2.2 .....	6	Physics 2.1-2.2, L2.1-L2.2 .....	8
English 1.1-1.2 .....	6	Social Science Option .....	6
Humanities Option .....	6	Free Elective .....	3
Free Elective .....	3		
	<hr/> 30		<hr/> 31
<b>Junior</b>	<b>Sem. Hrs.</b>	<b>Senior</b>	<b>Sem. Hrs.</b>
Chemistry 3.2 .....	4	Chemistry 4.3 .....	3
Chemistry 4 .....	1	Chemistry 4.5 .....	3
Chemistry 4.1-4.2, L4.1-L4.2 .....	8	Chemistry 5 .....	2
English Option .....	6	Chemistry Elective .....	4
Free Electives .....	12	Science Elective .....	3
	<hr/> 31	Free Electives .....	15
			<hr/> 30

In accordance with the guidelines established by the American Chemical Society, it is recommended that Chemistry majors acquire a reading knowledge of German. Students planning graduate study are urged to do so.

The A.B. degree in Chemistry requires the successful completion of History 1.1-1.2 or 1.3-1.4, two years of a foreign language, and six semester hours of

a social science in addition to the courses listed above for the B.S. degree.

## Chemistry-Business Program

<b>Freshman</b>		<b>Sophomore</b>	
	<b>Sem. Hrs.</b>		<b>Sem. Hrs.</b>
Chemistry 1.1-1.2, L1.1-L1.2	8	Chemistry 2.1-2.2, L2.1-L2.2	8
Mathematics 1.9	1	Mathematics 2.3	3
Mathematics 2.1-2.2	6	Physics 2.1-2.2, L2.1-L2.2	8
English 1.1-1.2	6	Economics 1.1-1.2*	6
Humanities Option	6	Free Electives	6
Free Elective	3		
	<hr/> 30		<hr/> 31
<b>Junior</b>		<b>Senior</b>	
	<b>Sem. Hrs.</b>		<b>Sem. Hrs.</b>
Chemistry 3.2	4	Chemistry 4.5	3
Chemistry 4	1	Chemistry 5	2
Chemistry 4.1-4.2, L4.1-L4.2	8	Chemistry Elective	4
Mathematics 2.7	3	English Option	6
Accounting 1.1-1.2	6	Finance 3.1	3
Business Law 2.1	3	Business Electives	6
Management 2.1	3	Free Electives	6
Marketing 2.1	3		
	<hr/> 31		<hr/> 30

\*May be used to satisfy the Social Science Option.

## Chemistry-Secondary Education Program

<b>Freshman</b>		<b>Sophomore</b>	
	<b>Sem. Hrs.</b>		<b>Sem. Hrs.</b>
Chemistry 1.1-1.2, L1.1-L1.2	8	Chemistry 2.1-2.2, L2.1-L2.2	8
Mathematics 1.9	1	Mathematics 2.3-2.4	6
Mathematics 2.1-2.2	6	Physics 2.1-2.2, L2.1-L2.2	8
English 1.1-1.2	6	Psychology 1.1-2.2*	6
Humanities Option	6	Free Elective	3
Free Elective	3		
	<hr/> 30		<hr/> 31
<b>Junior</b>		<b>Senior</b>	
	<b>Sem. Hrs.</b>		<b>Sem. Hrs.</b>
Chemistry 3.2	4	Chemistry 4.3	3
Chemistry 4	1	Chemistry 4.5	3
Chemistry 4.1-4.2, L4.1-L4.2	8	Chemistry Elective	4
English Option	6	Education 4.3-4.4	8
Education 3.1	3	Education 4.21	9
Education 4.9	3	Free Elective	3
Speech 1.2	3		
Free Elective**	3		
	<hr/> 31		<hr/> 30

\*May be used to satisfy the Social Science Option.

\*\*Education 3.2 is strongly recommended.



## **CURRICULA in BIOCHEMISTRY**

The three programs within the Biochemistry major are based upon program interaction between the disciplines of Chemistry and Biology. The programs tend to be highly structured but, because the areas of concentration are broadened and well-integrated, career opportunities are expanded.

### **Biochemistry Program**

This program is recommended for those students planning graduate study in Biochemistry or careers in allied health areas and for those desiring pre-professional study for medicine or dentistry.

*Core Requirements:*

Chemistry 1.1-1.2, L1.1-L1.2, 2.1-2.2, L2.1-L2.2, 2.41-2.42, L2.41-L2.42, 2.43, 3.2, 4, 4.1-4.2, L4.1-L4.2, 5

Biology 1.1-1.2, L1.1-L1.2, 4.1-4.2, L4.1-L4.2

Mathematics 1.9, 2.1-2.2

Physics 2.1-2.2, L2.1-L2.2

### **Clinical Chemistry Program**

Clinical Chemistry is a specialized area of chemistry concerned with the analysis of body fluids that provides data to physicians for medical diagnosis.

The program is a career-oriented one that differs from the basic Biochemistry major only in the senior year when courses in Clinical Chemistry methodology and a *practicum* in a clinical laboratory are included.

*Program Requirements:*

*Core requirements in Chemistry, Biology, Mathematics, and Physics with the exception of Chemistry 2.43. In addition, Chemistry 3.3, 3.41-3.42, 3.51-3.52.*

### **Biochemistry-Secondary Education Program**

Biochemistry majors interested in secondary school teaching follow a course of study that satisfies the competency requirements prescribed by the Chemistry and Education Departments. Successful completion of all requirements enables graduates to gain teacher certification in both Chemistry and Biology. Because of the highly structured nature of the program, students are urged to consult with the Chemistry Department Chairman and an advisor in Education early in the sophomore year.

### Program Requirements:

Core requirements in Chemistry, Biology, Mathematics, and Physics with the exception of Chemistry 2.43. *In addition*, Psychology 1.1, 2.2, Speech 1.2, Education 3.1, 4.3-4.4, 4.9, 4.21.

The following recommended programs of study leading to the B.S. degree are illustrative of the course sequences followed by Biochemistry majors.

## Biochemistry Program

Freshman	Sem. Hrs.	Sophomore	Sem. Hrs.
Chemistry 1.1-1.2, L1.1-L1.2 . . . . .	8	Chemistry 2.1-2.2, L2.1-L2.2 . . . . .	8
Biology 1.1-1.2, L1.1-L1.2 . . . . .	8	Physics 2.1-2.2, L2.1-L2.2 . . . . .	8
Mathematics 1.9 . . . . .	1	Humanities Option . . . . .	6
Mathematics 2.1-2.2 . . . . .	6	Social Science Option . . . . .	6
English 1.1-1.2 . . . . .	6	Free Elective . . . . .	3
	<u>29</u>		<u>31</u>
Junior	Sem. Hrs.	Senior	Sem. Hrs.
Chemistry 2.41-2.42, L2.41-L2.42 . . .	8	Chemistry 2.43 . . . . .	3
Chemistry 3.2 . . . . .	4	Chemistry 5 . . . . .	2
Chemistry 4 . . . . .	1	Chemistry Elective . . . . .	3
Chemistry 4.1-4.2, L4.1-L4.2 . . . . .	8	Biology 4.1-4.2, L4.1-L4.2 . . . . .	8
English Option . . . . .	6	Biology Elective . . . . .	4
Free Elective . . . . .	3	Free Electives . . . . .	12
	<u>30</u>		<u>32</u>

Students planning graduate study in Biochemistry are advised to include German and an additional year of Calculus in their programs of study.

## Clinical Chemistry Program

Freshman	Sem. Hrs.	Sophomore	Sem. Hrs.
Chemistry 1.1-1.2, L1.1-L1.2 . . . . .	8	Chemistry 2.1-2.2, L2.1-L2.2 . . . . .	8
Biology 1.1-1.2, L1.1-L1.2 . . . . .	8	Physics 2.1-2.2, L2.1-L2.2 . . . . .	8
Mathematics 1.9 . . . . .	1	Humanities Option . . . . .	6
Mathematics 2.1-2.2 . . . . .	6	Social Science Option . . . . .	6
English 1.1-1.2 . . . . .	6	Free Elective . . . . .	3
	<u>29</u>		<u>31</u>
Junior	Sem. Hrs.	Senior	Sem. Hrs.
Chemistry 2.41-2.42, L2.41-L2.42 . . .	8	Chemistry 3.3 . . . . .	4
Chemistry 3.2 . . . . .	4	Chemistry 3.41-3.42 . . . . .	6
Chemistry 4 . . . . .	1	Chemistry 3.51-3.52 . . . . .	6
Chemistry 4.1-4.2, L4.1-L4.2 . . . . .	8	Chemistry 5 . . . . .	2
English Option . . . . .	6	Biology 4.1-4.2, L4.1-L4.2 . . . . .	8
Free Elective . . . . .	3	Free Electives . . . . .	6
	<u>30</u>		<u>32</u>



## Biochemistry-Secondary Education Program

Freshman	Sem. Hrs.	Sophomore	Sem. Hrs.
Chemistry 1.1-1.2, L1.1-L1.2 .....	8	Chemistry 2.1-2.2, L2.1-L2.2 .....	8
Biology 1.1-1.2, L1.1-L1.2 .....	8	Physics 2.1-2.2, L2.1-L2.2 .....	8
Mathematics 1.9 .....	1	English Option .....	6
Mathematics 2.1-2.2 .....	6	Humanities Option .....	6
English 1.1-1.2 .....	6	Psychology 1.1, 2.2* .....	6
	29		34
Junior	Sem. Hrs.	Senior	Sem. Hrs.
Chemistry 2.41-2.42, L2.41-L2.42 ...	8	Biology 4.1, L4.1 .....	4
Chemistry 3.2 .....	4	Biology Elective .....	4
Chemistry 4 .....	1	Education 4.3-4.4 .....	8
Chemistry 4.1-4.2, L4.1-L4.2 .....	8	Education 4.21 .....	9
Biology Elective .....	4	Speech 1.2 .....	3
Education 3.1 .....	3		
Education 4.9 .....	3		
	31		28

\*May be used to satisfy the Social Science Option.

### Chemistry Courses

*Chemistry courses must be taken with their respective laboratories unless otherwise noted or waived by the Chemistry Department Chairman. This does not apply if the laboratory has previously been completed satisfactorily.*

*Chemistry 2.43, 2.9, 3.8, 4.3, 4.5, and 4.6 may be taken for graduate credit subject to the approval of the Chemistry Department Chairman and course Instructor.*

Unless otherwise noted, courses are offered annually.

**Chemistry 1.1-1.2 — General Inorganic Chemistry.** Fundamental principles of chemistry; atomic structure; periodic table; nature of chemical bonds; stoichiometry; gas laws; solutions; acid-base systems; chemical equilibria; thermodynamics; electrochemistry; metal complexes; properties of selected elements. 3 hours lecture. *Prerequisite: High school chemistry. 2 terms – 6 semester hours. Normally offered days only.*

**Chemistry L1.1-L1.2 — General Inorganic and Analytical Chemistry Laboratory.** Principles of inorganic qualitative and quantitative analysis are discussed. The laboratory includes experiments to illustrate basic chemical concepts, preparative chemistry, and qualitative and quantitative analysis with emphasis on volumetric and gravimetric methods. *Concurrent enrollment in Chemistry 1.1-1.2 or L1.1-L1.2 required. 1 hour lecture, 3-hour laboratory. 2 terms – 2 semester hours. Normally offered days and evenings.*

**Chemistry 1.11-1.12 — Introductory Chemistry.** A general introduction to chemical principles which assumes no previous experience in chemistry. *May be taken with Chemistry L1.1-L1.2 by science majors to satisfy Chemistry 1.1-1.2 requirement. May be taken with or without Chemistry*

L1.3-L1.4 and used as science credit by non-science majors. 3 hours lecture. 2 terms – 6 semester hours. Offered evenings only.

**Chemistry 1.3-1.4 — Chemistry of the Environment.** Basic principles of chemistry and the analysis of environmental problems from a scientific viewpoint. Topics include air and water pollution, power generation, chemicals used in food, agriculture, and modern materials. *May be used as science credit by non-science majors only.* 3 hours lecture. Laboratory optional. 2 terms – 6 semester hours. Normally offered days only.

**Chemistry L1.3-L1.4 — Chemistry of the Environment Laboratory.** Water pollution studies and various techniques used in analyzing environmental problems are stressed. 2-hour laboratory period. *Concurrent enrollment in Chemistry 1.3-1.4 or 1.11-1.12 required.* 2 terms – 2 semester hours. Normally offered days only.

**Chemistry 2.1-2.2 — Organic Chemistry.** The essential chemistry of functional groups and basic theories as applied to the study of organic compounds. Mechanistic studies, stereochemistry, and the relationship of spectroscopy to structure are included. 3 hours lecture. *Prerequisite: Chemistry 1.2.* 2 terms – 6 semester hours. Normally offered days and evenings.

**Chemistry L2.1-L2.2 — Organic Chemistry Laboratory.** Laboratory exercises consisting of techniques of separation and purification, including chromatographic methods; synthesis and spectroscopic characterization of organic compounds; reactivity studies. *Concurrent enrollment in Chemistry 2.1-2.2 required.* 4-hour laboratory. 2 terms – 2 semester hours. Normally offered days and evenings.

**Chemistry 2.41-2.42 — Biochemistry.** The chemistry of amino acids, proteins, fats, carbohydrates, and nucleic acids with emphasis on metabolism. Includes a brief introduction to immunology. 3 hours lecture. *Prerequisite: Chemistry 2.2.* 2 terms – 6 semester hours. Normally offered days only.

**Chemistry L2.41-L2.42 — Biochemistry Laboratory.** Fundamentals of enzyme purification; enzyme kinetics; clinical applications of biochemistry; immunological techniques; electrophoresis of biological materials; chromatographic methods. 4-hour laboratory. *Concurrent enrollment in Chemistry 2.41-2.42 required.* 2 terms – 2 semester hours. Normally offered days only.

**Chemistry 2.43 — Advanced Biochemistry.** An in-depth study of topics introduced in earlier biochemistry courses. These may include complex carbohydrates, the biochemistry of hormones, the biochemistry of muscle and motile systems, protein synthesis and biochemical genetics. 3 hours lecture. *Prerequisite: Chemistry 2.42.* 1 term – 3 semester hours. Normally offered in alternate years, days or evenings.

**Chemistry 2.6 — Qualitative Organic Analysis.** The systematic identification of organic compounds via functional group and instrumental methods of analysis. 1 hour lecture, 23-hour laboratory periods. *Prerequisite: Chemistry 2.2.* 1 term – 3 semester hours. Normally offered every third year, days only.

**Chemistry 2.9 — Advanced Organic Chemistry.** A structural approach to the study of organic chemistry. Stereochemistry, including conformational analysis; molecular orbital theory and orbital symmetry; structure-reactivity relationships; reaction mechanisms. 3 hours lecture. *Prerequisite: Chemistry 2.2.* 1 term – 3 semester hours. Normally offered in alternate years, evenings only.



**Chemistry 3.2 — Instrumental Analysis.** Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic absorption, and flame emission spectrometry; refractometry; voltammetry; potentiometric and conductometric measurements; differential thermal analysis. 3 hours lecture, 4-hour laboratory. *Prerequisite:* Chemistry 1.2. 1 term – 4 semester hours. *Offered days or evenings.*

**Chemistry 3.3 — Instrumental Electronics.** The basic theories of electronics and the application of these theories to instruments in the modern laboratory. Emphasis is on developing insight into the functioning of instruments including troubleshooting techniques. 3 hours lecture, 4-hour laboratory. *Prerequisites:* Physics 1.2, Mathematics 2.2. 1 term – 4 semester hours. *Normally offered in alternate years, days or evenings.*

**Chemistry 3.41-3.42 — Clinical Chemistry Methods.** A study of analytical methodology in clinical chemistry; spectrophotometric methods, enzyme analysis, electrophoresis and densitometry, chromatography, immunological techniques, radioactive assays, fluorimetric procedures, atomic absorption spectrophotometry, quality control; adaptation of automated instrumentation to analytical procedures. 3 hours lecture. *Prerequisites:* Chemistry 2.2, 3.2. 2 terms – 6 semester hours. *Normally offered in alternate years, evenings only.*

**Chemistry 3.51-3.52 — Clinical Chemistry Practice.** In-service training at an approved clinical laboratory. Admittance by permission of the Department Chairman. 2 terms – 6 semester hours. *Normally offered in alternate years, days only. Scheduled by prior arrangement with the Department Chairman.*

**Chemistry 3.8 — Environmental Chemistry.** A study of the chemical basis of environmental problems. Topics include aquatic and nuclear chemistry, air pollution, and the interaction between chemical and biological systems. 3 hours lecture. *Prerequisite:* Chemistry 1.2. Chemistry 3.2 is recommended. 1 term – 3 semester hours. *Normally offered every third year, evenings only.*

**Chemistry 4 — Chemical Literature.** Practice in conducting a literature search as applied to the investigation of problems in chemistry. 1 hour lecture-discussion. *Prerequisite:* Chemistry 2.2 or Instructor's permission. 1 term – 1 semester hour. *Normally offered days only.*

**Chemistry 4.1-4.2 — Physical Chemistry.** Thermodynamics and its application in chemistry and chemical equilibria; introduction to the kinetic theory of gases and liquids; chemical kinetics; electrochemistry; the solid state. 3 hours lecture. *Prerequisites:* Chemistry 1.2, Mathematics 2.2, Physics 2.2. 2 terms – 6 semester hours. *Offered days or evenings.*

**Chemistry L4.1-L4.2 — Physical Chemistry Laboratory.** Laboratory exercises of classical and modern experiments in physical chemistry. 4-hour laboratory. *Concurrent enrollment in Chemistry 4.1-4.2 required.* 2 terms – 2 semester hours. *Offered days or evenings.*

**Chemistry 4.3 — Advanced Physical Chemistry.** Quantum mechanics and statistical thermodynamics with applications to spectroscopy and molecular bonding. 3 hours lecture. *Prerequisite:* Chemistry 4.2. 1 term – 3 semester hours. *Normally offered evenings only.*

**Chemistry 4.5 — Advanced Inorganic Chemistry.** Introduction to the concepts and chemical systems of inorganic chemistry including the periodic properties, molecular structure and bonding, and inorganic crystals. Application is chiefly to the chemistry of the lighter and non-transition elements. 3 hours lecture. *Prerequisite:* Chemistry 2.2, 4.2 and concurrent enrollment in Chemistry 4.3. 1 term – 3 semester hours. *Normally offered evenings only.*

**Chemistry 4.6 — Nuclear and Radiochemistry.** Nuclear particles; properties and relative abundance of radioactive and stable nuclides; radioactive decay laws; interactions of radiation with matter; applications to analytical chemistry and radioactive age dating; chemical aspects of nuclear energy. 3 hours lecture. *Prerequisite: Chemistry 4.2. 1 term — 3 semester hours. Normally offered every third year, evenings only.*

**Chemistry 5 — Research and Seminar.** Participation in undergraduate research under the direction of the staff. Students are required to present a seminar and submit a written report on their area of investigation. 1 hour seminar and 4 hours of laboratory per semester hour. *Prerequisite: Chemistry 4. May be taken for one or two semesters for a total of 5 semester hours. 2-5 semester hours. Normally offered days and/or evenings.*

## COMMUNICATIONS AND SPEECH

Department of Communications and Speech — *Professor: Strain; Associate Professor: Kennedy (Chairman); Lecturers: Allard, Marderosian, Rider, Russell, Swope, Wolfman, Zacharis.*

The Department of Communications and Speech offers courses designed for a program of general education for students of liberal arts, business, preprofessional curricula, fine arts and teacher preparation. Undergraduate programs provide both intensive and extensive learning opportunities for students in the theory and behavior of oral communication in its various forms.

A total of 122 semester hours is required for either the A.B. or B.S. degree with a major in Communications and Speech. The requirements for the major consist of 30 semester hours plus 12 additional hours of Related Electives. Twelve semester hours of required core courses are included within all major concentrations. The four required core courses are the following:

- C.Spch 1.1 Voice and Articulation
- C.Spch 1.2 Public Speaking
- C.Spch 1.9 Introduction to Theatre Arts\*
- C.Spch 2.6 Communication Theory

Requirements for the major may be tailored to the needs of candidates with specialized goals. In such cases, the Department Chairman should be consulted at the time of application and subsequent programming. Twelve hours of Related Electives must be approved by an advisor from the Department of Communications and Speech. Students who are preparing for careers in elementary or secondary education are not required to take related electives but must complete 24 semester hours of selected course

(\*Not required of students concentrating in Communication Disorders)



work in education as explained in the section of the catalog dealing with the Department of Education. Students interested in elementary or secondary programs in Speech Education are advised to confer with the Chairman of the Department of Education.

All students majoring in Communications and Speech must have their programs approved by an advisor from the department and thereafter keep in close touch with the department in respect to their programs.

### **Suffolk University-Emerson College Cross-Registration Program**

Since 1968, Suffolk University and Emerson College have established an affiliated Cross-Registration Program which makes available to students of both institutions a greater variety of courses than would otherwise be possible. It is the student's responsibility to cross-register during the specified registration periods at Suffolk University and at Emerson College. Through this affiliation with Emerson College, students may take courses toward one of the following concentrations: Communication Disorders; Mass Communications; Film; Business and Industrial Communication; Dramatic Arts, Theatre Education; Oral Interpretation and Speech Education.

Suffolk students who are majoring in one of the speech or journalism areas may cross-register for courses at Emerson College as part of their normal course load. Students may cross-register in most courses except those that are offered at the parent college providing they have completed the normal prerequisites.

To cross-register, Suffolk students obtain a Cross-Registration Form from the Chairperson of the Department of Communications and Speech. Students are encouraged to consult in advance both with their Suffolk departmental advisor and an appropriate departmental faculty advisor at Emerson.

### **Walter M. Burse Debating Society**

The Department of Communications and Speech supervises several active student activities. The Walter M. Burse Debating Society is organized for the purpose of developing and mastering the various techniques of argumentation and oral communication. After working on campus, members participate in intercollegiate debate and speech tournaments at other colleges and universities in the eastern and midwestern United States.

Members also compete in such individual speech contest events as persuasive speaking, oral interpretation of poetry and prose, extemporane-

ous speaking, rhetorical criticism, informative speaking and after dinner speaking. Last year Suffolk debaters traveled to such schools as Southern Connecticut State College, Niagara University, Monmouth College, George Mason University, Harvard, University of Delaware and the University of Vermont.

In addition, each year the Department of Communications and Speech sponsors a High School Debate Tournament, a Junior College Speech Tournament and a College Speech Tournament. Also, participants visit Norfolk Prison where they compete against the Norfolk Prison debate teams. No previous debate or speech experience is required. Membership is open to any undergraduate student at Suffolk University.

### **Suffolk University Theatre (Drama)**

The Suffolk University Theatre offers a varied program from children's theatre to experimental productions and an active technical, directing, and acting workshop. By encouraging student creativity and hard work of high quality, the Suffolk University Theatre offers a rare opportunity to learn by doing.

### **Communications and Speech Courses**

**Communications and Speech 1.1 — Voice and Articulation.** Designed to provide the student with a thorough knowledge of the mechanics of voice production, and to develop a wide range of control in pitch, volume, and quality. Eradication of individual faults and control of regional accents. Required for Speech majors and suggested for Journalism and Mass Communication majors. Recommended for pre-legal students and all others who wish to develop more effective speaking skills. Offered every term. Speech 2.1 may be substituted with instructor's consent. *1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 1.2 — Public Speaking.** Development of assurance in public appearance through impromptu and extemporaneous speaking. Emphasis on audience analysis, rhetorical structure, and performance. Prerequisite: none. Required of Speech majors, Journalism majors, and Elementary and Secondary Education students. Recommended for pre-legal students, business students, and all others who seek to develop more effective speaking skills. *1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 1.3 — Interviewing.** Basic principles and methods used in two party, face-to-face, and other interview situations encountered in business and professional environments. Role playing interviews will be employed which emphasize communication information, effective persuasion, and employment situations. *Prerequisite: none. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 1.4 — Discussion and Conference Techniques.** Designed to increase proficiency in participation in public discussion of various types, such as informal group discussions, panel discussions, symposiums, and forums. Class work organized to promote an interest in and a knowledge of current affairs as well as to develop the power of reflective thinking. *Prerequisite: none. 1 term – 3 semester hours. Normally offered yearly.*



**Communications and Speech 1.5 — Theatre Workshop.** Detailed study of a play through preparing it for public performance. Work with the University theatre productions is required. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 1.6 — Television Workshop.** Training in the fundamentals of television production. Students receive television production theory and actual laboratory and station participation in television programs. *Prerequisite: none. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 1.9 — Introduction to Theatre Arts.** Basic study of the theory, history, the cultural role and physical characteristics of theatre as an institution in human society. *Prerequisite: none. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 2.1 — Fundamentals of Oral Interpretation.** Designed to develop the expressive powers of the student through oral interpretation of literature. Analyzing and responding to the author's meaning, and communicating that meaning to the audience. *Prerequisite: none. Course meets Humanities Option requirement for B.S. degree. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 2.2 — Performance I.** Applications of principles of broadcasting, news, interviews, announcements, and special events. Lecture and laboratory. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 2.3 — Performance II.** Performance for radio, television, and film. Lecture and Laboratory. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 2.4 — Non-verbal Communication.** Processes and effects of communicating in non-verbal codes; introduction to proxemics, kinesics, and pictics. Critical analysis of theory and research. *Prerequisite: 3 credits in Communications and Speech. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 2.5 — Forensic Activities.** Opportunities for intensive research on topics in debate and active participation in various forms of forensics in the University forensics program. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 2.6 — Communication Theory.** An interdisciplinary overview of communication theories from the perspective of the anthropologist, sociologist, educator, psychiatrist, philosopher, and scientist. *Prerequisite: none. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 2.7 — Propaganda and Public Opinion.** An overview of various techniques used to influence and control human behavior as expressed by theorists from Machiavelli to Mao. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 2.9 — Acting.** Study of fundamental theories of acting. Actors approach to theatre; establishment of character; inner resources; stage practices; and external acting techniques will be considered. *Prerequisite: Communications and Speech 1.9 or instructor's consent. 1 term – 3 semester hours.*

**Communications and Speech 3.0 — Rhetorical Criticism.** Exploration of approaches to the critical evaluation of significant speeches past and present. Rhetorical, literary, historical, linguistic and quantitative methods of criticism will be analyzed. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 3.1 — Advanced Oral Interpretation.** Continuation of Speech 2.1 through the oral interpretation of various types of literature: poetry, prose, drama. Students present short programs. *Prerequisite: Speech 2.1 or equivalent. Course meets Humanities Option requirement for B.S. degree. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 3.2 — Advanced Public Speaking.** Further application of theory and techniques acquired in Speech 1.2. Emphasis on effective delivery; longer speeches and class discussion. *Prerequisite: Communications and Speech 1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 3.3 — Language Acquisition.** Language acquisition in children, including phonological, morphological, semantic, and syntactic development. *Prerequisite: Communications and Speech 1.1. Required for students interested in speech therapy. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 3.4 — Speech and Language Problems in the Schools.** Methods of diagnosis and correction of speech and language problems. Discussion of causal factors, tutoring techniques, instructional materials, and planning and administering programs for students with speech and language problems. *Prerequisite: Communications and Speech 1.1 and 3.3. Required for students interested in speech therapy. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 3.5 — Advanced Theatre Workshop.** Detailed study of plays through preparation for performance. Advanced work and assistance with University theatre productions. *Prerequisite: Communications and Speech 1.5 or instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 3.6 — Persuasion.** An analysis of persuasive techniques, particularly those used by communicators in their attempt to gain public acceptance. *Prerequisite: none. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 3.7 — Introduction to Mass Communications.** Historical, political, and social backgrounds of the mass media, with emphasis on the oral aspects of mass communications. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 3.8 — Argumentation.** Projects in analysis, research evidence, briefing, refutation, and the delivery of debates on representative questions. *Prerequisite: none. Recommended for speech majors. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 3.9 — Directing.** Examination of the procedures and principles of play direction coupled with several laboratory experiences. Consideration given to script analysis, production coordination, actor-director relationships, and stylistic methods. *Prerequisite: Communications and Speech 1.9, 2.9, or instructor's consent. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.0 — Speech Writing.** Analysis and writing of principle types



of basic speeches. Organizing, adapting and presenting informative and persuasive speeches, technical reports, and speech manuscripts for scholarly projects. Concern with legislative, legal, ceremonial, and other forms of speeches. *Prerequisite: Communications and Speech 1.2. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.1 — Business and Professional Communication.** A study of communication in organizations. Practical application of theory and methods of communication to business and professional communications problems. Preparation and delivery of the common types of business and professional speeches. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.2 — Group Dynamics.** Group process and behavior; experimental analysis of how people behave in various group situations. *Prerequisite: none. Recommended for speech majors. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 4.3 — Seminar in Speech Communication for Teachers.** Examines how communication functions within the public school setting. Values of different methods of message transmission will be explored along with an examination of common communication problems and disorders that are found within the school situation. Problems related to the implementation of Chapter 766 (aid to the handicapped child) will also be covered. *Prerequisite: none. May be taken for graduate or undergraduate credit. Open to teachers and interested non-teachers. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.4 — Semantics.** Research in the various semantic theories, i.e., Ogden and Richards, "The Meaning of Behavior"; Korzybski, "Science and Sanity"; Morris, "Language, Sign and Behavior". A study of the psychological and sociological aspects of the relations between signs and symbols. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.5 — Advanced Forensic Activities.** Opportunities for advanced students to conduct intensive research on topics in advanced debate theory. Extensive participation is required in various forms of forensics in the University forensics program. *Prerequisite: Instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 4.6 — Workshop in Political Persuasion.** In-depth field study and analysis of a political campaign or persuasive governmental program in a public setting. Work will include an off-campus field study experience where students will have an opportunity to work with governmental offices on political projects. *Prerequisite: none. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 4.8 — Advanced Argumentation.** Examination of the theoretical foundations of the development of argumentation in contemporary society. Conceptual and experimental literature relevant to the use of evidence and the philosophical underpinnings that relate to problems in debate will be examined. *Prerequisite: Communications and Speech 3.8 or instructor's consent. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 4.9 — Stagecraft.** A study in application of the technical elements of play production with emphasis on stage techniques, set construction, and scene painting. Laboratory hours will be arranged in order to ensure adequate practical experience in the scenic arts and crafts. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 5.0 — Directed Study in Communications and Speech.** Academically qualified students in their senior year may elect to undertake an independent study in a specialized area of communications, speech and/or theatre. These projects may cover oral interpretation, group leadership, rhetorical criticism, mass communications or theatre. *Prerequisite:* 12 hours in Communications and Speech and permission of Departmental Chairperson. 1 term — 3 semester hours. Normally offered yearly.

## ECONOMICS

Department of Government and Economics — *Professor:* Archon (Chairman); *Associate Professor:* Shannon; *Assistant Professors:* Berg, Dushku, Elmusa, Latta, O'Callaghan, Sawhney. *Lecturers (part-time):* Bain, Bliss, Brownell, A. Burke, Dever, Eaton, Glacel, Gunhouse, Hoover, Kafi-Tehrani, Lehmann-Wilsig, Rabchenuk.

A major in the field of economics may pursue one of the following two programs of study:

**TRACK A. A.B. or B.S. in Economics** — Under this program, the major will be prepared for graduate training, teaching, and in a general way for banking, business, or government service. The normal requirements for the A.B. and the B.S. should be met plus the following:

Required Courses	Sem. Hrs.	Related Electives	Sem. Hrs.
Economics 1.1-1.2 .....	6	May be chosen from	
Economics 2.2 (Statistics) .....	3	any of the following:	
Economics 3.7-3.8		Accounting 1.1-1.2,	
(Intermediate Theory) .....	6	Mathematics 1.51, 1.52;	
Economics 3.9 (Econometrics) .....	3	Government 1.1, 3.0, 3.1, 3.2, 3.21,	
Economics 4.7 (Optimization		3.3, 3.4, 3.61, 4.0;	
Techniques) .....	3	Urban Sociology, Management 4.7,	
		Finance 3.1.	
Electives within the field			
of Economics .....	9		
	30		12

**TRACK B. A.B. or B.S. in Administrative Economics** — Under this program, the major will be trained primarily to qualify upon graduation for governmental or business employment. The normal requirements for the A.B. or the B.S. should be met plus the following:



Major Requirements	Sem. Hrs.	Related Electives	Sem. Hrs.
Economics 1.1-1.2 .....	6	May be chosen from any of the following:	
Economics 2.2 (Statistics) .....	3	Accounting 1.1-1.2	
Government 3.2-3.21 (Public Administration) .....	6	Accounting 4.7	
Economics 3.8 (Macro Theory) ....	3	Mathematics 1.52	
Economics 4.6 (Public Finance) ....	6	Government 1.1 or 3.6	
Economics 3.3 (Money & Banking) or		Accounting 2.3-2.4	
Economics 2.6 (Urban Economics) 3		Computer Science 3.1-3.2	
Economics electives .....	3	Appropriate courses in Government and/or Sociology	
	30		12
<b>Supplementary Requirements</b>	<b>Sem. Hrs.</b>		
Computer Science 2.1-2.2 .....	6		
Govt. 4.4 Practicum: Internship in Government .....	3		
Mathematics (course authorized by student's major advisor) .....	3		

Note: These supplementary requirements may be waived in the case of a student who has had two years of paid full-time experience in professional type government work.

**Economics Courses**

**Economics 1.1-1.2 — Principles of Economics.** Econ. 1.1 (Microeconomics) deals with the science of economics and the American economy, consumer behavior and business decision making, market structures, government anti-trust policy and its enforcement, income inequality, poverty and discrimination, the environment, alternative economic systems. Econ. 1.2 (Macroeconomics) deals with economics and the American economy, the national output, unemployment, fiscal policy, money, the problem of inflation, monetary policy, incomes policy, economic growth and the environment, international economics. 2 terms – 6 semester hours. Offered every year.

**Economics 2.2 — Introduction to Statistics.** A survey of statistical material and techniques, with special reference to economic and business data. Attention is given to methods of collecting, tabulating, charting, and analyzing statistical data; frequency distribution, index numbers, time series analysis, normal curve analysis, binomial distribution, and simple and multiple correlation are covered. Required of all majors in Economics. 1 term – 3 semester hours. Offered every semester.

**Economics 2.4 — Economic History of the United States.** This course traces the evolution of the major economic and political institutions of the U.S. as related to population, technology, and resources. Particular attention is given to the historical development of modern business organization and policy, financial institutions, techniques of production, transport, expansion of commerce, the labor movement, and the role of the state in national and international economic affairs. 1 term – 3 semester hours. Normally offered in alternate years.

**Economics 2.5 — Location Economics.** This course explores theoretical and pragmatic aspects of economic development, cyclical changes and trade between regions of the U.S. Industrial Locational Analysis and related measures, growth trends, range and income differentials, structural unemployed and income distributions are considered for various states and metropolitan areas. Special emphasis is given to inter-regional I-O tables and tools used in area economic projections. *Prerequisite: Econ. 1.1-1.2. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 2.6 — Urban Economics.** Emphasis on practical research problems and analysis of regional adjustment in a growing economy. Topics such as Urban Planning, Economic Base Studies, Tax Inequities, Income Distribution, Regional Mobility of Resources, Shift-Share Analysis, Differential Growth Rates among Regions, Regional Planning, Migration, Poverty, Transportation, and Urban Renewal. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 2.8 — Population Dynamics.** An analysis of the interaction of demographic and economic variables with special emphasis on the relationship between economic growth and population growth and on the implications of changing rates of population growth for the organization of our economic system. *Prerequisite: Econ. 1.1-1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.1 and 3.2 — Modern Economic Thought.** Econ. 3.1 — Mainstream economic thought: its development from Smith through Mill, Marshall and Keynes. The writings of such contemporary critics of our social and economic institutions as Galbraith and Friedman will be examined in terms of their relationship to this mainstream.

**Economics 3.2 — Radical Economic Thought.** Development of the radical critique of capitalism from the Utopian socialists through the anarchists and Marxists to the contemporary radical economists.

**Economics 3.3 — Money and Banking.** The nature and functions of money and credit; structure of the commercial banking and Federal Reserve banking systems; modern theoretical devices of monetary analysis and monetary theories. *Prerequisite: Econ. 1.1-1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered every semester.*

**Economics 3.4 — International Trade.** The relationship of international trade to the U.S. economy; balance of payments; gold standard; comparative costs; terms of trade; absolute and comparative advantage; tariffs; quotas. *Prerequisite: Econ. 1.1-1.2. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.5 — International Financial Relations.** Survey of international commercial policy, financial organizations, and contemporary problems including restoration of equilibrium in the balance of payments, effects of regional economic integration, and related topics. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.7 — Intermediate Economic Theory.** Analysis of consumer demand and production; functioning of the price system in the markets for commodities and factors production; equilibrium of the firm and industry under conditions of perfect and imperfect competition. *Prerequisite: Econ. 1.1-1.2. This course is required for all students who major in Economics. 1 term – 3 semester hours. Normally offered in alternate years.*



**Economics 3.8 — Intermediate Macro-Economic Theory.** Analysis of the determination of employment and of natural income and its components. Study of classical income and employment theories with emphasis placed on the Keynesian theory of employment, interest and money; on post-Keynesian theory of growth models. Special emphasis on static equilibrium theory. *Prerequisite:* Econ. 1.1-1.2. *This course is required for all students who major in Economics. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.9 — Introduction to Econometrics (I).** The application of statistical inference to the verification of economic postulates and problems. Topics considered are: Classical, Least Squares, Matrix Algebra, Autocorrelation, Heteroscedasticity, Homoscedasticity, Maximum Likelihood and Normality. The course is designed to acquaint the student with a wide range of tools which are directly applicable to research problems in business and economics. *Prerequisite:* Econ. 1.1-1.2. *This course is required for all students who major in Economics. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.91 — Econometrics II.** Topics considered are: Simultaneous Equation estimating techniques, Input/Output matrices and decision theory, Factor Analysis and Econometric model building. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.1 — Labor and Human Resources.** The development and consequences of trade unionism and labor legislation in the U.S. The economics of wage determination, employment, and discrimination. The theory of investment in people (education, health, etc.) based upon economic efficiency. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.4 — Economics of Welfare Programs.** After a brief survey of the theory of welfare economics, this course will examine the economic aspects of the various governmental welfare projects, such as aid to families with dependent children, the aged, medicare, aid to education, and plans for family income maintenance. *Prerequisite:* Economics 1.1-1.2. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.5 — Comparative Economic Systems.** A comparative study of capitalist theory and institutions, of the Marxian theory of Socialism and Communism, of the economic systems of other countries. *Prerequisite:* Econ. 1.1-1.2. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.6 — Public Finance.** Sources of federal, state and local tax revenue; public expenditures and the fiscal principles which govern them; public debt and methods of financing; shifting and incidence of taxation; the concept of taxable capacity. *Prerequisite:* Econ. 1.1-1.2. *1 term – 3 semester hours. Normally offered every year.*

**Economics 4.7 — Optimization Techniques in Economics I.** The application of optimization techniques to the solution of economic problems. Topics considered are: Static and Comparative Analyses; the application of Jacobian and Hessian determinants to functional dependence and maximization and minimization cases, respectively; Partial Differentiation of two or more variables; and Constrained Optimization. *This course is required for all students who major in Economics. Prerequisites:* Econ. 1.1-1.2; Mathematics 1.52 or instructor's consent. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.8 — Optimization Techniques in Economics II.** Topics considered are: Dynamic Analysis; Selected Topics in Difference Equations, Lagrangian Multipliers, Euler's Theorem and Production Functions, Market Models, Homogeneous Functions and Systems, Stability Conditions, Growth Models. *1 term – 3 semester hours. Normally offered in alternate years.*



**Economics 5 — Studies in Economics.** Hours and credits arranged to suit the needs of students for directed study and research in Economics. Admission to course only with the consent of Chairman of the Department of Economics.

## EDUCATION

Department of Education — *Professors:* Unger (Chairman), Lewandowski; *Associate Professors:* Bates, Burton, Eskedal, S. Mahoney, McCarthy, Visco, Winters; *Assistant Professors:* Jennings, Mishara, Moran, Sartwell, Shatkin, Stefaney; *Lecturers:* Adams, Ash, Barker, Batalis, Bowman, Cahalane, Chase, Connor, DeIulio, Diloretto, Evans, Feintech, Graceff, Hudson, Hurwitz, Kearns, Leary, Luther, Quintiliani, Rabin, Santeusanio, Toto, Walsh.

The major requirement in the Department of Education for elementary school teacher preparation may be satisfied by the completion of thirty-five semester hours of course work in the Department (B.S. degree program). The major may also be satisfied by a combination of thirty-two hours of course work in the Department and twenty-four hours of course work in an additional academic area (A.B. degree program). Courses in the following areas must be included in the professional preparation of either program: Foundations of Education, Methods of Teaching and Curriculum Development, Observation of Teaching and Student Teaching, and Educational Psychology.

The course of study recommended by the Department of Education for secondary school teacher preparation may lead to either the A.B. or B.S. degree. The following courses must be included: Foundations of Education, Methods of Teaching, Educational Psychology, Reading and Study Skills (except for Foreign Language majors), and Student Teaching.

### Curricula in Education

*All undergraduate students planning to enroll in teacher education programs are required to submit a formal application for admission to the Education Department subsequent to enrollment in the University. Application forms are available in the Education Department Office.*

The curricula for teacher training are planned to enable students in these programs to meet the requirements for teacher certification in the Commonwealth of Massachusetts. They are constructed in accord with what is considered desirable preparation for teaching positions. They go beyond the minimum requirements of the State Department of Education.

Those wishing to teach in states other than Massachusetts should write directly to the Department of Education of that state for a list of the



requirements. The Education Department of the College will assist the student in interpreting the requirements. The Massachusetts Board of Education has approved the following programs for the University's participation in the Interstate Certification Compact: Undergraduate Elementary Education; Graduate Elementary Education; Undergraduate Secondary Education (English and History); Graduate Secondary Education (English and History); Reading Specialization; and Secondary Counselor Education. Thus, graduates of these Suffolk programs are entitled to reciprocal certification among 32 states of the Union.

Students planning careers in elementary school teaching may earn the A.B. degree (Plan A — Combined Elementary Education-Liberal Arts major) or B.S. degree (Plan B — Elementary Education major).

All students concentrating in Education are required to take a minimum of three semester hours in Speech.

Media and instructional technology: All students in the teacher education programs will be introduced to and provided with the opportunity for developing basic skills in the operation and use of media hardware. Students will be required to design and produce media software appropriate to subject matter learning activities.

Students planning careers in secondary school teaching will elect the required courses in Education and must be careful to develop adequate course background in one or more teaching fields. Students concentrating in Secondary Education may major in these fields: Biology, Biochemistry, Chemistry, English, Foreign Languages, History, Humanities, Journalism-English, Mathematics, Physics, Physics-Chemistry combined major, Social Studies, Speech and Business Education.

Changes of any sort in student programming must be approved in writing by a member of the Department. Failure to comply with this regulation may result in a loss of credit toward graduation.

The Department wishes to emphasize that it reserves the right to require the withdrawal of a student from teacher education if in its estimation the probability of his success in teaching is doubtful. While the academic average of a student is not the sole factor in the determination of such success (others are interest, effort, personality, and proficiency in skill subjects), it is especially important that a student do his utmost to maintain a high academic average.

A minimum overall grade point average of 2.2 is required for continuance as a degree candidate in teacher education.

Furthermore, Elementary Education majors should earn a minimum grade



of C in the following courses: Foundations of Education, Educational Psychology, Developing Teaching Competencies, Creative Arts, and Methods in Teaching Reading and Mathematics. A student concentrating in Secondary Education must maintain a minimum grade point average of 2.2 in his teaching-subject major. A student who is within a reasonable degree of achieving the minimum grade point averages may request special permission from the Department for the privilege of continuing his program in teacher education.

### **Curriculum Materials Center**

The Curriculum Materials Center, located in room 303 of the Fenton Building, provides students with the opportunity to become acquainted with teaching resources. Total classes meet in the Curriculum Materials Center with their instructors to learn about its resources and individuals or small groups may also utilize the facility during those hours specified each semester.

### **Pre-Student Teaching Experience Requirements**

Before a candidate applies for student teaching, he must complete a "field experience" in education. Although it is possible for a student to engage in a variety of activities related to teaching, it is generally expected that he will gain experience in tutoring an individual or small group in his major teaching area. Elementary majors tutor in mathematics, science, social studies and language arts and are placed when they enroll in the basic methods courses. Secondary majors tutor in the reading and study skills needed to master specific content area such as social studies, mathematics, science, business or English and are placed when they enroll in Education 5.99.

### **Student Teaching**

Student teaching is the final professional experience for students in teacher education programs. It is in this extensive practicum that prospective teachers can experience all the varied roles of the classroom teacher. This key aspect of teacher education provides an opportunity for the evaluation of instructional effectiveness, interpersonal relations in guiding learning, personal and social qualities, and professional growth potential for teaching and certification. Evaluation of all professional activities is a continuous and individualized process during the student teaching period.

### **Special Regulations Concerning Student Teaching**

1. Student Teaching may be taken only by collegiate seniors and graduate students. Undergraduates must be concentrating in either Elementary



Education or Secondary Education to enroll in the course. Student teachers must be degree candidates (with the exception of some special students in the Intensive Summer Student Teaching Program).

2. Students wishing to elect student teaching must submit a written application concerning this matter to the Director of Student Teaching by the middle of the previous semester (by October 1 during the fall semester; by March 1 during the spring semester). Student Teaching cannot be elected by transfer students before their second semester of residence. Students who have submitted applications for student teaching must notify (in writing) the Director of Student Teaching should it become necessary to cancel their plans to student teach. Failure to do so before the registration period will result in the student being withdrawn from the teacher education program.

3. Student teachers must be available for school assignments every day. No doubt this will mean each undergraduate in Education should plan to attend at least one summer session, if he has not already done so, in order to lighten his academic schedule for the semester in which he undertakes student teaching.

4. Student teaching involves a minimum of sixty consecutive days of observation and teaching in the cooperating school (except during the Summer Session).

5. Student teachers are required by Massachusetts law to have a tuberculosis x-ray examination prior to the initiation of student teaching. This examination is provided free of charge by the City of Boston Department of Public Health (57 East Concord Street) Mondays through Fridays, 1-4:30. Students may also utilize a family physician or a local health center for the purpose of obtaining the x-ray examination.

6. All students concentrating in Elementary Education or Secondary Education must demonstrate proficiency in the areas of Speech and English prior to student teaching.

7. All students in Elementary Education should have completed all required Education Methods Courses before initiating student teaching. All students in Secondary Education should have completed Education 3.1, 3.2, 4.3, and 5.99 before initiating student teaching.

8. Suffolk undergraduate students should plan their study programs in such a way as to complete the student teaching requirement during the academic year. The Intensive Summer Student Teaching Program is designed for graduate students.

9. A grade of B or better is necessary for departmental approval and recommendation for certification.

## **Cooperating School Systems**

With the cooperation of the superintendents, of headmasters and principals, and of a large number of classroom teachers, Suffolk students have fulfilled the student teaching portion of the teacher education program in the schools of eastern Massachusetts cities and towns. The supervising faculty of the Education department, because of effective assistance by the cooperating teachers, has been able to make this one-semester experience both practical and meaningful.

## **ELEMENTARY SCHOOL TEACHING (GRADES 1-6)**

The undergraduate program in elementary education is designed to provide training in the essential teaching competencies, principles of curriculum design and the social and cultural perspectives necessary for professional understanding and growth. While the general sequence is intended to prepare individuals to work within a variety of elementary school models (e.g., team teaching, non-graded, open classroom, individualized), additional coursework is available for in-depth study preparatory to such professional goals as early childhood education, reading specialization, urban teaching, curriculum specialization and diagnostic/remedial teaching. Students are encouraged to supplement their program with coursework in the behavioral sciences through judicious selection of free electives.

Two plans are offered with a major in elementary education. Plan A leads to an **A.B.** or **B.S.** degree with combined Elementary Education-Liberal Arts major which will include twenty seven semester hours in elementary education and twenty four semester hours in an additional subject matter field. While a specific professional goal may be the basis for choosing this program (e.g., team teaching or curriculum specialization), it also offers the student an opportunity to pursue a discipline in depth for personal development. Plan B, which requires thirty hours in elementary education, leads to a B.S. degree with a major in elementary education. It is supplemented with elective courses selected to meet personal needs and interests. Students should consult with the Department in order to determine which plan is to be selected. Both plans require the completion of 124 semester hours.



**Plan A — A.B. Degree**  
(124 Semester Hours)

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
English 1.1-1.2 .....	6	English Option .....	6
Humanities Option** .....	6	History 2.4 .....	3
Sociology 1.1 .....	3	Education 3.1 .....	3
Psychology 1.1 .....	3	Major Electives .....	6
Laboratory Science*** .....	8	Second Year Foreign Language ...	6
First Year Foreign Language .....	6	Speech 1.2 .....	3
		Elective .....	3
	<hr/> 32		<hr/> 30
 <b>Junior</b>	 <b>Sem. Hrs.</b>	 <b>Senior</b>	 <b>Sem. Hrs.</b>
Electives .....	6	Major Electives .....	6
Major Electives .....	12	Electives .....	9
Education 3.2 .....	3	Education 4.10-4.11 .....	8
Education 4.12 .....	3	Education 4.20 .....	9
Education 4.13 .....	3		
Education 5.23 .....	3		
	<hr/> 30		<hr/> 32

**Plan A — B.S. Degree**  
(124 Semester Hours)

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
English 1.1-1.2 .....	6	English Option .....	6
Communications Option* .....	6	History 2.4 .....	3
Sociology 1.1 .....	3	Education 3.1 .....	3
Psychology .....	3	Major Electives .....	6
Humanities Option** .....	6	Electives .....	12
Laboratory Science*** .....	8		
	<hr/> 32		<hr/> 30
 <b>Junior</b>	 <b>Sem. Hrs.</b>	 <b>Senior</b>	 <b>Sem. Hrs.</b>
Major Electives .....	12	Major Electives .....	6
Education 3.2 .....	3	Electives .....	9
Education 4.12 .....	3	Education 4.10-4.11 .....	8
Speech 1.2 .....	3	Education 4.20 .....	9
Education 4.13 .....	3		
Education 5.23 .....	3		
Elective**** .....	3		
	<hr/> 30		<hr/> 32

## Plan B — B.S. Degree

(124 Semester Hours)

Freshman	Sem. Hrs	Sophomore	Sem. Hrs.
English 1.1-1.2 .....	6	English Option .....	6
Communications Option* .....	6	History 2.4 .....	3
Sociology 1.1 .....	3	Education 3.1 .....	3
Psychology 1.1 .....	3	Major Electives .....	6
Humanities Option** .....	6	Electives .....	12
Laboratory Science*** .....	8		
	32		30
Junior	Sem. Hrs.	Senior	Sem. Hrs.
Education 3.2 .....	3	Education 4.10-4.11 .....	8
Education 4.12 .....	3	Education 4.26 .....	3
Education 4.13 .....	3	Electives .....	12
Electives**** .....	15	Education 4.20 .....	9
Education 5.23 .....	3		
Education 4.95 or 3.3 .....	3		
	30		32

\*Communications Option to be chosen from 2 semester sequences in: Linguistics, Modern Languages, Mathematics (except Math. 1.3-1.4), Speech, Computer Science, Journalism, Logic.

\*\*Humanities Option to be chosen from 2 semester sequences in: Humanities, Literature, Philosophy (except Logic), or Speech (Oral Interpretation of Literature).

\*\*\*Laboratory Science Option to be chosen from 2 semester sequences with lab in: Biology, Chemistry, Physics, Physical Science.

\*\*\*\*The following courses are highly recommended for elementary education majors: Education 3.1, 3.3, 4.14, 4.2, 4.28, 4.29, 4.40, 4.95, 4.96, 6.10, 8.1, English 4.32, 4.33.

Students are encouraged to consult their advisors in order to make selections most pertinent to their professional goals.

## Bachelors Degrees — Business Education

The B.S. in Business Education is designed primarily for transfer students from approved Junior and Senior Colleges with a maximum of 60 credits and/or the Associate Degree in the Secretarial Sciences. Up to 24 credits in the skills (Typing, Shorthand, Office Procedures, etc.) will be accepted. This program is also available to students without a background in Secretarial Skills who would then be allowed to earn their credits (minimum of 12 hrs.) in the skills. These skill credits are to be applied only to a B.S. in Business Education.



<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
English 1.1, 1.2 .....	6	English Option .....	6
Communications Option 1* .....	6	Psychology 1.1 .....	3
Social Science Option 2* .....	6	Education 3.1 .....	3
Humanities Option 3* .....	6	Education 3.2 .....	3
Natural Science Option 4* .....	8	Speech 1.2 .....	3
		Accounting 1.1, 1.2 .....	6
		Marketing 2.1 .....	3
		Economics 1.1 .....	3
	<hr/> 32		<hr/> 30

<b>Junior</b>	<b>Sem. Hrs.</b>	<b>Senior</b>	<b>Sem. Hrs.</b>
Curriculum & Methods in the Teaching of Secondary School Subjects 7* .....	6-8	Major Field 6* .....	12
Education 5.99 .....	3	Education 4.21 .....	9
Business Law 2.1, 2.2 .....	6	Related or Free Electives .....	9
Major Field Skills 5* .....	12		
Free or Related Electives .....	3		
	<hr/> 30-32		<hr/> 30

N.B. Should a student change his/her Business Education major then the credits received for the skill courses could not be used toward a degree in the new major.

- 1\* Communications Option to be chosen from 2 semester sequences in: Linguistics, Modern Languages, Mathematics (except Math 1.3-1.4), Speech, Computer Science, Journalism, Logic.
- 2\* Social Science Option to be chosen from 2 semester sequences in: History, Government, Economics, Sociology, Education 2.1-2.2.
- 3\* Humanities Option to be chosen from 2 semester sequences in: Humanities, Philosophy (except Logic), Oral or Written Literature.
- 4\* Laboratory Science Option to be chosen from 2 semester sequences with Lab in: Biology, Chemistry, Physics, Physical Science.
- 5\* All students in the B.S. in Business Education Program must take a minimum of 12 credits in the skills (which should include 6 hours in typewriting and 6 hours in another skill area such as shorthand, office machines, or computer training). However, no more than 24 hours of skills training may be applied to this degree.
- 6\* Options to be chosen from the areas of Accounting, Marketing, Management or used for additional skills courses (not to exceed the 24 maximum).
- 7\* May be chosen from the following: E4.3, E4.4, E4.18, E6.44, E6.45, E6.46.

## SECONDARY SCHOOL (JUNIOR-SENIOR HIGH)

The undergraduate programs in secondary education exist to prepare candidates in three basic areas: first, the general education necessary to become acquainted with many branches of knowledge, to gain insights into

the human condition and human behavior, and to develop flexibility of mind; second, a major concentration in a subject appropriate for high school teaching; third, professional studies in education. The undergraduate B.A. and B.S. programs are accordingly designed to include the general education component common to all undergraduate programs in the university, allied with a major concentration so articulated as to provide the student with a strong and soundly-based analytic competency in a given subject area. In addition, students undertake a concentration in education aimed at insuring that they will be able to identify and evaluate the major theoretical and practical problems confronting contemporary educators with the major systematic approaches to solving them, to utilize general classroom skills and procedures, integrating them in a teaching style appropriate to the strengths of the individual and the demands of the setting and subject matter, to plan units of curriculum and translate them into effective learning experiences, to assess and ameliorate such reading difficulties as militate against pupil progress, to appraise individual differences, to modify instructional strategies to account for them, and to evaluate pupil performance.

### **The Bachelor of Science Degree**

This program is designed for students in the College of Liberal Arts and Sciences who wish to prepare for secondary school teaching by pursuing a Bachelor of Science degree.

Students are advised that the sequences of the program are flexible and may be rearranged to suit the various needs of the students' major requirements. The following majors are available: Biochemistry, Biology, Business Education\*, Chemistry, Chemistry-Physics (combined major), English, Foreign Languages, History, Humanities, Journalism-English (combined major), Mathematics, Physics, Social Studies and Speech. There is also a separate program leading to the B.S. in B.A. for those students in the College of Business Administration. Students may utilize appropriate courses within an option toward their major requirements. COURSE REQUIREMENT CHECKLISTS ARE AVAILABLE AT THE DEPARTMENT OF EDUCATION OFFICE-ROOM F-244.

\*The B.S. Degree may be utilized for coursework in Business Education and the University may accept transfer students from approved Junior and Senior Colleges with a maximum of 60 credits or the Associate Degree in the Secretarial Sciences. However, no more than 24 credits in the skills (typewriting, shorthand, business machines, etc.) will be accepted. The program is also available for present Suffolk University students who may be allowed to earn their credits in the skills outside the University. These skill credits are to be applied only to a B.S. in Business Education.



**Bachelor of Science — Secondary Education**

(124 Semester Hours)

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
English 1.1-1.2 .....	6	English Option .....	6
Communications Option* .....	6	Psychology 1.1 .....	3
Social Science Option** .....	6	Education 3.1 .....	3
Humanities Option*** .....	6	Education 3.2 .....	3
Laboratory Science Option**** .....	8	Speech 1.2 .....	3
		Major Field Electives .....	9
		Related or Free Electives .....	3
	<hr/>		<hr/>
	32		30
 <b>Junior</b>	 <b>Sem. Hrs.</b>	 <b>Senior</b>	 <b>Sem. Hrs.</b>
Education 4.3-4.4 .....	8	Major Field Electives .....	9
Education 5.99 .....	3	Education 4.21 .....	9
Major Field Electives .....	12	Related or Free Electives .....	12
Related or Free Electives .....	9		
	<hr/>		<hr/>
	32		30

\*Communications Option to be chosen from 2 semester sequences in: Linguistics, Modern Languages, Mathematics (except Math. 1.3-1.4), Speech, Computer Science, Journalism, Logic.

\*\*Social Science Option to be chosen from 2 semester sequences in: History, Government Economics, Sociology, Education 2.1-2.2

\*\*\*Humanities Option to be chosen from 2 semester sequences in: Humanities, Literature, Philosophy (except Logic), or Speech (Oral Interpretation of Literature).

\*\*\*\*Laboratory Science Option to be chosen from 2 semester sequences with lab in: Biology, Chemistry, Physics, Physical Science.

**Bachelor of Arts Degree**

This program is designed for students in the College of Liberal Arts and Sciences who wish to prepare for secondary school teaching by pursuing a Bachelor of Arts degree. The program is available in the following major fields: Biochemistry, Biology, Chemistry, English, Foreign Language, History, Humanities, Journalism-English, Mathematics, Physics, Physics-Chemistry (combined major), Social Studies, and Speech. Students in the Sciences are normally enrolled in the B.S. program but may choose the A.B. if they wish to do so (such students should consult with their advisors in both the Science and Education Departments). COURSE REQUIREMENT CHECKLISTS FOR THE VARIOUS MAJORS LISTED ABOVE ARE AVAILABLE AT THE DEPARTMENT OF EDUCATION OFFICE IN ROOM 244.

## Advisors for Students in Education

Suffolk University is a member of the American Association of Colleges for Teacher Education. Suffolk's membership in the Association is predicated upon the fact that teacher education is a vital concern of the entire University. Consequently, responsibility for and interest in Suffolk's teacher education programs involve personnel both within and without the Department of Education. The College Committee on Teacher Education, the Department Chairmen and the Department of Education are especially eager that students in the Education programs receive the professional assistance so vital in the shaping of a rewarding and meaningful academic career. Students are encouraged to meet often both with their professors in Education and with their major advisors. The advisors listed below have been designated as liaison faculty in the various Departments of the Colleges:

Biology	Professor Philip F. Mulvey, Jr.
Business Administration	Professor Lee Sutherland
Chemistry	Professor Maria M. Bonaventura
English	Professor Robert K. Johnson
Foreign Language	Professor Cleophas W. Boudreau
Government	Professor John O'Callaghan
History	Professor Edward G. Hartmann
Humanities	Professor Florence R. Petherick
Journalism	Professor Malcolm Barach
Mathematics	Professor William J. Buckingham
Philosophy	Professor Philip D. Pearl
Physics	Professor Walter H. Johnston, Jr.
Psychology	Professor Elizabeth S. Williams
Sociology	Professor Phyllis Mack
Speech	Professor Allan Kennedy

## Teacher Certification in Massachusetts

### General Requirements

To be eligible for a certificate an applicant should present:

1. Evidence of American citizenship.
2. Evidence of good health.
3. Evidence of sound moral character.
4. Evidence that the applicant possesses a bachelor's degree.

### Special Requirements

**Elementary School Certificate** — Eighteen semester hours are required in education courses which include not less than 2 semester hours (120 clock hours) in supervised student teaching in elementary grades. The remaining



semester hours shall include courses from two or more of the following areas:

Educational Psychology, including Child Growth and Development  
Philosophy of Education  
Methods and Materials in Elementary Education  
Curriculum Development in Elementary Education

**Secondary School Certificate** — Twelve semester hours are required in education courses which will include not less than two semester hours (120 clock hours) in supervised student teaching in secondary schools. The remaining semester hours shall include courses in two or more of the following areas:

Educational Psychology, including Adolescent Growth and Development  
Philosophy of Education  
Methods and Materials in Secondary Education  
Curriculum Development in Secondary Education

At least eighteen semester hours of course work in the major subject field and nine semester hours in a minor subject field are also required. These majors and minors may be obtained in science, English, social studies, foreign languages, history, government, mathematics, and business administration.

Those working for certification in principalships, supervisory positions, guidance and special subjects teaching should arrange for an interview with the Chairman of the Education Department or his representative.

## **Education Courses**

**Education 2.1-2.2 — Introduction to Education in American Society.** This course has been designed primarily as an optional elective to meet, in part, the undergraduate social science requirement in general education. Focus will be on the school as a social institution. Significant aspects of American culture and society will be considered to provide a setting for the study of the process, organization and problems of American education. *This course may not be taken for graduate credit. 2 terms – 6 semester hours. Normally offered yearly.*

**Education 3.1 — Foundations of Education.** Orientation to teaching as a career. An introduction to the organization, role and purposes of elementary and secondary education in American society. Consideration of the philosophical, historical and social foundations of education as an institution. *1 term – 3 semester hours. Normally offered yearly.*

**Education 3.2 — Educational Psychology.** An examination of the nature of human abilities and of the teaching-learning process. The course includes a consideration of the facts and generalizations of child and adolescent growth and development. *Required of all students concentrating in Education. 1 term – 3 semester hours. Normally offered yearly.*

**Education 3.3 — An Introduction to the Exceptional Child in the Schools.** An introductory survey course concerning the child with special needs. Topics to be covered are gifted children; mild, moderate and severe general learning disabilities; children with behavior, oral communication, hearing, vision, health, and specific learning problems. Massachusetts Chapter 766 and the concept of mainstreaming in education will be discussed. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.2 — Classroom Testing.** Study of the principles of measurement as they relate to the evaluation and assessment of the instructional process. Specification of the objectives of instruction and construction of tests to measure outcomes, particularly in the cognitive domain. *1 term – 3 semester hours. Normally offered every third year.*

**Education 4.3 — Methods of Teaching: Secondary Education, Classroom Interaction and Group Management.** The role of the teacher in the design of significant learning experiences for adolescents is studied. Analysis of the forces, dynamics, and interaction patterns of group process in the teaching-learning transaction. Included will be audio visual instruction. *Required of all Secondary Education minors. 1 term – 4 semester hours. Normally offered yearly.*

**Education 4.4 — Methods of Teaching: Development of Teaching Competencies in the Secondary School.** A course designed to aid secondary education students to develop teaching skills in the following areas: objectifying instruction, selecting and organizing content, guiding learning activities and assessing learning. All major areas of the secondary curriculum (English, math, science, social studies and foreign languages). *Prerequisite: Education 4.3. 1 term – 4 semester hours. Offered each spring semester only.*

**Education 4.5 — Future Patterns & Problems of Education.** This course explores the basic methodology of futures research to identify the means of forecasting social change. Group projects in the design of possible future scenarios for education will be conducted. *1 term – 3 semester hours. Normally offered every third year.*

**Education 4.7 — Seminar in Methodology: Art.** This course deals with three areas: theory, studio involvement and the study of the teaching-learning situation. It examines school art programs through a study of basic literature and analysis of teaching methods. Attention is given to the ordering and budgeting of supplies in curriculum planning. (Held in the art section of the Division of Instruction of the Newton Public Schools, this seminar provides opportunities for direct and extensive observation and utilization of those facilities.)

Run in conjunction with Observation and Student Teaching in Art Education, practical instructional experience is provided in the following areas: print making, drawing, painting, collage, ceramics, papier-mache, wood carving, welding, assemblage, film making, light shows, animation, project images via slides, and sand casting. *1 term – 3 semester hours. Normally offered annually.*

**Education 4.9 — Reading and Study Skills in the Secondary School.** Basic course in reading in the secondary school; investigates the reading process (major emphasis placed on reading and study skills methodology essential for content mastery in most secondary school subject matter areas). Discussion of the special problems of the remedial reader. Reading tests and procedures for grouping will be analyzed. Issues such as speed reading and innovative reading programs will be studied. This course will also be the locus for selected general pre-professional placements as a prerequisite experience for a later course in student teaching. *Required of all students in Secondary Education Programs. 1 term – 3 semester hours. Not offered after 1975-1976. See Educ. 5.99.*



**Education 4.10-4.11 — Elementary Methods: Developing Competencies for Elementary School Teaching.** An introduction to the basic competencies of classroom teaching. Students will be expected to objectify, plan, select materials for, conduct, and assess learning activities in a preservice teaching setting arranged for this course. The following areas of the elementary curriculum will be considered: Language Arts, Math, Social Studies and Science. These courses will be taken concurrently in the last half of the junior year or the first half of the senior year preceding student teaching. *Required of all students majoring in Elementary Education. 2 terms – 8 semester hours. Normally offered yearly.*

**Education 4.12 — Teaching Elementary Reading.** A course concerned with teaching reading in grades K-6. Includes the reading process, reading readiness, grouping techniques, basal, individualized, linguistic, language-experience and its approaches, phonics in the reading program, word recognition and comprehension skills. *Required of all elementary education majors. Must be completed by the middle of the senior year and/or prior to student teaching. 1 term – 3 semester hours. Normally offered yearly.*

**Education 4.13 — Elementary Methods: Mathematics and Its Teaching.** A study of basic concepts involved in elementary school mathematics, including set theory, systems of numeration, properties and relations, number systems and basic ideas in geometry. Methods of teaching the above and their sequential development will be presented. *Required of all students majoring in Elementary Education. 1 term – 3 semester hours. Normally offered yearly.*

**Education 4.14 — Art for the Classroom Teacher.** This course develops an understanding of art as an integral part of the elementary curriculum. The materials and methods suitable for developing a qualitative art program on this level are explored. Emphasis on developing the perceptual, intellectual and emotional experiences of the child through art expression. Recommended for all students planning to teach in the elementary grades. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.18 — Curriculum and Methods in the Teaching of Secondary Basic Business Subjects.** Study and evaluation of the contemporary secondary Business Education Curriculum. This course will analyze the most current methods and developments as well as the newly emerging subjects in the field of Business Office and Career Education. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.20 — Student Teaching (Elementary).** Observation and student teaching in selected elementary schools. Conferences with the supervising teacher and cooperating school teacher. The course is to be taken in either semester by undergraduate seniors or graduate students. Education 4.20 is required of all students majoring in Elementary Education. (See Special Regulations concerning Student Teaching.) *1 term – 9 semester hours. Normally offered yearly.*

**Education 4.21 — Student Teaching (Secondary).** Observation and student teaching in selected secondary schools. Conferences with the supervising teacher and the cooperating school teacher. The course may be taken either semester by undergraduate seniors or graduate students. Education S4.21 will be offered during each summer session for 6 semester hours; for graduate students only. (See Special Regulations concerning Student Teaching.) *1 term – 9 semester hours. Normally offered yearly.*

**Education 4.26 — Elementary Curriculum Development.** A study of the principles of designing curricula for the elementary grades. This is done from the standpoint of the logic and

structure of the subject matter, the child as a learner, and the aims of the school. Required of all students majoring in Elementary Education. Recommended for in-service teachers and graduate students in the Foundations of Education program. *1 term – 3 semester hours. Normally offered annually.*

**Education 4.28 — Open Concept Education.** Unifying theme of this course will be to introduce the concept of openness in education. Topics will include the development of open concept education in the U.S. and how it has been influenced by the British Infant School; assessing how the educational setting affects the ability and opportunities for children to learn; and developing criteria for selecting and developing materials in an open classroom setting. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.29 — Advanced Topics in Elementary Mathematics and Science.** Investigation and comparison of current and emerging curricula and materials in elementary school mathematics and science. Some teaching experience would be advisable. *Prerequisite: Education 4.13 or consent of instructor. Laboratory fee: \$15. 1 term – 3 semester hours. Normally offered alternate years.*

**Education 4.39 — Seminar in Secondary Curriculum Innovation: Social Studies.** A critical evaluation of recent innovations in secondary social studies curricula. There will be individual and group analysis of materials and study of the organization of disciplines within the social studies. Recommended for graduate students, experienced teachers, and undergraduates with training in education. *1 term – 3 semester hours. Normally offered every third year.*

**Education 4.95 — Issues in Early Childhood Education.** Explores basic assumptions and beliefs upon which recently developed early childhood programs rest. Programs and models such as Bank Street, Cognitively Oriented Curriculum, Montessori and British Infant School are analyzed. Recommended for students interested in Early Childhood Education. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.96 — Advanced Topics in Elementary Language Arts.** Investigations and comparisons of current and emerging curricula and materials in Elementary Language Arts. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5 — Studies in Education.** Members of the Department will hold conference hours with students and will direct their readings in areas of educational research which may be of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendation of the Department Chairman and with the approval of the Dean. *1 term – 3 semester hours.*

## ENGLISH

Department of English — *Professors:* Vogel (Chairman), Bigelow, Clark, Connors, Johnson, Millner and Wilkins; *Associate Professors:* Boutelle, Colburn and M. Mahoney; *Assistant Professors:* Celli, Hughes, Jurich, Lottridge and Merzlak; *Instructor:* Marchant; *Lecturers:* Dickstein, Hershfang, Martin, McKinley, Mandl, Stratman.

All degree candidates for liberal arts and science, journalism, and business administration are required to take four semesters of English. This requirement is normally fulfilled in the Freshman and Sophomore years.



**Semester 1** — Students will normally be assigned to English 1.1 (Freshman English). Students who need more preparation will be assigned to English 1.0 (Writing Skills) or English 1.3 (English as a Second Language). Students with a high degree of competence in composition will be assigned to English 1.4 (Advanced Freshman English).

As a condition of admission to the University, some students are required to take English 1.5 (Communication Process). Such students may also take English 1.1 during the first semester unless assigned to English 1.0 or English 1.3.

Upperclass probationary students with a reading deficiency may be required to take English 1.6.

(English 1.5 and English 1.6 may be taken as a free elective with permission of the Director of Reading.)

**Semester 2** — All students will take English 1.2 (Freshman English).

**Semesters 3 and 4** — All B.A. students in Liberal Arts will take English 2.3-2.4.

All Business Administration students will take English 2.3-2.4.

All B.S. students in Liberal Arts may take English 2.3, 2.4, 3.3, 3.4 or courses listed on p. 89. No other English course will satisfy the third and fourth semester requirements.

Transfer students with an English major must complete at least nine hours beyond English 2.3-2.4 in courses given by the Suffolk English department.

All English majors must also take at least one course from each of the five options on p. 93. Anyone who has completed English 5H (Honors in English) can substitute it for one of the groupings.

English courses taken for graduate credit will require extra written and reading assignments.

In addition to B.A. and B.S. degrees in English, the department also offers a bachelor's degree combining English, Journalism, and Secondary Education. Requirements vary slightly from those of the regular English major. See pp. 95-96.

All English majors must have their programs approved each semester by an advisor from the English department.

## English Options

### Option 1

- English 3.73 Chaucer
- English 3.5 Shakespeare: The Comic Spirit
- English 3.6 Shakespeare: The Tragic Spirit
- English 3.11 Classical Drama
- English 3.12 Classics Before Christ

### Option 2

- English 3.8 Seventeenth Century Literature
- English 3.9 The Age of Enlightenment
- English 4.3 The Eighteenth-Century English Novel

### Option 3

- English 4.4 The Nineteenth-Century English Novel
- English 4.5 The Romantic Age: Poetry and Prose
- English 4.6 The Victorian Age: Poetry and Prose

### Option 4

- English 3.21 The Rise of American Fiction
- English 3.22 Thoreau, Hawthorne, and Melville
- English 3.23 American Realism and Naturalism
- English 3.24 Whitman and Dickinson
- English 4.30 The Literature of Race, 1746-1940
- English 4.31 The Literature of Race, 1940 to Present

### Option 5

- English 4.7 Modern English Poetry
- English 4.8 Modern American Poetry
- English 4.9 Modern American Drama
- English 4.11 Modern English Novel
- English 4.12 Modern American Fiction
- English 4.14 Modern British Drama

## Free Electives in English\*\*

(These will not count as English options for B.S. candidates)

- |                   |   |
|-------------------|---|
| English 3.1       | History of the English Language                                 |
| English 3.14      | The Literature of Poverty                                       |
| English 3.15-3.16 | Writing Workshop  |
| English 3.17-3.18 | Directed Writing  |
| English 3.25      | Studies in Short Fiction  |
| English 3.76      | The Bible As Literature: Old Testament                          |
| English 3.77      | The Bible As Literature: New Testament                          |
| English 4.2       | Modern World Drama  |
| English 4.10      | American Theatre Today  |
| English 4.15      | American Musical Theatre  |
| English 4.16      | Irish Literature  |
| English 4.21      | It Happened in Boston: A City in Fiction                        |
| English 4.22      | Their Money and Their Lives: Businessmen in American Literature |

\*\*Any course under list of English options (p. 93) not already covered.



English 4.23	Novels and Newspapers
English 4.28	Fantasy and Folklore
English 4.32	Children's Literature
English 4.33	Adolescent Literature
English 4.34	Women in Literature
English 4.39	Murder as a Fine Art: Classic Tales of Mystery and Terror
English 4.40	Science Fiction
English 4.41	The World on Film
English 4.42	Talking Pictures: The Eyes and Ears Of The World
English 4.43	Law and Literature
English 4.45	New Found Lands: Canadian Literature

**English Major with A.B. Degree**

<b>Freshman</b>		<b>Sem. Hrs.</b>	<b>Sophomore</b>		<b>Sem. Hrs.</b>
Eng. 1.1-1.2 (does not count toward English major or minor) .....		6	Eng. 2.3-2.4 (does not count toward English major) .....		6
Hist. 1.1-1.2 or Hist. 1.3-1.4 .....		6	English major course* .....		6
Related Elective .....		6	Foreign Language 2.1-2.2 or elective .....		6
Social Science Option .....		6	Science Option .....		8
Foreign Language 1.1-1.2 or 2.1-2.2 .....		6	Social Science Option .....		6
		<u>30</u>			<u>32</u>
<b>Junior</b>		<b>Sem. Hrs.</b>	<b>Senior</b>		<b>Sem. Hrs.</b>
English major course* .....		6	English major course* .....		6
English major course* .....		6	English major course* .....		6
Science Option .....		6	Elective .....		6
Related Elective .....		6	Elective .....		6
Elective .....		6	Elective .....		6
		<u>30</u>			<u>30</u>

\*NOTE: English major course must include one from *each* of five options (see p. 93).

**English Major with B.S. Degree**

<b>Freshman</b>		<b>Sem. Hrs.</b>	<b>Sophomore</b>		<b>Sem. Hrs.</b>
Eng. 1.1-1.2 (does not count toward English major) .....		6	English Option (Eng. 2.3-2.4 required) .....		6
Social Science Option .....		6	Humanities Option .....		6
Communications Option .....		6	English major course* .....		6
Elective .....		6	Elective .....		6
Science Option .....		8	Related Elective .....		6
		<u>32</u>			<u>30</u>

<b>Junior</b>	<b>Sem. Hrs.</b>	<b>Senior</b>	<b>Sem. Hrs.</b>
English major course* .....	6	English major course* .....	6
English major course* .....	6	English major course* .....	6
Related Elective .....	6	Elective .....	6
Elective .....	6	Elective .....	6
Elective .....	6	Elective .....	6
	<hr/> 30		<hr/> 30

\*NOTE: English major courses must include one from *each* of five options (see p. 93).

If all twelve hours of related elective are taken in Humanities and/or Philosophy, then the Humanities option (listed above in sophomore year) becomes a free elective.

## English-Journalism-Education (Combined Major)

This program leads to the A.B. degree.

### Freshman

<b>First Semester</b>	<b>Sem. Hrs.</b>	<b>Second Semester</b>	<b>Sem. Hrs.</b>
English 1.1 .....	3	English 1.2 .....	3
History 1.1 or 1.3 .....	3	History 1.2 or 1.4 .....	3
Journalism 2.1 .....	3	Journalism 2.2 .....	3
Humanities Option .....	3	Humanities Option .....	3
Social Studies Option .....	3	Social Studies Option .....	3

### Sophomore

<b>First Semester</b>	<b>Sem. Hrs.</b>	<b>Second Semester</b>	<b>Sem. Hrs.</b>
English 2.3 .....	3	English 2.4 .....	3
First Year Foreign Language .....	3	First Year Foreign Language .....	3
Science Option .....	4	Science Option .....	4
Journalism 2.3 .....	3	Journalism Elective .....	3
English Elective .....	3	English Elective .....	3

### Junior

<b>First Semester</b>	<b>Sem. Hrs.</b>	<b>Second Semester</b>	<b>Sem. Hrs.</b>
Second Year Foreign Language ...	3	Second Year Foreign Language ...	3
Journalism 3.1 or 4.1 .....	3	Education 2.3 .....	3
English Elective .....	3	Education 4.9 .....	3
English Elective .....	3	English Elective .....	3
English Elective .....	3	English Elective .....	3



**Senior**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Education 4.31 .....	3	Education 4.32 .....	3
Education 4.21 .....	9	Speech 1.2 .....	3
Journalism 3.5 .....	3	English Elective .....	3
Education 3.2 .....	3	Elective .....	3

**English-Journalism-Education**  
**(Combined Major)**

This program leads to the B.S. degree.

**Freshman**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 1.1 .....	3	English 1.2 .....	3
Journalism 2.1 .....	3	Journalism 2.2 .....	3
Social Science Option .....	3	Social Science Option .....	3
Humanities Option .....	3	Humanities Option .....	3
Laboratory Science Option .....	4	Laboratory Science Option .....	4

**Sophomore**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 2.3 .....	3	English 2.4 .....	3
Psychology 1.1 .....	3	Education 3.2 .....	3
Education 2.3 .....	3	Speech 1.2 .....	3
English Elective .....	3	English Elective .....	3
Journalism 2.3 .....	3	Journalism 3.3 .....	3

**Junior**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 3.1 .....	3	Elective .....	3
Education 4.9 .....	3	Related or Free Elective .....	3
English Elective .....	3	English Elective .....	3
Journalism 2.7 .....	3	English Elective .....	3
English Elective .....	3	English Elective .....	3

**Senior**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Journalism 3.5 .....	3	Education 4.32 .....	3
English 4.33 .....	3	Education 4.21 .....	9
Related or Free Elective .....	3	English Elective .....	3
Related or Free Elective .....	3		
Education 4.3 .....	3		

L1.3-L1.4 and used as science credit by non-science majors. 3 hours lecture. 2 terms – 6 semester hours. Offered evenings only.

**Chemistry 1.3-1.4 — Chemistry of the Environment.** Basic principles of chemistry and the analysis of environmental problems from a scientific viewpoint. Topics include air and water pollution, power generation, chemicals used in food, agriculture, and modern materials. *May be used as science credit by non-science majors only.* 3 hours lecture. Laboratory optional. 2 terms – 6 semester hours. Normally offered days only.

**Chemistry L1.3-L1.4 — Chemistry of the Environment Laboratory.** Water pollution studies and various techniques used in analyzing environmental problems are stressed. 2-hour laboratory period. *Concurrent enrollment in Chemistry 1.3-1.4 or 1.11-1.12 required.* 2 terms – 2 semester hours. Normally offered days only.

**Chemistry 2.1-2.2 — Organic Chemistry.** The essential chemistry of functional groups and basic theories as applied to the study of organic compounds. Mechanistic studies, stereochemistry, and the relationship of spectroscopy to structure are included. 3 hours lecture. *Prerequisite: Chemistry 1.2.* 2 terms – 6 semester hours. Normally offered days and evenings.

**Chemistry L2.1-L2.2 — Organic Chemistry Laboratory.** Laboratory exercises consisting of techniques of separation and purification, including chromatographic methods; synthesis and spectroscopic characterization of organic compounds; reactivity studies. *Concurrent enrollment in Chemistry 2.1-2.2 required.* 4-hour laboratory. 2 terms – 2 semester hours. Normally offered days and evenings.

**Chemistry 2.41-2.42 — Biochemistry.** The chemistry of amino acids, proteins, fats, carbohydrates, and nucleic acids with emphasis on metabolism. Includes a brief introduction to immunology. 3 hours lecture. *Prerequisite: Chemistry 2.2.* 2 terms – 6 semester hours. Normally offered days only.

**Chemistry L2.41-L2.42 — Biochemistry Laboratory.** Fundamentals of enzyme purification; enzyme kinetics; clinical applications of biochemistry; immunological techniques; electrophoresis of biological materials; chromatographic methods. 4-hour laboratory. *Concurrent enrollment in Chemistry 2.41-2.42 required.* 2 terms – 2 semester hours. Normally offered days only.

**Chemistry 2.43 — Advanced Biochemistry.** An in-depth study of topics introduced in earlier biochemistry courses. These may include complex carbohydrates, the biochemistry of hormones, the biochemistry of muscle and motile systems, protein synthesis and biochemical genetics. 3 hours lecture. *Prerequisite: Chemistry 2.42.* 1 term – 3 semester hours. Normally offered in alternate years, days or evenings.

**Chemistry 2.6 — Qualitative Organic Analysis.** The systematic identification of organic compounds via functional group and instrumental methods of analysis. 1 hour lecture, 23-hour laboratory periods. *Prerequisite: Chemistry 2.2.* 1 term – 3 semester hours. Normally offered every third year, days only.

**Chemistry 2.9 — Advanced Organic Chemistry.** A structural approach to the study of organic chemistry. Stereochemistry, including conformational analysis; molecular orbital theory and orbital symmetry; structure-reactivity relationships; reaction mechanisms. 3 hours lecture. *Prerequisite: Chemistry 2.2.* 1 term – 3 semester hours. Normally offered in alternate years, evenings only.



**Chemistry 3.2 — Instrumental Analysis.** Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic absorption, and flame emission spectrometry; refractometry; voltammetry; potentiometric and conductometric measurements; differential thermal analysis. 3 hours lecture, 4-hour laboratory. *Prerequisite:* Chemistry 1.2. 1 term – 4 semester hours. *Offered days or evenings.*

**Chemistry 3.3 — Instrumental Electronics.** The basic theories of electronics and the application of these theories to instruments in the modern laboratory. Emphasis is on developing insight into the functioning of instruments including troubleshooting techniques. 3 hours lecture, 4-hour laboratory. *Prerequisites:* Physics 1.2, Mathematics 2.2. 1 term – 4 semester hours. *Normally offered in alternate years, days or evenings.*

**Chemistry 3.41-3.42 — Clinical Chemistry Methods.** A study of analytical methodology in clinical chemistry; spectrophotometric methods, enzyme analysis, electrophoresis and densitometry, chromatography, immunological techniques, radioactive assays, fluorimetric procedures, atomic absorption spectrophotometry, quality control; adaptation of automated instrumentation to analytical procedures. 3 hours lecture. *Prerequisites:* Chemistry 2.2, 3.2. 2 terms – 6 semester hours. *Normally offered in alternate years, evenings only.*

**Chemistry 3.51-3.52 — Clinical Chemistry Practice.** In-service training at an approved clinical laboratory. Admittance by permission of the Department Chairman. 2 terms – 6 semester hours. *Normally offered in alternate years, days only. Scheduled by prior arrangement with the Department Chairman.*

**Chemistry 3.8 — Environmental Chemistry.** A study of the chemical basis of environmental problems. Topics include aquatic and nuclear chemistry, air pollution, and the interaction between chemical and biological systems. 3 hours lecture. *Prerequisite:* Chemistry 1.2. Chemistry 3.2 is recommended. 1 term – 3 semester hours. *Normally offered every third year, evenings only.*

**Chemistry 4 — Chemical Literature.** Practice in conducting a literature search as applied to the investigation of problems in chemistry. 1 hour lecture-discussion. *Prerequisite:* Chemistry 2.2 or Instructor's permission. 1 term – 1 semester hour. *Normally offered days only.*

**Chemistry 4.1-4.2 — Physical Chemistry.** Thermodynamics and its application in chemistry and chemical equilibria; introduction to the kinetic theory of gases and liquids; chemical kinetics; electrochemistry; the solid state. 3 hours lecture. *Prerequisites:* Chemistry 1.2, Mathematics 2.2, Physics 2.2. 2 terms – 6 semester hours. *Offered days or evenings.*

**Chemistry L4.1-L4.2 — Physical Chemistry Laboratory.** Laboratory exercises of classical and modern experiments in physical chemistry. 4-hour laboratory. *Concurrent enrollment in Chemistry 4.1-4.2 required.* 2 terms – 2 semester hours. *Offered days or evenings.*

**Chemistry 4.3 — Advanced Physical Chemistry.** Quantum mechanics and statistical thermodynamics with applications to spectroscopy and molecular bonding. 3 hours lecture. *Prerequisite:* Chemistry 4.2. 1 term – 3 semester hours. *Normally offered evenings only.*

**Chemistry 4.5 — Advanced Inorganic Chemistry.** Introduction to the concepts and chemical systems of inorganic chemistry including the periodic properties, molecular structure and bonding, and inorganic crystals. Application is chiefly to the chemistry of the lighter and non-transition elements. 3 hours lecture. *Prerequisite:* Chemistry 2.2, 4.2 and concurrent enrollment in Chemistry 4.3. 1 term – 3 semester hours. *Normally offered evenings only.*

**Chemistry 4.6 — Nuclear and Radiochemistry.** Nuclear particles; properties and relative abundance of radioactive and stable nuclides; radioactive decay laws; interactions of radiation with matter; applications to analytical chemistry and radioactive age dating; chemical aspects of nuclear energy. 3 hours lecture. *Prerequisite: Chemistry 4.2. 1 term – 3 semester hours. Normally offered every third year, evenings only.*

**Chemistry 5 — Research and Seminar.** Participation in undergraduate research under the direction of the staff. Students are required to present a seminar and submit a written report on their area of investigation. 1 hour seminar and 4 hours of laboratory per semester hour. *Prerequisite: Chemistry 4. May be taken for one or two semesters for a total of 5 semester hours. 2-5 semester hours. Normally offered days and/or evenings.*

## COMMUNICATIONS AND SPEECH

Department of Communications and Speech — *Professor: Strain; Associate Professor: Kennedy (Chairman); Lecturers: Allard, Marderosian, Rider, Russell, Swope, Wolfman, Zacharis.*

The Department of Communications and Speech offers courses designed for a program of general education for students of liberal arts, business, preprofessional curricula, fine arts and teacher preparation. Undergraduate programs provide both intensive and extensive learning opportunities for students in the theory and behavior of oral communication in its various forms.

A total of 122 semester hours is required for either the A.B. or B.S. degree with a major in Communications and Speech. The requirements for the major consist of 30 semester hours plus 12 additional hours of Related Electives. Twelve semester hours of required core courses are included within all major concentrations. The four required core courses are the following:

- C.Spch 1.1 Voice and Articulation
- C.Spch 1.2 Public Speaking
- C.Spch 1.9 Introduction to Theatre Arts\*
- C.Spch 2.6 Communication Theory

Requirements for the major may be tailored to the needs of candidates with specialized goals. In such cases, the Department Chairman should be consulted at the time of application and subsequent programming. Twelve hours of Related Electives must be approved by an advisor from the Department of Communications and Speech. Students who are preparing for careers in elementary or secondary education are not required to take related electives but must complete 24 semester hours of selected course

(\*Not required of students concentrating in Communication Disorders)



work in education as explained in the section of the catalog dealing with the Department of Education. Students interested in elementary or secondary programs in Speech Education are advised to confer with the Chairman of the Department of Education.

All students majoring in Communications and Speech must have their programs approved by an advisor from the department and thereafter keep in close touch with the department in respect to their programs.

### **Suffolk University-Emerson College Cross-Registration Program**

Since 1968, Suffolk University and Emerson College have established an affiliated Cross-Registration Program which makes available to students of both institutions a greater variety of courses than would otherwise be possible. It is the student's responsibility to cross-register during the specified registration periods at Suffolk University and at Emerson College. Through this affiliation with Emerson College, students may take courses toward one of the following concentrations: Communication Disorders; Mass Communications; Film; Business and Industrial Communication; Dramatic Arts, Theatre Education; Oral Interpretation and Speech Education.

Suffolk students who are majoring in one of the speech or journalism areas may cross-register for courses at Emerson College as part of their normal course load. Students may cross-register in most courses except those that are offered at the parent college providing they have completed the normal prerequisites.

To cross-register, Suffolk students obtain a Cross-Registration Form from the Chairperson of the Department of Communications and Speech. Students are encouraged to consult in advance both with their Suffolk departmental advisor and an appropriate departmental faculty advisor at Emerson.

### **Walter M. Burse Debating Society**

The Department of Communications and Speech supervises several active student activities. The Walter M. Burse Debating Society is organized for the purpose of developing and mastering the various techniques of argumentation and oral communication. After working on campus, members participate in intercollegiate debate and speech tournaments at other colleges and universities in the eastern and midwestern United States.

Members also compete in such individual speech contest events as persuasive speaking, oral interpretation of poetry and prose, extemporane-

ous speaking, rhetorical criticism, informative speaking and after dinner speaking. Last year Suffolk debaters traveled to such schools as Southern Connecticut State College, Niagara University, Monmouth College, George Mason University, Harvard, University of Delaware and the University of Vermont.

In addition, each year the Department of Communications and Speech sponsors a High School Debate Tournament, a Junior College Speech Tournament and a College Speech Tournament. Also, participants visit Norfolk Prison where they compete against the Norfolk Prison debate teams. No previous debate or speech experience is required. Membership is open to any undergraduate student at Suffolk University.

### **Suffolk University Theatre (Drama)**

The Suffolk University Theatre offers a varied program from children's theatre to experimental productions and an active technical, directing, and acting workshop. By encouraging student creativity and hard work of high quality, the Suffolk University Theatre offers a rare opportunity to learn by doing.

### **Communications and Speech Courses**

**Communications and Speech 1.1 — Voice and Articulation.** Designed to provide the student with a thorough knowledge of the mechanics of voice production, and to develop a wide range of control in pitch, volume, and quality. Eradication of individual faults and control of regional accents. Required for Speech majors and suggested for Journalism and Mass Communication majors. Recommended for pre-legal students and all others who wish to develop more effective speaking skills. Offered every term. Speech 2.1 may be substituted with instructor's consent. *1 term — 3 semester hours. Normally offered yearly.*

**Communications and Speech 1.2 — Public Speaking.** Development of assurance in public appearance through impromptu and extemporaneous speaking. Emphasis on audience analysis, rhetorical structure, and performance. Prerequisite: none. Required of Speech majors, Journalism majors, and Elementary and Secondary Education students. Recommended for pre-legal students, business students, and all others who seek to develop more effective speaking skills. *1 term — 3 semester hours. Normally offered yearly.*

**Communications and Speech 1.3 — Interviewing.** Basic principles and methods used in two party, face-to-face, and other interview situations encountered in business and professional environments. Role playing interviews will be employed which emphasize communication information, effective persuasion, and employment situations. Prerequisite: none. *1 term — 3 semester hours. Normally offered alternate years.*

**Communications and Speech 1.4 — Discussion and Conference Techniques.** Designed to increase proficiency in participation in public discussion of various types, such as informal group discussions, panel discussions, symposiums, and forums. Class work organized to promote an interest in and a knowledge of current affairs as well as to develop the power of reflective thinking. Prerequisite: none. *1 term — 3 semester hours. Normally offered yearly.*



**Communications and Speech 1.5 — Theatre Workshop.** Detailed study of a play through preparing it for public performance. Work with the University theatre productions is required. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 1.6 — Television Workshop.** Training in the fundamentals of television production. Students receive television production theory and actual laboratory and station participation in television programs. *Prerequisite: none. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 1.9 — Introduction to Theatre Arts.** Basic study of the theory, history, the cultural role and physical characteristics of theatre as an institution in human society. *Prerequisite: none. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 2.1 — Fundamentals of Oral Interpretation.** Designed to develop the expressive powers of the student through oral interpretation of literature. Analyzing and responding to the author's meaning, and communicating that meaning to the audience. *Prerequisite: none. Course meets Humanities Option requirement for B.S. degree. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 2.2 — Performance I.** Applications of principles of broadcasting, news, interviews, announcements, and special events. Lecture and laboratory. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 2.3 — Performance II.** Performance for radio, television, and film. Lecture and Laboratory. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 2.4 — Non-verbal Communication.** Processes and effects of communicating in non-verbal codes; introduction to proxemics, kinesics, and pictics. Critical analysis of theory and research. *Prerequisite: 3 credits in Communications and Speech. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 2.5 — Forensic Activities.** Opportunities for intensive research on topics in debate and active participation in various forms of forensics in the University forensics program. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 2.6 — Communication Theory.** An interdisciplinary overview of communication theories from the perspective of the anthropologist, sociologist, educator, psychiatrist, philosopher, and scientist. *Prerequisite: none. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 2.7 — Propaganda and Public Opinion.** An overview of various techniques used to influence and control human behavior as expressed by theorists from Machiavelli to Mao. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 2.9 — Acting.** Study of fundamental theories of acting. Actors approach to theatre; establishment of character; inner resources; stage practices; and external acting techniques will be considered. *Prerequisite: Communications and Speech 1.9 or instructor's consent. 1 term – 3 semester hours.*

**Communications and Speech 3.0 — Rhetorical Criticism.** Exploration of approaches to the critical evaluation of significant speeches past and present. Rhetorical, literary, historical, linguistic and quantitative methods of criticism will be analyzed. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 3.1 — Advanced Oral Interpretation.** Continuation of Speech 2.1 through the oral interpretation of various types of literature: poetry, prose, drama. Students present short programs. *Prerequisite: Speech 2.1 or equivalent. Course meets Humanities Option requirement for B.S. degree. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 3.2 — Advanced Public Speaking.** Further application of theory and techniques acquired in Speech 1.2. Emphasis on effective delivery; longer speeches and class discussion. *Prerequisite: Communications and Speech 1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 3.3 — Language Acquisition.** Language acquisition in children, including phonological, morphological, semantic, and syntactic development. *Prerequisite: Communications and Speech 1.1. Required for students interested in speech therapy. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 3.4 — Speech and Language Problems in the Schools.** Methods of diagnosis and correction of speech and language problems. Discussion of causal factors, tutoring techniques, instructional materials, and planning and administering programs for students with speech and language problems. *Prerequisite: Communications and Speech 1.1 and 3.3. Required for students interested in speech therapy. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 3.5 — Advanced Theatre Workshop.** Detailed study of plays through preparation for performance. Advanced work and assistance with University theatre productions. *Prerequisite: Communications and Speech 1.5 or instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 3.6 — Persuasion.** An analysis of persuasive techniques, particularly those used by communicators in their attempt to gain public acceptance. *Prerequisite: none. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 3.7 — Introduction to Mass Communications.** Historical, political, and social backgrounds of the mass media, with emphasis on the oral aspects of mass communications. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 3.8 — Argumentation.** Projects in analysis, research evidence, briefing, refutation, and the delivery of debates on representative questions. *Prerequisite: none. Recommended for speech majors. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 3.9 — Directing.** Examination of the procedures and principles of play direction coupled with several laboratory experiences. Consideration given to script analysis, production coordination, actor-director relationships, and stylistic methods. *Prerequisite: Communications and Speech 1.9, 2.9, or instructor's consent. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.0 — Speech Writing.** Analysis and writing of principle types



of basic speeches. Organizing, adapting and presenting informative and persuasive speeches, technical reports, and speech manuscripts for scholarly projects. Concern with legislative, legal, ceremonial, and other forms of speeches. *Prerequisite: Communications and Speech 1.2. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.1 — Business and Professional Communication.** A study of communication in organizations. Practical application of theory and methods of communication to business and professional communications problems. Preparation and delivery of the common types of business and professional speeches. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.2 — Group Dynamics.** Group process and behavior; experimental analysis of how people behave in various group situations. *Prerequisite: none. Recommended for speech majors. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 4.3 — Seminar in Speech Communication for Teachers.** Examines how communication functions within the public school setting. Values of different methods of message transmission will be explored along with an examination of common communication problems and disorders that are found within the school situation. Problems related to the implementation of Chapter 766 (aid to the handicapped child) will also be covered. *Prerequisite: none. May be taken for graduate or undergraduate credit. Open to teachers and interested non-teachers. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.4 — Semantics.** Research in the various semantic theories, i.e., Ogden and Richards, "The Meaning of Behavior"; Korzybski, "Science and Sanity"; Morris, "Language, Sign and Behavior". A study of the psychological and sociological aspects of the relations between signs and symbols. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 4.5 — Advanced Forensic Activities.** Opportunities for advanced students to conduct intensive research on topics in advanced debate theory. Extensive participation is required in various forms of forensics in the University forensics program. *Prerequisite: Instructor's consent. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 4.6 — Workshop in Political Persuasion.** In-depth field study and analysis of a political campaign or persuasive governmental program in a public setting. Work will include an off-campus field study experience where students will have an opportunity to work with governmental offices on political projects. *Prerequisite: none. 1 term – 3 semester hours. Normally offered yearly.*

**Communications and Speech 4.8 — Advanced Argumentation.** Examination of the theoretical foundations of the development of argumentation in contemporary society. Conceptual and experimental literature relevant to the use of evidence and the philosophical underpinnings that relate to problems in debate will be examined. *Prerequisite: Communications and Speech 3.8 or instructor's consent. 1 term – 3 semester hours. Normally offered alternate years.*

**Communications and Speech 4.9 — Stagecraft.** A study in application of the technical elements of play production with emphasis on stage techniques, set construction, and scene painting. Laboratory hours will be arranged in order to ensure adequate practical experience in the scenic arts and crafts. *Prerequisite: none. 1 term – 3 semester hours. Normally offered every third year.*

**Communications and Speech 5.0 — Directed Study in Communications and Speech.** Academically qualified students in their senior year may elect to undertake an independent study in a specialized area of communications, speech and/or theatre. These projects may cover oral interpretation, group leadership, rhetorical criticism, mass communications or theatre. *Prerequisite:* 12 hours in Communications and Speech and permission of Departmental Chairperson. 1 term – 3 semester hours. Normally offered yearly.

## ECONOMICS

Department of Government and Economics — *Professor:* Archon (Chairman); *Associate Professor:* Shannon; *Assistant Professors:* Berg, Dushku, Elmusa, Latta, O'Callaghan, Sawhney. *Lecturers (part-time):* Bain, Bliss, Brownell, A. Burke, Dever, Eaton, Glacel, Gunhouse, Hoover, Kafi-Tehrani, Lehmann-Wilsig, Rabchenuk.

A major in the field of economics may pursue one of the following two programs of study:

**TRACK A. A.B. or B.S. in Economics** — Under this program, the major will be prepared for graduate training, teaching, and in a general way for banking, business, or government service. The normal requirements for the A.B. and the B.S. should be met plus the following:

Required Courses	Sem. Hrs.	Related Electives	Sem. Hrs.
Economics 1.1-1.2 .....	6	May be chosen from	
Economics 2.2 (Statistics) .....	3	any of the following:	
Economics 3.7-3.8		Accounting 1.1-1.2,	
(Intermediate Theory) .....	6	Mathematics 1.51, 1.52;	
Economics 3.9 (Econometrics) .....	3	Government 1.1, 3.0, 3.1, 3.2, 3.21,	
Economics 4.7 (Optimization		3.3, 3.4, 3.61, 4.0;	
Techniques) .....	3	Urban Sociology, Management 4.7,	
		Finance 3.1.	
Electives within the field			
of Economics .....	9		
	30		12

**TRACK B. A.B. or B.S. in Administrative Economics** — Under this program, the major will be trained primarily to qualify upon graduation for governmental or business employment. The normal requirements for the A.B. or the B.S. should be met plus the following:



Major Requirements	Sem. Hrs.	Related Electives	Sem. Hrs.
Economics 1.1-1.2 .....	6	May be chosen from any of the following:	
Economics 2.2 (Statistics) .....	3	Accounting 1.1-1.2	
Government 3.2-3.21 (Public Administration) .....	6	Accounting 4.7	
Economics 3.8 (Macro Theory) ....	3	Mathematics 1.52	
Economics 4.6 (Public Finance) ....	6	Government 1.1 or 3.6	
Economics 3.3 (Money & Banking) or		Accounting 2.3-2.4	
Economics 2.6 (Urban Economics) 3		Computer Science 3.1-3.2	
Economics electives .....	3	Appropriate courses in Government and/or Sociology	
	30		12
<b>Supplementary Requirements</b>	<b>Sem. Hrs.</b>		
Computer Science 2.1-2.2 .....	6		
Govt. 4.4 Practicum: Internship in Government .....	3		
Mathematics (course authorized by student's major advisor) .....	3		

Note: These supplementary requirements may be waived in the case of a student who has had two years of paid full-time experience in professional type government work.

Economics Courses

**Economics 1.1-1.2 — Principles of Economics.** Econ. 1.1 (Microeconomics) deals with the science of economics and the American economy, consumer behavior and business decision making, market structures, government anti-trust policy and its enforcement, income inequality, poverty and discrimination, the environment, alternative economic systems. Econ. 1.2 (Macroeconomics) deals with economics and the American economy, the national output, unemployment, fiscal policy, money, the problem of inflation, monetary policy, incomes policy, economic growth and the environment, international economics. 2 terms – 6 semester hours. Offered every year.

**Economics 2.2 — Introduction to Statistics.** A survey of statistical material and techniques, with special reference to economic and business data. Attention is given to methods of collecting, tabulating, charting, and analyzing statistical data; frequency distribution, index numbers, time series analysis, normal curve analysis, binomial distribution, and simple and multiple correlation are covered. Required of all majors in Economics. 1 term – 3 semester hours. Offered every semester.

**Economics 2.4 — Economic History of the United States.** This course traces the evolution of the major economic and political institutions of the U.S. as related to population, technology, and resources. Particular attention is given to the historical development of modern business organization and policy, financial institutions, techniques of production, transport, expansion of commerce, the labor movement, and the role of the state in national and international economic affairs. 1 term – 3 semester hours. Normally offered in alternate years.

**Economics 2.5 — Location Economics.** This course explores theoretical and pragmatic aspects of economic development, cyclical changes and trade between regions of the U.S. Industrial Locational Analysis and related measures, growth trends, range and income differentials, structural unemployed and income distributions are considered for various states and metropolitan areas. Special emphasis is given to inter-regional I-O tables and tools used in area economic projections. *Prerequisite: Econ. 1.1-1.2. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 2.6 — Urban Economics.** Emphasis on practical research problems and analysis of regional adjustment in a growing economy. Topics such as Urban Planning, Economic Base Studies, Tax Inequities, Income Distribution, Regional Mobility of Resources, Shift-Share Analysis, Differential Growth Rates among Regions, Regional Planning, Migration, Poverty, Transportation, and Urban Renewal. *Prerequisite: instructor's consent. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 2.8 — Population Dynamics.** An analysis of the interaction of demographic and economic variables with special emphasis on the relationship between economic growth and population growth and on the implications of changing rates of population growth for the organization of our economic system. *Prerequisite: Econ. 1.1-1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.1 and 3.2 — Modern Economic Thought.** Econ. 3.1 — Mainstream economic thought: its development from Smith through Mill, Marshall and Keynes. The writings of such contemporary critics of our social and economic institutions as Galbraith and Friedman will be examined in terms of their relationship to this mainstream.

**Economics 3.2 — Radical Economic Thought.** Development of the radical critique of capitalism from the Utopian socialists through the anarchists and Marxists to the contemporary radical economists.

**Economics 3.3 — Money and Banking.** The nature and functions of money and credit; structure of the commercial banking and Federal Reserve banking systems; modern theoretical devices of monetary analysis and monetary theories. *Prerequisite: Econ. 1.1-1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered every semester.*

**Economics 3.4 — International Trade.** The relationship of international trade to the U.S. economy; balance of payments; gold standard; comparative costs; terms of trade; absolute and comparative advantage; tariffs; quotas. *Prerequisite: Econ. 1.1-1.2. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.5 — International Financial Relations.** Survey of international commercial policy, financial organizations, and contemporary problems including restoration of equilibrium in the balance of payments, effects of regional economic integration, and related topics. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.7 — Intermediate Economic Theory.** Analysis of consumer demand and production; functioning of the price system in the markets for commodities and factors production; equilibrium of the firm and industry under conditions of perfect and imperfect competition. *Prerequisite: Econ. 1.1-1.2. This course is required for all students who major in Economics. 1 term – 3 semester hours. Normally offered in alternate years.*



**Economics 3.8 — Intermediate Macro-Economic Theory.** Analysis of the determination of employment and of natural income and its components. Study of classical income and employment theories with emphasis placed on the Keynesian theory of employment, interest and money; on post-Keynesian theory of growth models. Special emphasis on static equilibrium theory. *Prerequisite:* Econ. 1.1-1.2. *This course is required for all students who major in Economics. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.9 — Introduction to Econometrics (I).** The application of statistical inference to the verification of economic postulates and problems. Topics considered are: Classical, Least Squares, Matrix Algebra, Autocorrelation, Heteroscedasticity, Homoscedasticity, Maximum Likelihood and Normality. The course is designed to acquaint the student with a wide range of tools which are directly applicable to research problems in business and economics. *Prerequisite:* Econ. 1.1-1.2. *This course is required for all students who major in Economics. 1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 3.91 — Econometrics II.** Topics considered are: Simultaneous Equation estimating techniques, Input/Output matrices and decision theory, Factor Analysis and Econometric model building. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.1 — Labor and Human Resources.** The development and consequences of trade unionism and labor legislation in the U.S. The economics of wage determination, employment, and discrimination. The theory of investment in people (education, health, etc.) based upon economic efficiency. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.4 — Economics of Welfare Programs.** After a brief survey of the theory of welfare economics, this course will examine the economic aspects of the various governmental welfare projects, such as aid to families with dependent children, the aged, medicare, aid to education, and plans for family income maintenance. *Prerequisite:* Economics 1.1-1.2. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.5 — Comparative Economic Systems.** A comparative study of capitalist theory and institutions, of the Marxian theory of Socialism and Communism, of the economic systems of other countries. *Prerequisite:* Econ. 1.1-1.2. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.6 — Public Finance.** Sources of federal, state and local tax revenue; public expenditures and the fiscal principles which govern them; public debt and methods of financing; shifting and incidence of taxation; the concept of taxable capacity. *Prerequisite:* Econ. 1.1-1.2. *1 term – 3 semester hours. Normally offered every year.*

**Economics 4.7 — Optimization Techniques in Economics I.** The application of optimization techniques to the solution of economic problems. Topics considered are: Static and Comparative Analyses; the application of Jacobian and Hessian determinants to functional dependence and maximization and minimization cases, respectively; Partial Differentiation of two or more variables; and Constrained Optimization. *This course is required for all students who major in Economics. Prerequisites:* Econ. 1.1-1.2; Mathematics 1.52 or instructor's consent. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 4.8 — Optimization Techniques in Economics II.** Topics considered are: Dynamic Analysis; Selected Topics in Difference Equations, Lagrangian Multipliers, Euler's Theorem and Production Functions, Market Models, Homogeneous Functions and Systems, Stability Conditions, Growth Models. *1 term – 3 semester hours. Normally offered in alternate years.*

**Economics 5 — Studies in Economics.** Hours and credits arranged to suit the needs of students for directed study and research in Economics. Admission to course only with the consent of Chairman of the Department of Economics.

## EDUCATION

Department of Education — *Professors:* Unger (Chairman), Lewandowski; *Associate Professors:* Bates, Burton, Eskedal, S. Mahoney, McCarthy, Visco, Winters; *Assistant Professors:* Jennings, Mishara, Moran, Sartwell, Shatkin, Stefaney; *Lecturers:* Adams, Ash, Barker, Batalis, Bowman, Cahalane, Chase, Connor, DeIulio, Diloretto, Evans, Feintech, Graceff, Hudson, Hurwitz, Kearns, Leary, Luther, Quintiliani, Rabin, Santeusanio, Toto, Walsh.

The major requirement in the Department of Education for elementary school teacher preparation may be satisfied by the completion of thirty-five semester hours of course work in the Department (B.S. degree program). The major may also be satisfied by a combination of thirty-two hours of course work in the Department and twenty-four hours of course work in an additional academic area (A.B. degree program). Courses in the following areas must be included in the professional preparation of either program: Foundations of Education, Methods of Teaching and Curriculum Development, Observation of Teaching and Student Teaching, and Educational Psychology.

The course of study recommended by the Department of Education for secondary school teacher preparation may lead to either the A.B. or B.S. degree. The following courses must be included: Foundations of Education, Methods of Teaching, Educational Psychology, Reading and Study Skills (except for Foreign Language majors), and Student Teaching.

### Curricula in Education

*All undergraduate students planning to enroll in teacher education programs are required to submit a formal application for admission to the Education Department subsequent to enrollment in the University. Application forms are available in the Education Department Office.*

The curricula for teacher training are planned to enable students in these programs to meet the requirements for teacher certification in the Commonwealth of Massachusetts. They are constructed in accord with what is considered desirable preparation for teaching positions. They go beyond the minimum requirements of the State Department of Education.

Those wishing to teach in states other than Massachusetts should write directly to the Department of Education of that state for a list of the



requirements. The Education Department of the College will assist the student in interpreting the requirements. The Massachusetts Board of Education has approved the following programs for the University's participation in the Interstate Certification Compact: Undergraduate Elementary Education; Graduate Elementary Education; Undergraduate Secondary Education (English and History); Graduate Secondary Education (English and History); Reading Specialization; and Secondary Counselor Education. Thus, graduates of these Suffolk programs are entitled to reciprocal certification among 32 states of the Union.

Students planning careers in elementary school teaching may earn the A.B. degree (Plan A — Combined Elementary Education-Liberal Arts major) or B.S. degree (Plan B — Elementary Education major).

All students concentrating in Education are required to take a minimum of three semester hours in Speech.

Media and instructional technology: All students in the teacher education programs will be introduced to and provided with the opportunity for developing basic skills in the operation and use of media hardware. Students will be required to design and produce media software appropriate to subject matter learning activities.

Students planning careers in secondary school teaching will elect the required courses in Education and must be careful to develop adequate course background in one or more teaching fields. Students concentrating in Secondary Education may major in these fields: Biology, Biochemistry, Chemistry, English, Foreign Languages, History, Humanities, Journalism-English, Mathematics, Physics, Physics-Chemistry combined major, Social Studies, Speech and Business Education.

Changes of any sort in student programming must be approved in writing by a member of the Department. Failure to comply with this regulation may result in a loss of credit toward graduation.

The Department wishes to emphasize that it reserves the right to require the withdrawal of a student from teacher education if in its estimation the probability of his success in teaching is doubtful. While the academic average of a student is not the sole factor in the determination of such success (others are interest, effort, personality, and proficiency in skill subjects), it is especially important that a student do his utmost to maintain a high academic average.

A minimum overall grade point average of 2.2 is required for continuance as a degree candidate in teacher education.

Furthermore, Elementary Education majors should earn a minimum grade



of C in the following courses: Foundations of Education, Educational Psychology, Developing Teaching Competencies, Creative Arts, and Methods in Teaching Reading and Mathematics. A student concentrating in Secondary Education must maintain a minimum grade point average of 2.2 in his teaching-subject major. A student who is within a reasonable degree of achieving the minimum grade point averages may request special permission from the Department for the privilege of continuing his program in teacher education.

### **Curriculum Materials Center**

The Curriculum Materials Center, located in room 303 of the Fenton Building, provides students with the opportunity to become acquainted with teaching resources. Total classes meet in the Curriculum Materials Center with their instructors to learn about its resources and individuals or small groups may also utilize the facility during those hours specified each semester.

### **Pre-Student Teaching Experience Requirements**

Before a candidate applies for student teaching, he must complete a "field experience" in education. Although it is possible for a student to engage in a variety of activities related to teaching, it is generally expected that he will gain experience in tutoring an individual or small group in his major teaching area. Elementary majors tutor in mathematics, science, social studies and language arts and are placed when they enroll in the basic methods courses. Secondary majors tutor in the reading and study skills needed to master specific content area such as social studies, mathematics, science, business or English and are placed when they enroll in Education 5.99.

### **Student Teaching**

Student teaching is the final professional experience for students in teacher education programs. It is in this extensive practicum that prospective teachers can experience all the varied roles of the classroom teacher. This key aspect of teacher education provides an opportunity for the evaluation of instructional effectiveness, interpersonal relations in guiding learning, personal and social qualities, and professional growth potential for teaching and certification. Evaluation of all professional activities is a continuous and individualized process during the student teaching period.

### **Special Regulations Concerning Student Teaching**

1. Student Teaching may be taken only by collegiate seniors and graduate students. Undergraduates must be concentrating in either Elementary



Education or Secondary Education to enroll in the course. Student teachers must be degree candidates (with the exception of some special students in the Intensive Summer Student Teaching Program).

2. Students wishing to elect student teaching must submit a written application concerning this matter to the Director of Student Teaching by the middle of the previous semester (by October 1 during the fall semester; by March 1 during the spring semester). Student Teaching cannot be elected by transfer students before their second semester of residence. Students who have submitted applications for student teaching must notify (in writing) the Director of Student Teaching should it become necessary to cancel their plans to student teach. Failure to do so before the registration period will result in the student being withdrawn from the teacher education program.

3. Student teachers must be available for school assignments every day. No doubt this will mean each undergraduate in Education should plan to attend at least one summer session, if he has not already done so, in order to lighten his academic schedule for the semester in which he undertakes student teaching.

4. Student teaching involves a minimum of sixty consecutive days of observation and teaching in the cooperating school (except during the Summer Session).

5. Student teachers are required by Massachusetts law to have a tuberculosis x-ray examination prior to the initiation of student teaching. This examination is provided free of charge by the City of Boston Department of Public Health (57 East Concord Street) Mondays through Fridays, 1-4:30. Students may also utilize a family physician or a local health center for the purpose of obtaining the x-ray examination.

6. All students concentrating in Elementary Education or Secondary Education must demonstrate proficiency in the areas of Speech and English prior to student teaching.

7. All students in Elementary Education should have completed all required Education Methods Courses before initiating student teaching. All students in Secondary Education should have completed Education 3.1, 3.2, 4.3, and 5.99 before initiating student teaching.

8. Suffolk undergraduate students should plan their study programs in such a way as to complete the student teaching requirement during the academic year. The Intensive Summer Student Teaching Program is designed for graduate students.

9. A grade of B or better is necessary for departmental approval and recommendation for certification.

## **Cooperating School Systems**

With the cooperation of the superintendents, of headmasters and principals, and of a large number of classroom teachers, Suffolk students have fulfilled the student teaching portion of the teacher education program in the schools of eastern Massachusetts cities and towns. The supervising faculty of the Education department, because of effective assistance by the cooperating teachers, has been able to make this one-semester experience both practical and meaningful.

## **ELEMENTARY SCHOOL TEACHING (GRADES 1-6)**

The undergraduate program in elementary education is designed to provide training in the essential teaching competencies, principles of curriculum design and the social and cultural perspectives necessary for professional understanding and growth. While the general sequence is intended to prepare individuals to work within a variety of elementary school models (e.g., team teaching, non-graded, open classroom, individualized), additional coursework is available for in-depth study preparatory to such professional goals as early childhood education, reading specialization, urban teaching, curriculum specialization and diagnostic/remedial teaching. Students are encouraged to supplement their program with coursework in the behavioral sciences through judicious selection of free electives.

Two plans are offered with a major in elementary education. Plan A leads to an **A.B.** or **B.S.** degree with combined Elementary Education-Liberal Arts major which will include twenty seven semester hours in elementary education and twenty four semester hours in an additional subject matter field. While a specific professional goal may be the basis for choosing this program (e.g., team teaching or curriculum specialization), it also offers the student an opportunity to pursue a discipline in depth for personal development. Plan B, which requires thirty hours in elementary education, leads to a **B.S.** degree with a major in elementary education. It is supplemented with elective courses selected to meet personal needs and interests. Students should consult with the Department in order to determine which plan is to be selected. Both plans require the completion of 124 semester hours.



**Plan A — A.B. Degree**  
(124 Semester Hours)

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
English 1.1-1.2 .....	6	English Option .....	6
Humanities Option** .....	6	History 2.4 .....	3
Sociology 1.1 .....	3	Education 3.1 .....	3
Psychology 1.1 .....	3	Major Electives .....	6
Laboratory Science*** .....	8	Second Year Foreign Language ...	6
First Year Foreign Language .....	6	Speech 1.2 .....	3
		Elective .....	3
	<hr/>		<hr/>
	32		30
<b>Junior</b>	<b>Sem. Hrs.</b>	<b>Senior</b>	<b>Sem. Hrs.</b>
Electives .....	6	Major Electives .....	6
Major Electives .....	12	Electives .....	9
Education 3.2 .....	3	Education 4.10-4.11 .....	8
Education 4.12 .....	3	Education 4.20 .....	9
Education 4.13 .....	3		
Education 5.23 .....	3		
	<hr/>		<hr/>
	30		32

**Plan A — B.S. Degree**  
(124 Semester Hours)

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
English 1.1-1.2 .....	6	English Option .....	6
Communications Option* .....	6	History 2.4 .....	3
Sociology 1.1 .....	3	Education 3.1 .....	3
Psychology .....	3	Major Electives .....	6
Humanities Option** .....	6	Electives .....	12
Laboratory Science*** .....	8		
	<hr/>		<hr/>
	32		30
<b>Junior</b>	<b>Sem. Hrs.</b>	<b>Senior</b>	<b>Sem. Hrs.</b>
Major Electives .....	12	Major Electives .....	6
Education 3.2 .....	3	Electives .....	9
Education 4.12 .....	3	Education 4.10-4.11 .....	8
Speech 1.2 .....	3	Education 4.20 .....	9
Education 4.13 .....	3		
Education 5.23 .....	3		
Elective**** .....	3		
	<hr/>		<hr/>
	30		32

## Plan B — B.S. Degree

(124 Semester Hours)

Freshman	Sem. Hrs	Sophomore	Sem. Hrs.
English 1.1-1.2 .....	6	English Option .....	6
Communications Option* .....	6	History 2.4 .....	3
Sociology 1.1 .....	3	Education 3.1 .....	3
Psychology 1.1 .....	3	Major Electives .....	6
Humanities Option** .....	6	Electives .....	12
Laboratory Science*** .....	8		
	<hr/> 32		<hr/> 30
Junior	Sem. Hrs.	Senior	Sem. Hrs.
Education 3.2 .....	3	Education 4.10-4.11 .....	8
Education 4.12 .....	3	Education 4.26 .....	3
Education 4.13 .....	3	Electives .....	12
Electives**** .....	15	Education 4.20 .....	9
Education 5.23 .....	3		
Education 4.95 or 3.3 .....	3		
	<hr/> 30		<hr/> 32

\*Communications Option to be chosen from 2 semester sequences in: Linguistics, Modern Languages, Mathematics (except Math. 1.3-1.4), Speech, Computer Science, Journalism, Logic.

\*\*Humanities Option to be chosen from 2 semester sequences in: Humanities, Literature, Philosophy (except Logic), or Speech (Oral Interpretation of Literature).

\*\*\*Laboratory Science Option to be chosen from 2 semester sequences with lab in: Biology, Chemistry, Physics, Physical Science.

\*\*\*\*The following courses are highly recommended for elementary education majors: Education 3.1, 3.3, 4.14, 4.2, 4.28, 4.29, 4.40, 4.95, 4.96, 6.10, 8.1, English 4.32, 4.33.

Students are encouraged to consult their advisors in order to make selections most pertinent to their professional goals.

## Bachelors Degrees — Business Education

The B.S. in Business Education is designed primarily for transfer students from approved Junior and Senior Colleges with a maximum of 60 credits and/or the Associate Degree in the Secretarial Sciences. Up to 24 credits in the skills (Typing, Shorthand, Office Procedures, etc.) will be accepted. This program is also available to students without a background in Secretarial Skills who would then be allowed to earn their credits (minimum of 12 hrs.) in the skills. These skill credits are to be applied only to a B.S. in Business Education.



<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
English 1.1, 1.2 .....	6	English Option .....	6
Communications Option 1* .....	6	Psychology 1.1 .....	3
Social Science Option 2* .....	6	Education 3.1 .....	3
Humanities Option 3* .....	6	Education 3.2 .....	3
Natural Science Option 4* .....	8	Speech 1.2 .....	3
		Accounting 1.1, 1.2 .....	6
		Marketing 2.1 .....	3
		Economics 1.1 .....	3
	<hr/>		<hr/>
	32		30

<b>Junior</b>	<b>Sem. Hrs.</b>	<b>Senior</b>	<b>Sem. Hrs.</b>
Curriculum & Methods in the Teaching of Secondary School Subjects 7* .....	6-8	Major Field 6* .....	12
Education 5.99 .....	3	Education 4.21 .....	9
Business Law 2.1, 2.2 .....	6	Related or Free Electives .....	9
Major Field Skills 5* .....	12		
Free or Related Electives .....	3		
	<hr/>		<hr/>
	30-32		30

N.B. Should a student change his/her Business Education major then the credits received for the skill courses could not be used toward a degree in the new major.

1\* Communications Option to be chosen from 2 semester sequences in: Linguistics, Modern Languages, Mathematics (except Math 1.3-1.4), Speech, Computer Science, Journalism, Logic.

2\* Social Science Option to be chosen from 2 semester sequences in: History, Government, Economics, Sociology, Education 2.1-2.2.

3\* Humanities Option to be chosen from 2 semester sequences in: Humanities, Philosophy (except Logic), Oral or Written Literature.

4\* Laboratory Science Option to be chosen from 2 semester sequences with Lab in: Biology, Chemistry, Physics, Physical Science.

5\* All students in the B.S. in Business Education Program must take a minimum of 12 credits in the skills (which should include 6 hours in typewriting and 6 hours in another skill area such as shorthand, office machines, or computer training). However, no more than 24 hours of skills training may be applied to this degree.

6\* Options to be chosen from the areas of Accounting, Marketing, Management or used for additional skills courses (not to exceed the 24 maximum).

7\* May be chosen from the following: E4.3, E4.4, E4.18, E6.44, E6.45, E6.46.

## SECONDARY SCHOOL (JUNIOR-SENIOR HIGH)

The undergraduate programs in secondary education exist to prepare candidates in three basic areas: first, the general education necessary to become acquainted with many branches of knowledge, to gain insights into

the human condition and human behavior, and to develop flexibility of mind; second, a major concentration in a subject appropriate for high school teaching; third, professional studies in education. The undergraduate B.A. and B.S. programs are accordingly designed to include the general education component common to all undergraduate programs in the university, allied with a major concentration so articulated as to provide the student with a strong and soundly-based analytic competency in a given subject area. In addition, students undertake a concentration in education aimed at insuring that they will be able to identify and evaluate the major theoretical and practical problems confronting contemporary educators with the major systematic approaches to solving them, to utilize general classroom skills and procedures, integrating them in a teaching style appropriate to the strengths of the individual and the demands of the setting and subject matter, to plan units of curriculum and translate them into effective learning experiences, to assess and ameliorate such reading difficulties as militate against pupil progress, to appraise individual differences, to modify instructional strategies to account for them, and to evaluate pupil performance.

### **The Bachelor of Science Degree**

This program is designed for students in the College of Liberal Arts and Sciences who wish to prepare for secondary school teaching by pursuing a Bachelor of Science degree.

Students are advised that the sequences of the program are flexible and may be rearranged to suit the various needs of the students' major requirements. The following majors are available: Biochemistry, Biology, Business Education\*, Chemistry, Chemistry-Physics (combined major), English, Foreign Languages, History, Humanities, Journalism-English (combined major), Mathematics, Physics, Social Studies and Speech. There is also a separate program leading to the B.S. in B.A. for those students in the College of Business Administration. Students may utilize appropriate courses within an option toward their major requirements. COURSE REQUIREMENT CHECKLISTS ARE AVAILABLE AT THE DEPARTMENT OF EDUCATION OFFICE-ROOM F-244.

\*The B.S. Degree may be utilized for coursework in Business Education and the University may accept transfer students from approved Junior and Senior Colleges with a maximum of 60 credits or the Associate Degree in the Secretarial Sciences. However, no more than 24 credits in the skills (typewriting, shorthand, business machines, etc.) will be accepted. The program is also available for present Suffolk University students who may be allowed to earn their credits in the skills outside the University. These skill credits are to be applied only to a B.S. in Business Education.



**Bachelor of Science — Secondary Education**

(124 Semester Hours)

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
English 1.1-1.2 .....	6	English Option .....	6
Communications Option*.....	6	Psychology 1.1 .....	3
Social Science Option** .....	6	Education 3.1 .....	3
Humanities Option*** .....	6	Education 3.2 .....	3
Laboratory Science Option**** .....	8	Speech 1.2 .....	3
		Major Field Electives .....	9
		Related or Free Electives .....	3
	<hr/>		<hr/>
	32		30
 <b>Junior</b>	 <b>Sem. Hrs.</b>	 <b>Senior</b>	 <b>Sem. Hrs.</b>
Education 4.3-4.4 .....	8	Major Field Electives .....	9
Education 5.99 .....	3	Education 4.21 .....	9
Major Field Electives .....	12	Related or Free Electives .....	12
Related or Free Electives .....	9		
	<hr/>		<hr/>
	32		30

\*Communications Option to be chosen from 2 semester sequences in: Linguistics, Modern Languages, Mathematics (except Math. 1.3-1.4), Speech, Computer Science, Journalism, Logic.

\*\*Social Science Option to be chosen from 2 semester sequences in: History, Government Economics, Sociology, Education 2.1-2.2

\*\*\*Humanities Option to be chosen from 2 semester sequences in: Humanities, Literature, Philosophy (except Logic), or Speech (Oral Interpretation of Literature).

\*\*\*\*Laboratory Science Option to be chosen from 2 semester sequences with lab in: Biology, Chemistry, Physics, Physical Science.

**Bachelor of Arts Degree**

This program is designed for students in the College of Liberal Arts and Sciences who wish to prepare for secondary school teaching by pursuing a Bachelor of Arts degree. The program is available in the following major fields: Biochemistry, Biology, Chemistry, English, Foreign Language, History, Humanities, Journalism-English, Mathematics, Physics, Physics-Chemistry (combined major), Social Studies, and Speech. Students in the Sciences are normally enrolled in the B.S. program but may choose the A.B. if they wish to do so (such students should consult with their advisors in both the Science and Education Departments). COURSE REQUIREMENT CHECKLISTS FOR THE VARIOUS MAJORS LISTED ABOVE ARE AVAILABLE AT THE DEPARTMENT OF EDUCATION OFFICE IN ROOM 244.

## **Advisors for Students in Education**

Suffolk University is a member of the American Association of Colleges for Teacher Education. Suffolk's membership in the Association is predicated upon the fact that teacher education is a vital concern of the entire University. Consequently, responsibility for and interest in Suffolk's teacher education programs involve personnel both within and without the Department of Education. The College Committee on Teacher Education, the Department Chairmen and the Department of Education are especially eager that students in the Education programs receive the professional assistance so vital in the shaping of a rewarding and meaningful academic career. Students are encouraged to meet often both with their professors in Education and with their major advisors. The advisors listed below have been designated as liaison faculty in the various Departments of the Colleges:

Biology	Professor Philip F. Mulvey, Jr.
Business Administration	Professor Lee Sutherland
Chemistry	Professor Maria M. Bonaventura
English	Professor Robert K. Johnson
Foreign Language	Professor Cleophas W. Boudreau
Government	Professor John O'Callaghan
History	Professor Edward G. Hartmann
Humanities	Professor Florence R. Petherick
Journalism	Professor Malcolm Barach
Mathematics	Professor William J. Buckingham
Philosophy	Professor Philip D. Pearl
Physics	Professor Walter H. Johnston, Jr.
Psychology	Professor Elizabeth S. Williams
Sociology	Professor Phyllis Mack
Speech	Professor Allan Kennedy

## **Teacher Certification in Massachusetts**

### **General Requirements**

To be eligible for a certificate an applicant should present:

1. Evidence of American citizenship.
2. Evidence of good health.
3. Evidence of sound moral character.
4. Evidence that the applicant possesses a bachelor's degree.

### **Special Requirements**

**Elementary School Certificate** — Eighteen semester hours are required in education courses which include not less than 2 semester hours (120 clock hours) in supervised student teaching in elementary grades. The remaining



semester hours shall include courses from two or more of the following areas:

Educational Psychology, including Child Growth and Development  
Philosophy of Education  
Methods and Materials in Elementary Education  
Curriculum Development in Elementary Education

**Secondary School Certificate** — Twelve semester hours are required in education courses which will include not less than two semester hours (120 clock hours) in supervised student teaching in secondary schools. The remaining semester hours shall include courses in two or more of the following areas:

Educational Psychology, including Adolescent Growth and Development  
Philosophy of Education  
Methods and Materials in Secondary Education  
Curriculum Development in Secondary Education

At least eighteen semester hours of course work in the major subject field and nine semester hours in a minor subject field are also required. These majors and minors may be obtained in science, English, social studies, foreign languages, history, government, mathematics, and business administration.

Those working for certification in principalships, supervisory positions, guidance and special subjects teaching should arrange for an interview with the Chairman of the Education Department or his representative.

## Education Courses

**Education 2.1-2.2 — Introduction to Education in American Society.** This course has been designed primarily as an optional elective to meet, in part, the undergraduate social science requirement in general education. Focus will be on the school as a social institution. Significant aspects of American culture and society will be considered to provide a setting for the study of the process, organization and problems of American education. *This course may not be taken for graduate credit. 2 terms – 6 semester hours. Normally offered yearly.*

**Education 3.1 — Foundations of Education.** Orientation to teaching as a career. An introduction to the organization, role and purposes of elementary and secondary education in American society. Consideration of the philosophical, historical and social foundations of education as an institution. *1 term – 3 semester hours. Normally offered yearly.*

**Education 3.2 — Educational Psychology.** An examination of the nature of human abilities and of the teaching-learning process. The course includes a consideration of the facts and generalizations of child and adolescent growth and development. *Required of all students concentrating in Education. 1 term – 3 semester hours. Normally offered yearly.*

**Education 3.3 — An Introduction to the Exceptional Child in the Schools.** An introductory survey course concerning the child with special needs. Topics to be covered are gifted children; mild, moderate and severe general learning disabilities; children with behavior, oral communication, hearing, vision, health, and specific learning problems. Massachusetts Chapter 766 and the concept of mainstreaming in education will be discussed. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.2 — Classroom Testing.** Study of the principles of measurement as they relate to the evaluation and assessment of the instructional process. Specification of the objectives of instruction and construction of tests to measure outcomes, particularly in the cognitive domain. *1 term – 3 semester hours. Normally offered every third year.*

**Education 4.3 — Methods of Teaching: Secondary Education, Classroom Interaction and Group Management.** The role of the teacher in the design of significant learning experiences for adolescents is studied. Analysis of the forces, dynamics, and interaction patterns of group process in the teaching-learning transaction. Included will be audio visual instruction. *Required of all Secondary Education minors. 1 term – 4 semester hours. Normally offered yearly.*

**Education 4.4 — Methods of Teaching: Development of Teaching Competencies in the Secondary School.** A course designed to aid secondary education students to develop teaching skills in the following areas: objectifying instruction, selecting and organizing content, guiding learning activities and assessing learning. All major areas of the secondary curriculum (English, math, science, social studies and foreign languages). *Prerequisite: Education 4.3. 1 term – 4 semester hours. Offered each spring semester only.*

**Education 4.5 — Future Patterns & Problems of Education.** This course explores the basic methodology of futures research to identify the means of forecasting social change. Group projects in the design of possible future scenarios for education will be conducted. *1 term – 3 semester hours. Normally offered every third year.*

**Education 4.7 — Seminar in Methodology: Art.** This course deals with three areas: theory, studio involvement and the study of the teaching-learning situation. It examines school art programs through a study of basic literature and analysis of teaching methods. Attention is given to the ordering and budgeting of supplies in curriculum planning. (Held in the art section of the Division of Instruction of the Newton Public Schools, this seminar provides opportunities for direct and extensive observation and utilization of those facilities.)

Run in conjunction with Observation and Student Teaching in Art Education, practical instructional experience is provided in the following areas: print making, drawing, painting, collage, ceramics, papier-mache, wood carving, welding, assemblage, film making, light shows, animation, project images via slides, and sand casting. *1 term – 3 semester hours. Normally offered annually.*

**Education 4.9 — Reading and Study Skills in the Secondary School.** Basic course in reading in the secondary school; investigates the reading process (major emphasis placed on reading and study skills methodology essential for content mastery in most secondary school subject matter areas). Discussion of the special problems of the remedial reader. Reading tests and procedures for grouping will be analyzed. Issues such as speed reading and innovative reading programs will be studied. This course will also be the locus for selected general pre-professional placements as a prerequisite experience for a later course in student teaching. *Required of all students in Secondary Education Programs. 1 term – 3 semester hours. Not offered after 1975-1976. See Educ. 5.99.*



**Education 4.10-4.11 — Elementary Methods: Developing Competencies for Elementary School Teaching.** An introduction to the basic competencies of classroom teaching. Students will be expected to objectify, plan, select materials for, conduct, and assess learning activities in a preservice teaching setting arranged for this course. The following areas of the elementary curriculum will be considered: Language Arts, Math, Social Studies and Science. These courses will be taken concurrently in the last half of the junior year or the first half of the senior year preceding student teaching. *Required of all students majoring in Elementary Education. 2 terms – 8 semester hours. Normally offered yearly.*

**Education 4.12 — Teaching Elementary Reading.** A course concerned with teaching reading in grades K-6. Includes the reading process, reading readiness, grouping techniques, basal, individualized, linguistic, language-experience and its approaches, phonics in the reading program, word recognition and comprehension skills. *Required of all elementary education majors. Must be completed by the middle of the senior year and/or prior to student teaching. 1 term – 3 semester hours. Normally offered yearly.*

**Education 4.13 — Elementary Methods: Mathematics and Its Teaching.** A study of basic concepts involved in elementary school mathematics, including set theory, systems of numeration, properties and relations, number systems and basic ideas in geometry. Methods of teaching the above and their sequential development will be presented. *Required of all students majoring in Elementary Education. 1 term – 3 semester hours. Normally offered yearly.*

**Education 4.14 — Art for the Classroom Teacher.** This course develops an understanding of art as an integral part of the elementary curriculum. The materials and methods suitable for developing a qualitative art program on this level are explored. Emphasis on developing the perceptual, intellectual and emotional experiences of the child through art expression. Recommended for all students planning to teach in the elementary grades. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.18 — Curriculum and Methods in the Teaching of Secondary Basic Business Subjects.** Study and evaluation of the contemporary secondary Business Education Curriculum. This course will analyze the most current methods and developments as well as the newly emerging subjects in the field of Business Office and Career Education. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.20 — Student Teaching (Elementary).** Observation and student teaching in selected elementary schools. Conferences with the supervising teacher and cooperating school teacher. The course is to be taken in either semester by undergraduate seniors or graduate students. Education 4.20 is required of all students majoring in Elementary Education. (See Special Regulations concerning Student Teaching.) *1 term – 9 semester hours. Normally offered yearly.*

**Education 4.21 — Student Teaching (Secondary).** Observation and student teaching in selected secondary schools. Conferences with the supervising teacher and the cooperating school teacher. The course may be taken either semester by undergraduate seniors or graduate students. Education S4.21 will be offered during each summer session for 6 semester hours; for graduate students only. (See Special Regulations concerning Student Teaching.) *1 term – 9 semester hours. Normally offered yearly.*

**Education 4.26 — Elementary Curriculum Development.** A study of the principles of designing curricula for the elementary grades. This is done from the standpoint of the logic and

structure of the subject matter, the child as a learner, and the aims of the school. Required of all students majoring in Elementary Education. Recommended for in-service teachers and graduate students in the Foundations of Education program. *1 term – 3 semester hours. Normally offered annually.*

**Education 4.28 — Open Concept Education.** Unifying theme of this course will be to introduce the concept of openness in education. Topics will include the development of open concept education in the U.S. and how it has been influenced by the British Infant School; assessing how the educational setting affects the ability and opportunities for children to learn; and developing criteria for selecting and developing materials in an open classroom setting. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.29 — Advanced Topics in Elementary Mathematics and Science.** Investigation and comparison of current and emerging curricula and materials in elementary school mathematics and science. Some teaching experience would be advisable. *Prerequisite: Education 4.13 or consent of instructor. Laboratory fee: \$15. 1 term – 3 semester hours. Normally offered alternate years.*

**Education 4.39 — Seminar in Secondary Curriculum Innovation: Social Studies.** A critical evaluation of recent innovations in secondary social studies curricula. There will be individual and group analysis of materials and study of the organization of disciplines within the social studies. Recommended for graduate students, experienced teachers, and undergraduates with training in education. *1 term – 3 semester hours. Normally offered every third year.*

**Education 4.95 — Issues in Early Childhood Education.** Explores basic assumptions and beliefs upon which recently developed early childhood programs rest. Programs and models such as Bank Street, Cognitively Oriented Curriculum, Montessori and British Infant School are analyzed. Recommended for students interested in Early Childhood Education. *1 term – 3 semester hours. Normally offered yearly.*

**Education 4.96 — Advanced Topics in Elementary Language Arts.** Investigations and comparisons of current and emerging curricula and materials in Elementary Language Arts. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5 — Studies in Education.** Members of the Department will hold conference hours with students and will direct their readings in areas of educational research which may be of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendation of the Department Chairman and with the approval of the Dean. *1 term – 3 semester hours.*

## ENGLISH

Department of English — *Professors:* Vogel (Chairman), Bigelow, Clark, Connors, Johnson, Millner and Wilkins; *Associate Professors:* Boutelle, Colburn and M. Mahoney; *Assistant Professors:* Celli, Hughes, Jurich, Lottridge and Merzlak; *Instructor:* Marchant; *Lecturers:* Dickstein, Hershfang, Martin, McKinley, Mandl, Stratman.

All degree candidates for liberal arts and science, journalism, and business administration are required to take four semesters of English. This requirement is normally fulfilled in the Freshman and Sophomore years.



**Semester 1** — Students will normally be assigned to English 1.1 (Freshman English). Students who need more preparation will be assigned to English 1.0 (Writing Skills) or English 1.3 (English as a Second Language). Students with a high degree of competence in composition will be assigned to English 1.4 (Advanced Freshman English).

As a condition of admission to the University, some students are required to take English 1.5 (Communication Process). Such students may also take English 1.1 during the first semester unless assigned to English 1.0 or English 1.3.

Upperclass probationary students with a reading deficiency may be required to take English 1.6.

(English 1.5 and English 1.6 may be taken as a free elective with permission of the Director of Reading.)

**Semester 2** — All students will take English 1.2 (Freshman English).

**Semesters 3 and 4** — All B.A. students in Liberal Arts will take English 2.3-2.4.

All Business Administration students will take English 2.3-2.4.

All B.S. students in Liberal Arts may take English 2.3, 2.4, 3.3, 3.4 or courses listed on p. 89. No other English course will satisfy the third and fourth semester requirements.

Transfer students with an English major must complete at least nine hours beyond English 2.3-2.4 in courses given by the Suffolk English department.

All English majors must also take at least one course from each of the five options on p. 93. Anyone who has completed English 5H (Honors in English) can substitute it for one of the groupings.

English courses taken for graduate credit will require extra written and reading assignments.

In addition to B.A. and B.S. degrees in English, the department also offers a bachelor's degree combining English, Journalism, and Secondary Education. Requirements vary slightly from those of the regular English major. See pp. 95-96.

All English majors must have their programs approved each semester by an advisor from the English department.

## English Options

### Option 1

- English 3.73 Chaucer
- English 3.5 Shakespeare: The Comic Spirit
- English 3.6 Shakespeare: The Tragic Spirit
- English 3.11 Classical Drama
- English 3.12 Classics Before Christ

### Option 2

- English 3.8 Seventeenth Century Literature
- English 3.9 The Age of Enlightenment
- English 4.3 The Eighteenth-Century English Novel

### Option 3

- English 4.4 The Nineteenth-Century English Novel
- English 4.5 The Romantic Age: Poetry and Prose
- English 4.6 The Victorian Age: Poetry and Prose

### Option 4

- English 3.21 The Rise of American Fiction
- English 3.22 Thoreau, Hawthorne, and Melville
- English 3.23 American Realism and Naturalism
- English 3.24 Whitman and Dickinson
- English 4.30 The Literature of Race, 1746-1940
- English 4.31 The Literature of Race, 1940 to Present

### Option 5

- English 4.7 Modern English Poetry
- English 4.8 Modern American Poetry
- English 4.9 Modern American Drama
- English 4.11 Modern English Novel
- English 4.12 Modern American Fiction
- English 4.14 Modern British Drama

## Free Electives in English\*\*

(These will not count as English options for B.S. candidates)

- |                   |   |
|-------------------|---|
| English 3.1       | History of the English Language                                 |
| English 3.14      | The Literature of Poverty                                       |
| English 3.15-3.16 | Writing Workshop  |
| English 3.17-3.18 | Directed Writing  |
| English 3.25      | Studies in Short Fiction  |
| English 3.76      | The Bible As Literature: Old Testament                          |
| English 3.77      | The Bible As Literature: New Testament                          |
| English 4.2       | Modern World Drama  |
| English 4.10      | American Theatre Today  |
| English 4.15      | American Musical Theatre  |
| English 4.16      | Irish Literature  |
| English 4.21      | It Happened in Boston: A City in Fiction                        |
| English 4.22      | Their Money and Their Lives: Businessmen in American Literature |

\*\*Any course under list of English options (p. 93) not already covered.



English 4.23	Novels and Newspapers
English 4.28	Fantasy and Folklore
English 4.32	Children's Literature
English 4.33	Adolescent Literature
English 4.34	Women in Literature
English 4.39	Murder as a Fine Art: Classic Tales of Mystery and Terror
English 4.40	Science Fiction
English 4.41	The World on Film
English 4.42	Talking Pictures: The Eyes and Ears Of The World
English 4.43	Law and Literature
English 4.45	New Found Lands: Canadian Literature

### English Major with A.B. Degree

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
Eng. 1.1-1.2 (does not count toward English major or minor) .....	6	Eng. 2.3-2.4 (does not count toward English major) .....	6
Hist. 1.1-1.2 or Hist. 1.3-1.4 .....	6	English major course* .....	6
Related Elective .....	6	Foreign Language 2.1-2.2 or elective .....	6
Social Science Option .....	6	Science Option .....	8
Foreign Language 1.1-1.2 or 2.1-2.2 .....	6	Social Science Option .....	6
	<u>30</u>		<u>32</u>

<b>Junior</b>	<b>Sem. Hrs.</b>	<b>Senior</b>	<b>Sem. Hrs.</b>
English major course* .....	6	English major course* .....	6
English major course* .....	6	English major course* .....	6
Science Option .....	6	Elective .....	6
Related Elective .....	6	Elective .....	6
Elective .....	6	Elective .....	6
	<u>30</u>		<u>30</u>

\*NOTE: English major course must include one from *each* of five options (see p. 93).

### English Major with B.S. Degree

<b>Freshman</b>	<b>Sem. Hrs.</b>	<b>Sophomore</b>	<b>Sem. Hrs.</b>
Eng. 1.1-1.2 (does not count toward English major) .....	6	English Option (Eng. 2.3-2.4 required) .....	6
Social Science Option .....	6	Humanities Option .....	6
Communications Option .....	6	English major course* .....	6
Elective .....	6	Elective .....	6
Science Option .....	8	Related Elective .....	6
	<u>32</u>		<u>30</u>

Junior	Sem. Hrs.	Senior	Sem. Hrs.
English major course* .....	6	English major course* .....	6
English major course* .....	6	English major course* .....	6
Related Elective .....	6	Elective .....	6
Elective .....	6	Elective .....	6
Elective .....	6	Elective .....	6
	<hr/> 30		<hr/> 30

\*NOTE: English major courses must include one from *each* of five options (see p. 93).

If all twelve hours of related elective are taken in Humanities and/or Philosophy, then the Humanities option (listed above in sophomore year) becomes a free elective.

## English-Journalism-Education (Combined Major)

This program leads to the A.B. degree.

### Freshman

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 1.1 .....	3	English 1.2 .....	3
History 1.1 or 1.3 .....	3	History 1.2 or 1.4 .....	3
Journalism 2.1 .....	3	Journalism 2.2 .....	3
Humanities Option .....	3	Humanities Option .....	3
Social Studies Option .....	3	Social Studies Option .....	3

### Sophomore

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 2.3 .....	3	English 2.4 .....	3
First Year Foreign Language .....	3	First Year Foreign Language .....	3
Science Option .....	4	Science Option .....	4
Journalism 2.3 .....	3	Journalism Elective .....	3
English Elective .....	3	English Elective .....	3

### Junior

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Second Year Foreign Language ...	3	Second Year Foreign Language ...	3
Journalism 3.1 or 4.1 .....	3	Education 2.3 .....	3
English Elective .....	3	Education 4.9 .....	3
English Elective .....	3	English Elective .....	3
English Elective .....	3	English Elective .....	3



**Senior**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Education 4.31 .....	3	Education 4.32 .....	3
Education 4.21 .....	9	Speech 1.2 .....	3
Journalism 3.5 .....	3	English Elective .....	3
Education 3.2 .....	3	Elective .....	3

**English-Journalism-Education**  
**(Combined Major)**

This program leads to the B.S. degree.

**Freshman**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 1.1 .....	3	English 1.2 .....	3
Journalism 2.1 .....	3	Journalism 2.2 .....	3
Social Science Option .....	3	Social Science Option .....	3
Humanities Option .....	3	Humanities Option .....	3
Laboratory Science Option .....	4	Laboratory Science Option .....	4

**Sophomore**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 2.3 .....	3	English 2.4 .....	3
Psychology 1.1 .....	3	Education 3.2 .....	3
Education 2.3 .....	3	Speech 1.2 .....	3
English Elective .....	3	English Elective .....	3
Journalism 2.3 .....	3	Journalism 3.3 .....	3

**Junior**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 3.1 .....	3	Elective .....	3
Education 4.9 .....	3	Related or Free Elective .....	3
English Elective .....	3	English Elective .....	3
Journalism 2.7 .....	3	English Elective .....	3
English Elective .....	3	English Elective .....	3

**Senior**

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Journalism 3.5 .....	3	Education 4.32 .....	3
English 4.33 .....	3	Education 4.21 .....	9
Related or Free Elective .....	3	English Elective .....	3
Related or Free Elective .....	3		
Education 4.3 .....	3		

## English Courses

**English 1.0 — Writing Skills.** A course designed to give extra practice in writing to the student who lacks skills in English. Emphasis on grammar and punctuation. *1 term – 3 semester hours. Offered in fall semester.*

**English 1.1 — Freshman English.** The fundamental course designed to increase the student's capacity to read and write correctly and logically. *1 term – 3 semester hours. Offered every semester.*

**English 1.2 — Freshman English.** A continuation of English 1.0, 1.1, 1.3 and 1.4. The mechanics of research and the writing of a term paper. *1 term – 3 semester hours. Offered every semester.*

**English 1.3 — English as a Second Language.** A study of the fundamentals of the English language designed to assist foreign students speaking English as a second language. Emphasis on English idiom. *1 term – 3 semester hours. Offered in fall semester.*

**English 1.4 — Advanced Freshman English.** Reserved for students who enter Suffolk with high SAT verbal scores or who satisfy other criteria. Frequent written assignments based on relevant literature. *1 term – 3 semester hours. Offered in fall semester.*

**English 1.5 — Communication Process.** One semester course for Freshmen. 3 hours of class; 2 hours of laboratory. Designed to improve reading skills, study skills, vocabulary, and written and oral expression. Emphasis on organizational patterns in reading and writing. Laboratory sessions individualized according to diagnostic test results. *1 term – 3 semester hours. Normally offered every semester.*

**English 1.6 — Communication Process.** One semester course for Sophomores and Juniors. 3 hours of class; 2 hours of laboratory. Focus on developing an efficient and organized approach toward college reading and study skills. Aims to improve inferential reading ability, reading flexibility, and written expression. Laboratory sessions individualized according to diagnostic test results. *1 term – 3 semester hours. Normally offered every semester.*

**English 1.8 — Verbal Cognition and Learning.** One semester course for upperclassmen. 3 hours of class (laboratory optional). Designed primarily for upper class students who are interested in improving verbal abilities in preparation for graduate study and professional careers. Stress on developing proficiency in abstract verbal reasoning through principles of logic, analogy study, vocabulary development, and critical reading. *1 term – 3 semester hours. Normally offered every other semester.*

**English 2.3 — Literary Masters of England.** Major British writers from the fourteenth century to the present. List may vary at the discretion of the instructor. Writing assignments are a major requirement of this course. *Prerequisite: English 1.1-1.2. 1 term – 3 semester hours. Offered every semester.*

**English 2.4 — Literary Masters of America.** Major American writers from the early nineteenth century to the present. List may vary at the discretion of the instructor. Writing assignments are a major requirement of this course. *Prerequisite: English 1.1-1.2. 1 term – 3 semester hours. Offered every semester.*

**English 3.1 → History of the English Language.** Historical development and present



character of the English language: phonology, morphology, syntax, vocabulary, and usage. 1 term – 3 semester hours. Offered in alternate years.

**English 3.3 — Great Books of World Literature.** Literary masterpieces from ancient times to the Renaissance: *The Odyssey*, *The Tale of Genji*, *The Inferno*, *Four Major Plays of Chikamatsu*, *The Golden Lotus*, *Don Quixote*, and the plays of Moliere. List may vary at the discretion of the instructor. 1 term – 3 semester hours. Offered yearly.

**English 3.4 — Great Books of World Literature.** Literary masterpieces from the eighteenth century to the twentieth century: *Candide*, *Faust*, *Flowers of Evil*, *Brothers Karamazov*, *Bread and Wine*, and selections from Thomas Mann. List may vary at the discretion of the instructor. 1 term – 3 semester hours. Offered yearly.

**English 3.5 — Shakespeare: The Comic Spirit.** Shakespeare's background and development as a dramatist through an examination of selected comedies and histories. Collateral reading of the minor plays and Shakespeare criticism. 1 term – 3 semester hours. Offered yearly.

**English 3.6 — Shakespeare: The Tragic Spirit.** Shakespeare's major tragedies reflecting the range, resourcefulness, and power of his dramaturgy. Collateral reading in Shakespeare criticism. 1 term – 3 semester hours. Offered yearly.

**English 3.8 — Seventeenth-Century Literature.** Metaphysical and Cavalier poetry, major works of Milton and the development of prose including Bacon, Browne, Bunyan, Pepys, and others. 1 term – 3 semester hours. Offered in alternate years.

**English 3.9 — The Age of Enlightenment.** The great age of satire, essay, criticism, biography, and "nature". Writers to be studied include Dryden, Pope, Swift, Addison and Steele, Boswell, Johnson, Gray, Thomson, Gibbon. 1 term – 3 semester hours. Offered in alternate years.

**English 3.11 — Classical Drama.** Greek and Roman drama from its origins; characteristics of the theater; development of tragedy and comedy. Readings in Aeschylus, Sophocles, Euripides, Aristophanes, Plautus, Terence, and Seneca. 1 term – 3 semester hours. Offered every third year.

**English 3.12 — Classics Before Christ.** An introduction to selected literary masterpieces of the Greek and Roman periods. Discussion of ideas and values in the classical world. Readings in the *Iliad*, *Odyssey*, *Aeneid*, selected dramatists, poets, and prose artists. 1 term – 3 semester hours. Offered every third year.

**English 3.14 — The Literature of Poverty.** A treatment of the problem of poverty and the poor in the fiction of England and America. The shift in perspective from poverty as a moral problem in the Age of Reason to the poor as a social problem in the Age of Anxiety. This course particularly useful for students in the social sciences. 1 term – 3 semester hours. Offered in alternate years.

**English 3.15 — Writing Workshop.** Each student plans his own work. The group acts as editors. Techniques of fiction, verse, drama and other forms of writing will be discussed. Student writing will be regularly read and analyzed in class, and may be submitted to the college literary magazine for publication. 1 term – 3 semester hours. Offered every year.

**English 3.16 — Writing Workshop.** A continuation of English 3.15. 1 term – 3 semester hours. Offered every year.

**English 3.17 — Directed Writing.** Independent work on a writing project under the guidance of the instructor, with frequent readings and discussion of the work in progress through the year. 1 term – 3 semester hours. *Offered every year.*

**English 3.18 — Directed Writing.** A continuation of English 3.17. 1 term – 3 semester hours. *Offered every year.*

**English 3.21 — The Rise of American Fiction.** Development of the American imagination in the short story and novel including works of Brown, Irving, Cooper, Poe, Hawthorne, and Melville. 1 term – 3 semester hours. *Offered in alternate years.*

**English 3.22 — Thoreau, Hawthorne, and Melville.** Close examination of works by three major writers of the American Renaissance. 1 term – 3 semester hours. *Offered in alternate years.*

**English 3.23 — American Realism and Naturalism.** American literature from the late nineteenth century to World War I. Writers included: local colorists, Twain, James, Howells, Crane, Norris, Dreiser, and Robinson. 1 term – 3 semester hours. *Offered in alternate years.*

**English 3.24 — Whitman and Dickinson.** A study of the work of America's two greatest nineteenth-century poets, considering the achievement of each and their startling diversity. 1 term – 3 semester hours. *Offered in alternate years.*

**English 3.25 — Studies in Short Fiction.** Study of the forms and techniques of short fiction, historically, thematically, structurally. National origin of stories may vary at the discretion of the instructor. 1 term – 3 semester hours. *Offered yearly.*

**English 3.73 — Chaucer.** Close reading and discussion of *The Canterbury Tales* and *Troilus and Criseyda* against the background of the late Middle Ages. 1 term – 3 semester hours. *Offered in alternate years.*

**English 3.76 — The Bible as Literature: Old Testament.** A study of the King James translation, as an embodiment of Hebrew history, folklore, and legend. The altering concept of the nature of God, and the development of the idea of an afterlife. 1 term – 3 semester hours. *Offered in alternate years.*

**English 3.77 — The Bible as Literature: New Testament and Apocrypha.** Study of the King James translation. Jesus' life and teachings, his concept of his own mission, and Paul's concept of Jesus. Major apocryphal writings as Hebrew didactic literature. 1 term – 3 semester hours. *Offered in alternate years.*

**English 4.2 — Modern World Drama.** Developments in non-English-speaking theatre, from the advent of modernism in Ibsen, Strindberg, Chekhov, Pirandello and Brecht, through the experiments of Beckett, Genet, and Ionesco, to present theatrical masters around the world. 1 term – 3 semester hours. *Offered every third year.*

**English 4.3 — The Eighteenth-Century English Novel.** The English novel before Richardson. Major eighteenth-century novelists: Defoe, Richardson, Fielding, Smollett, Sterne, and Austen. Sentimental and gothic novels. 1 term – 3 semester hours. *Offered in alternate years.*

**English 4.4 — The Nineteenth-Century English Novel.** Development of the Romantic and Victorian novel. Readings in major works of the Brontës, Dickens, Thackeray, Trollope, Eliot, and Hardy. 1 term – 3 semester hours. *Offered in alternate years.*



**English 4.5 — The Romantic Age: Poetry and Prose.** The mind and spirit, poetics and poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats, along with major essayists. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.6 — The Victorian Age: Poetry and Prose.** The mind and spirit, poetics, and poetry of Tennyson, Browning, Arnold, Rossetti, and Morris, along with major essayists. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.7 — Modern English Poetry.** The individual achievement of major poets and their expressions of a modern sensibility from World War I to the present. *1 term – 3 semester hours. Offered every third year.*

**English 4.8 — Modern American Poetry.** Modern American poetry from World War I to the present. Emergence of new forms and ideas in the writings of Frost, Pound, Eliot, Stevens, Williams, Hart, Crane, Lowell, Roethke, Dickey, and others. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.9 — Modern American Drama.** Masterworks and trends in American Theatre from its genesis in O'Neill, to the most recent traditions and experiments. Among the major figures covered: Odets, Wilder, Miller, Williams, Hellman, Albee, Bullins, Rabe and Sondheim. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.10 — American Theatre Today.** Examination of all aspects of current theatrical activity in America. Attendance at local theater productions featured. Additional fee required to cover cost of theatre tickets. *1 term – 3 semester hours. Offered every third year.*

**English 4.11 — Modern English Novel.** Ideas and techniques of twentieth century English fiction in the works of Forster, Joyce, Lawrence, Snow, Cary, Waugh, Greene, Osborne, Durrell, or others. List may vary at the discretion of the instructor. *1 term – 3 semester hours. Offered every third year.*

**English 4.12 — Modern American Fiction.** Twentieth-century American fiction, both short stories and novels, of Dreiser, Hemingway, Fitzgerald, Faulkner, Bellow, Oates and others at the discretion of the instructor. Particular works of literary excellence to be examined rather than writers' literary careers. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.14 — Modern British Drama.** Developments in British Theatre, both traditional and experimental, from Shaw to the present, with emphasis on Beckett, Synge, O'Casey, Osborne, Pinter, Bond, and Storey. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.15 — American Musical Theatre.** The development of the American musical, from its beginnings in the revue and opera, through the deepening influence of Rodgers and Hammerstein, to the recent work of Steven Sondheim and Harold Prince. *1 term – 3 semester hours. Offered every third year.*

**English 4.15 — Irish Literature.** Writers of the Irish Literary Revival, from the 1890's to the present. Readings from Yeats, Joyce, Synge, O'Casey, O'Flaherty, Stephens and Behan. The influence of Anglo-Irish history on Irish writers. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.21 — It Happened in Boston: A City in Fiction.** Boston in novels from its beginning to the present — plan of the city, architecture, population, social classes, politics, human problems. Authors to include Hawthorne, James, Howells, Marquand, Jean Stafford, Edwin O'Connor, Bryant Rollins, and others. *1 term – 3 semester hours. Offered every third year.*

**English 4.22 — Their Money and Their Lives: Businessmen in American Literature.** Readings to include Howells's *The Rise of Silas Lapham*, Dreiser's *The Financier*, Lewis's *Babbitt*, Fitzgerald's *The Great Gatsby*, and others. Primarily an elective for business majors, but others welcome. *1 term – 3 semester hours. Offered every third year.*

**English 4.24 — Novels and Newspapers.** A study of the fiction of Stephen Crane, Theodore Dreiser, and Ernest Hemingway, and the origins of this fiction in their apprentice work, newspaper reporting. *1 term – 3 semester hours. Offered every third year.*

**English 4.28 — Fantasy and Folklore.** Folk tales, fairy tales, myths and ballads reflecting both a literary and cultural tradition. Fantasy, as escape and enlightenment, to include science fiction and the Utopian novel. Readings from Robert Heinlein, C.S. Lewis, T.H. White and others. *1 term – 3 semester hours. Offered every third year.*

**English 4.30 — The Literature of Race: 1746-1940.** Black American writing from the beginning through the Harlem Renaissance: poetry, fiction, autobiography, essay. Writers to include, among others, Phillis Wheatley, Paul Laurence Dunbar, Claude McKay, Countee Cullen, Langston Hughes, Charles W. Chestnutt, Jean Toomer, Frederick Douglass, and W.E.B. DuBois. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.31 — The Literature of Race: 1940 to Present.** Modern black writing: poetry, drama, fiction, essay. Writers to include, among others, Gwendolyn Brooks, Le Roi Jones, Lorraine Hansberry, Ossie Davis, Ed Bullins, Richard Wright, Ralph Ellison, James Baldwin, and John A. Williams. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.32 — Children's Literature.** The background of children's literature; picture books; fantasy and folklore — from Mother Goose to Dr. Seuss; other prose and poetry appropriate for the elementary age level. *1 term – 3 semester hours. Offered yearly.*

**English 4.33 — Adolescent Literature.** Novels emphasizing the special concerns of teenagers — peer group approval, family relationships, sexual fulfillment, self-realization; the historical novel; biography; the poetry of NOW. *1 term – 3 semester hours. Offered yearly.*

**English 4.34 — Women in Literature.** An examination of different perspectives on the role of women as expressed in nineteenth and twentieth century literature. Authors to be considered: Ibsen, Lawrence, Woolf, Chopin, Lessing, Plath, Olsen, and others. *1 term – 3 semester hours. Offered every third year.*

**English 4.39 — Murder as a Fine Art: Classic Tales of Mystery and Terror.** Classic stories of suspense and detection, including short stories and novels by Poe, Dickens, Collins, Doyle, Chandler, Hammett, Christie, DuMaurier and LeCarre. Current examples also to be included. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.40 — Science Fiction.** Classic works of science fiction, including short stories and novels by Vonnegut, Asimov, Clarke, Bradbury and Heinlein. *1 term – 3 semester hours. Offered in alternate years.*



**English 4.41 — The World on Film.** An examination of film as an art form and as entertainment. Course to include the writing of film criticism and the study of how a film is made. Several films will be viewed in class. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.42 — Talking Pictures: The Eyes And Ears Of The World.** An examination of sound movies and their impact on our culture. The class will read famous film-scripts and view the films of famous directors as the basis for discussion and written assignments. *1 term – 3 semester hours. Offered in alternate years.*

**English 4.43 — Law and Literature.** The law as presented through various literary genres: origins of laws, the process of law, its relationship to justice and morality, the appeals from the law; the power of non-violence and civil disobedience; the effects of law on individuals and society. *1 term – 3 semester hours. Offered every third year.*

**English 4.45 — New Found Lands: Canadian Literature.** The development of Canadian literature from the eighteenth century to today. The shaping influences of environment, language, tradition, sex, and race. Authors include Davies, Callaghan, Klein, Richler, Avison, Laurence, and Munro. *1 term – 3 semester hours. Offered every third year.*

**English 5H — Honors in English.** A seminar limited to specially qualified juniors and seniors selected by the English faculty for their scholastic achievement and ability to write critical prose. Intensive reading in major fields of English and American literature and a number of substantial written critiques. *1 term – 3 semester hours. Offered every semester.*

## FRENCH

Department of Modern Languages — *Professors:* Boudreau (Chairman), Fehrer; *Associate Professors:* Chiasson, Fang, Hastings, Mendez-Herrera; *Assistant Professor:* Ledesma.

Major requirements for the Bachelor's degree in French are satisfied by successful completion of 30 hours of course work in French, including Masterworks of French Literature.

Courses in Elementary French may not be credited toward the major in French.

To formalize status as a French major, the student must consult with a member of the French staff to draw up a program of 30 hours of French, and 12 hours of related course work. The student will then register as a French major by filling out the appropriate form in the registrar's office. Thereafter, majors should consult with their advisor frequently concerning their progress.

French majors who plan to teach are urged to complete at least 12 hours in another foreign language.

Courses offered in French combine readily with A.B. and B.S. programs in other fields of concentration, particularly Business Administration, Educa-

tion, English, Humanities, Journalism and Philosophy. French language skills in any of these areas enhance career possibilities in government agencies, publishing houses, tourism, import-export houses, American firms abroad, and teaching.

Courses in French subjects offered in English provide ready access to the French-speaking world, its literatures and its diverse cultures around the globe. No foreign language preparation is required. Courses in translation may not be included in the French major program, but 6 hours of such courses may be included on the list of related electives, with approval of the major advisor.

Credit is awarded in Elementary French only upon successful completion of both semesters of the course within one academic year. In Intermediate French, if a student postpones taking the second semester of the course, he/she shall ordinarily be required to repeat the first semester.

The following series of courses stress French language, culture and civilization. They are designed to give the student an intimate understanding of life in France at many levels. Courses offered in French.

French 2.9

French 2.10

French 2.11

French 2.12

The courses numbered 4.- are a logical sequence to 3.1-3.2, and to the series listed above. Courses at level 4.- add to the areas of French culture and civilization the wider dimension of French in the world, and French influence on Western institutions and intellectual life, developed in the light of literary texts.

## French Courses

**French 1.1-1.2 — Elementary French for the Humanities.** Intensive practice in the four language skills. Reading and discussion in French of simple texts of special interest to students planning to concentrate in the Humanities. Extensive use of French-language films, magazine articles and work sheets. Two one-hour laboratory sessions per week. Students normally proceed to French 2.1-2.2 the following year. *2 terms – 6 semester hours. Normally offered yearly.*

**French 1.3-1.4 — Elementary French for the Social Sciences.** Intensive practice in the four language skills. Reading and discussion in French of simple texts of special interest to students planning to concentrate in the Social or Natural Sciences. Extensive use of French-language films, magazine articles and work sheets. Two one-hour laboratory sessions per week. Students normally proceed to French 2.3-2.4 the following year. *2 terms – 6 semester hours. Normally offered yearly.*

**French 2.1-2.2 — Intermediate French for the Humanities.** Reading and discussion in French



of a wide variety of materials of special interest to students of the Humanities. A broad sampling of French literary expression in the twentieth century, including works by Jean-Paul Sartre and Albert Camus. Rapid review of grammar. French-language films. Oral and written expression in French. Two ½-hour laboratory assignments per week. *Prerequisite: French 1.2, 1.4 or permission of the instructor. 2 terms – 6 semester hours. Normally offered yearly.*

**French 2.3-2.4 — Intermediate French: French in the Modern World.** Reading and discussion in French of a wide variety of materials of special interest to students in the Social and Natural Sciences. Selections from the French press that give a transcultural perspective of current problems in contemporary French and American society. Rapid review of grammar. French-language films. Oral and written expression in French and individual reports. Two ½-hour laboratory assignments per week. *Prerequisite: French 1.2, 1.4 or permission of the instructor. 2 terms – 6 semester hours. Normally offered yearly.*

**French 2.5 — The French Heritage in North America: Canada, the United States, and the French Antilles.** The influence of French in the New World: a historical and cultural survey of the many contributions of French culture in the United States, the French Antilles and French-speaking Canada. Special emphasis on the cultural history of Canada's "Belle Province" in preparation for a one-week field trip to Montreal or Quebec at the conclusion of the course. (Participation in field trip optional.) Conducted in English; no knowledge of French required. *1 term – 3 semester hours. Normally offered yearly, in the Fall term.*

**French 2.6 — French-Canadian Life in Literature.** A study of several major literary works from French Canada. Aspects of French-Canadian life used as themes or background in literature will be examined in order to determine their role in establishing a unique cultural identity. Conducted in English, all texts in translation. *1 term – 3 semester hours. Normally offered yearly, in the Spring term.*

**French 2.9 — Contemporary French Civilization.** Reading and discussion in French of texts about French society and culture, education, politics and economy. Films showing Paris and the provinces. Some review work in grammar and use of the language laboratory. *1 term – 3 semester hours. Normally offered in Fall term of alternate years.*

**French 2.10 — French Culture and Conversation.** In-depth studies of subjects introduced in French 2.9. Aspects of French journalism; discussions of French gastronomy. Comparison of French and American educational philosophy and institutions. Continued work in conversation and writing. Language laboratory. *1 term – 3 semester hours. Normally offered in alternate years, Spring term.*

**French 2.11 — French Cultural Heritage.** An introduction to French civilization stressing the several great historical periods. Reading and discussions in French to illustrate ideas and forms from the periods selected. Language laboratory. *1 term – 3 semester hours. Normally offered in alternate years, Fall term.*

**French 2.12 — Life in France.** Paris and its institutions contrasted with one province in order to show differences in life styles, attitudes, interests and customs. Continued work in conversation and writing. Language laboratory. *1 term – 3 semester hours. Normally offered in alternate years, Spring term.*

**French 3.1 — Masterworks of French Literature: I.** The great works of French Literature from the Middle Ages to the Age of Enlightenment. Authors such as Rabelais, Montaigne, Moliere

and Voltaire are read and discussed in relation to the cultural history of their age, with music, color slides, and other background materials illustrating each text. Offered in French, and in English with texts in translation. *1 term – 3 semester hours. Normally offered in Fall term of alternate years.*

**French 3.2— Masterworks of French Literature: II.** The great works of French Literature from the beginning of the 19th century to the present. Authors such as Hugo, Balzac, Baudelaire, Proust, Sartre and Camus are read and discussed in relation to the cultural history of their age, with music, color slides, and other background materials illustrating each text. Offered in French, and in English with texts in translation. *1 term – 3 semester hours. Normally offered in Spring term, yearly.*

**French 4.1 — French Literature of the 18th Century.** A study of the period of the Enlightenment. Literature as an instrument for the transformation of society and sensibility as seen in the works of the “philosophes” such as Montesquieu, Voltaire, Rousseau and the 18th century novelists. Offered in French, and in English with texts in translation. *1 term – 3 semester hours. Normally offered every third year.*

**French 4.2 — French Literature of the 20th Century.** Several major literary movements of the contemporary period as seen through the works of such writers as Gide, Camus, Valéry, Beckett and Ionesco. Offered in French, and in English with texts in translation. *1 term – 3 semester hours. Normally offered every third year.*

**French 4.3 — Self and Society.** The changing concepts of self and society as reflected in French literary works since the Renaissance, examining the themes of conformity, rebellion and alienation in the works of writers such as Molière, Rousseau and Gide. Offered in French, and in English with texts in translation. *1 term – 3 semester hours. Normally offered every third year.*

**French 4.4 — Three Views of Man: Classic, Romantic, and Modern.** Through a definition of these three terms in representative writers such as Boileau, Beaumarchais and Sartre, this course will outline man as he sees himself in literature progressing from the 17th century to the present. Offered in French, and in English with texts in translation. *1 term – 3 semester hours. Normally offered every third year.*

**French 4.5 — The French Novel in Cinema.** A comparative study of six major novels and the films based upon these novels. Both texts and films will be discussed in order to show how basic narrative materials must be translated and transformed to suit the medium used for their presentation. In-class viewing of films (in French, with English sub-titles). Offered in French, and in English with texts in translation. *1 term – 3 semester hours. Normally offered every third year.*

**French 4.6 — French Comic Spirit.** A study of comic works from Rabelais to the present, discussed in the light of Montaigne’s statement: “Laughter is the attribute of man.” Offered in French, and in English with texts in translation. *1 term – 3 semester hours. Normally offered every third year.*

**French 5 — Independent Study.** Students will meet with department members to confer on prearranged subjects based on readings in areas of particular interest to them. *1 term – 3 semester hours.*



## GERMAN

Department of Modern Languages — *Professors:* Boudreau (Chairman), Fehrer; *Associate Professors:* Chiasson, Fang, Hastings, Mendez-Herrera; *Assistant Professor:* Ledesma.

### German Courses

**German 1.1-1.2 — Elementary German.** After an introduction to pronunciation, students may continue in either of two directions: reading of expository texts of special interest to students in the sciences and humanities, or audio-lingual exercises combined with the reading of prose and poetry. Two one-hour laboratory sessions per week. *2 terms – 6 semester hours. Offered yearly.*

**German 1.5 — The Image of Germany, Part I.** History, Government, Economics and the technical, commercial and social developments since 1800. The course will be conducted in English, with outside lecturers and films. Wherever possible, German sources in translation will be used. Readings in German optional. *No prerequisites. 3 semester hours. Normally offered every year in the fall term.*

**German 1.6 — The Image of Germany, Part II.** A survey of German philosophy, religion, education, literature, music, fine arts, theater and film, and communication media since 1800. Conducted like German 1.5, but includes field trip to Busch-Reisinger Museum. *No prerequisites. 3 semester hours. Normally offered every year in the spring term.*

**German 2.1-2.2 — Intermediate German.** Reading of a wide variety of materials, and grammar review. Two directions are offered: further practice in composition and oral expression (two 1/2-hour laboratory sessions per week the first semester, and live conversation with a native speaker the second semester); or continuation of translating and scanning texts of interest to the student. If interested in further studies of German literature, students should contact the instructor. *2 terms – 6 semester hours. Offered yearly.*

## GOVERNMENT OR POLITICAL SCIENCE

Department of Government and Economics — *Professor:* Archon (Chairman); *Associate Professor:* Shannon; *Assistant Professors:* Berg, Dushku, Elmusa, Latta, O'Callaghan, Sawhney. *Lecturers (part-time):* Bain, Bliss, Brownell, A. Burke, Dever, Eaton, Glacel, Gunhouse, Hoover, Kafi-Tehrani, Lehmann-Wilsig, Rabchenuk.

There are two majors in the field of government; namely, *major in Government* and *major in Government Service* involving two tracks of study. Their description and requirements are as follows:

**TRACK A.** — *A.B. or B.S. in Government* which will prepare the candidate for graduate work, the study of law, elective political office, teaching, and in a general way for governmental or business employment.

Requirements in major	Sem. Hrs.
Government 1.1 and 1.2 .....	6
American Government Group ....	6
Government 2.0, 2.1, 2.2, 2.6, 2.7, 3.2, 3.21, 3.22, 3.5, 3.6, 3.61, 3.62, 4.1, 4.3, 4.6, 4.8, 4.9.	
International Relations Group .....	3
Government 3.0, 3.1, 2.3, 2.4, 4.5.	
Political Theory Group .....	3
Government 3.3, 3.4, 2.8.	
Comparative Government Group .	3
Government 2.5, 2.51, 3.7, 3.8, 3.9, 3.91, 4.7.	
Electives in Government .....	9
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Related Electives	Sem. Hrs.
May be chosen from the fields of Economics, History, Sociology, Social Psychology, Education, Journalism, Management, Computer Science.	

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**TRACK B.** — *A.B. or B.S. in Government Service* which will concentrate in the study of practical administrative and political problems and will prepare the candidate for careers in Federal or State Government, and, with minor adjustments, careers in teaching, business, and graduate work.

Requirements in major	Sem. Hrs.
Government 1.1 and 1.2 .....	6
Government 3.2 and 3.21 (Public Administration) .....	6
American Government Group, choice from the following	
a) Government 3.6, 3.61, 3.62 .....	3
b) Government 2.0, 3.22, 4.1, 4.2, 4.8 .....	3
c) Government 2.1, 2.2, 2.6, 2.7, 3.5, 4.3, 4.6, 4.9 .....	3
Electives in Government .....	9
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Related Electives	Sem. Hrs.
Economics 1.1-1.2 .....	6
Accounting 1.1-1.2 .....	6
Economics 2.2 (Statistics) .....	3
Sociology, American History, Computer Science 3.1-3.2 .....	6
Journalism .....	6
Accounting 4.7, 2.6 .....	3 or 6

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Supplementary Requirements	Sem. Hrs.
Computer Science 2.1-2.2 .....	6
Govt. 4.4 — Practicum: Intern- ship in Government .....	3
Econ. 2.2 — Statistics (Econ. 1.1-1.2 or Computer Science 3.1-3.2 may be substituted for Econ. 2.2) ....	3
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Note: These supplementary requirements may be waived in the case of a student who has had two years of paid full-time experience in professional level government work.



## Government Courses

**Government 1.1 — American Government.** The aim of this course is to acquaint the student with the development and operation of the U.S. Government, stressing an understanding of the Federal Constitution, legislation procedure, powers and duties of the executive, the importance of the judiciary and the administration of Federal programs. *1 term – 3 semester hours. Offered every year.*

**Government 1.2 — Comparative Government.** The governmental forms of (a) Britain; (b) France or West Germany; (c) The Soviet Union; and (d) of two non-European countries are studied and compared. Historical and cultural factors are considered in studying the differences between democratic and other governmental systems. *1 term – 3 semester hours. Offered every year.*

**Government 2.0 — Political Research and Analysis.** A survey and explanation of the various methods of analysis available to students of politics and related fields including discussions and practical applications of research theories. *1 term – 3 semester hours. Normally offered every year.*

**Government 2.1-2.2 — American Constitutional Law and Government.** This course provides a comprehensive study of the history and growth of American constitutional government. It will consider the constitutional problems faced by succeeding administrations and the solutions found to such problems. *Prerequisite: Govt. 1.1 or with the approval of the instructor. 2 terms – 6 semester hours. Normally offered every year.*

**Government 2.3-2.4 — American Foreign Policy.** Part I — A study of the formation and implementation of the United States foreign policy: the organization of the State Department; its relations with Congress and the President; the effects of our foreign policy on domestic issues and on other nations. Part II — Post World War II developments in relations between U.S. and U.S.S.R. Soviet Foreign Policy and Soviet-Chinese relations. American policy towards these two powers, Southeast Asia, Western Europe, Middle East and Africa, Western Hemisphere and the U.N. Foreign economic policy and policy towards disarmament. America and the world now and in the future. *2 terms – 6 semester hours. Normally offered in alternate years.*

**Government 2.5 — Politics of Western Europe.** A study of the domestic politics and foreign policy of major western European states in the post World War II period. Topics to be covered include prospects and problems of European integration, political and economic relations with the United States, and the dilemma of a divided Germany. *Prerequisite: Govt. 1.1-1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered in alternate years.*

**Government 2.6 — The American Presidency.** An analysis of the prerogatives and powers of the President, the presidential electoral process, the President's constituencies, the differing styles of past presidents and the importance of the office for the nation. *1 term – 3 semester hours. Normally offered every year.*

**Government 2.7 — Legislative Process.** The structure and functioning of legislatures. Particular emphasis on the U.S. Congress, how it works and how it compares with other legislatures. The Massachusetts legislature. The legislatures in a democracy. *Prerequisite: Govt. 1.1. 1 term – 3 semester hours. Normally offered every year.*

**Government 2.8 — American Political Thought.** A study of the development of American political thought; the Colonial period; the Revolution; the evolution of the Constitution; Jeffersonian democracy; Jacksonian democracy; the slavery controversy; the nature of the

Union; the Progressive Era; the New Deal; the Cold War; the 1960's and 1970's. *1 term – 3 semester hours. Normally offered in alternate years.*

**Government 2.51 — Politics of the Middle East.** Examination of four interlocking themes which have made the contemporary Middle East an area of chronic conflict: The involvement of the area in Big Power rivalries; social change and "modernization" within individual countries; the unity and rivalry involved in Arab nationalism; the Arab-Israeli dispute. *1 term – 3 semester hours. Normally offered in alternate years.*

**Government 3.0-3.1 — International Relations.** PART I — Origin and development of our present state system. Attributes of each nation and its relations with other nations: Aspects of power: land and resources, people and their genius. Execution of state policy involving: imperialism, colonialism, nationalism, retreat from imperialism; war; propaganda and political warfare; diplomacy. International controls over state action: balance of power, international law, international organization: the League, the United Nations: its organs and their functions, political and security issues.

PART II — Conflict and change, collective security and peaceful settlement of disputes. International economic relations and problems. Foreign policies of the United States, the Soviet Union, Britain, France, Japan, China. Problems in Europe, Africa, Asia, Latin America, and efforts toward solution. The World Community and its prospects. *2 terms – 6 semester hours. Normally offered in alternate years.*

**Government 3.3-3.4 — Political Theory.** Part I. Plato to Machiavelli: Study of the teachings of the great ancient political thinkers such as Plato and Aristotle and schools such as the stoics; the Roman lawyers; the medieval thinkers; Thomas Aquinas; Renaissance; Machiavelli. Part II. Reformation to the present. Study of the teachings of Protestant and Catholic thinkers, Bodin, Hobbes, Locke, Rousseau, Hegel, Marx and the Marxians, Bentham, J. S. Mill, T. H. Green, democratic and other theories, and present-day political ideologies. *1 term – 3 semester hours. Normally offered in alternate years.*

**Government 3.5 — American Parties and Politics.** The development of the American party system; the organization of political parties; the political machine; bosses and the spoils system; pressure groups; the nomination of candidates; the conduct of campaigns in the elective process. *Prerequisite: Govt. 1.1 or instructor's consent. 1 term – 3 semester hours. Normally offered every year.*

**Government 3.6 — State and Local Government.** The development, structure, and functions of state governments with emphasis on the government of Massachusetts. Also the development, structure, and functions of local political subdivisions, including the mayor-council, council-manager, and commission forms of local government. In addition, inter-governmental relationship. *Prerequisite: One of the following: Govt. 1.1, Econ. 1.1, Soc. 1.1, or instructor's consent. 1 term – 3 semester hours. Normally offered every year.*

**Government 3.7 — African Politics.** The course begins with an examination of the political development of Africa during the colonial and post-colonial periods with emphasis on the post World War II era. Analysis of the evolution of governmental institutions will include an examination of economic, social, and personal factors, as well as the various political forces at work in present day Africa. *Prerequisite: Government 1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered in alternate years.*

**Government 3.8 — Politics of Developing Nations.** The emergence of new member nations in the United Nations Organization, as well as those now in the formative stages of



development, calls for an appraisal of the various existing political institutions. Special emphasis will be given to a comparison of communist, socialist, and democratic institutions along with the economic systems most suitable to the emerging nations. *Prerequisite: Govt. 1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered every year.*

**Government 3.9 — Politics of Latin America.** A study of Latin American political institutions and the major forces affecting their evolution. The course will focus on the role of the military, the clergy, labor groups, and outside economic and political interests in shaping governmental policies and institutions. *Prerequisite: Govt. 1.2 or instructor's consent. 1 term – 3 semester hours. Normally offered in alternate years.*

**Government 3.20 — Public Administration: Theory and Institutions.** The science and standards of public administration; formal organization of administrative units; types of organizations; problems of reorganization, decentralization, and integration; responsibilities in administration and the role of the individual; informal organization and group behavior. *1 term – 3 semester hours. Normally offered every year.*

**Government 3.21 — Public Administration: Problems and Application.** The environment of administration; relationships with the legislature, with special interests, and with the public; inter-level relationships, federal, state and local; formulation and co-ordination of program and policy and adaptation of organization to formulated aims. *1 term – 3 semester hours. Normally offered every year.*

**Government 3.22 — Administering Social Change.** This course will examine federal, state, and local programs to change the lives of Americans. The social philosophies, the planning and administration, and the impact of the programs will be analyzed through a series of case studies chosen from the areas of housing, education, poverty, welfare, and income maintenance. *Prerequisite: Govt. 1.1 or instructor's consent. 1 term – 3 semester hours. Normally offered in alternate years.*

**Government 3.61 — Urban Politics and Government.** This course examines the political processes and problems characteristic of big cities in the United States today. Students are encouraged to do individual and group research on specific urban political topics. *Prerequisite: Govt. 1.1 or instructor's consent. 1 term – 3 semester hours. Normally offered every year.*

**Government 3.62 — State and Municipal Law.** Analysis of the main institutions and processes of the state and municipal legal systems and their everyday interrelationships, including legal origins of state and municipal law-making authorities; relationships among federal, state, and local units; and administrative agencies. *1 term – 3 semester hours. Normally offered every year.*

**Government 3.91 — Politics of China and Japan.** Historical background, Marxist ideology and party organization, socio-economic problems and foreign relations of China. Historical and cultural background, European and American influence, present governmental forms, socioeconomic progress and problems, and foreign relations of Japan. *1 term – 3 semester hours. Normally offered in alternate years.*

**Government 4.0 — United Nations Seminar.** A seminar involving intensive study of the United Nations and its subsidiary bodies and their role in the area of international relations. In addition, extensive research will be required of each student on a particular African member-state of the U.N. Each member will also be expected to acquire a working knowledge of

the diplomatic processes, the parliamentary rules, and resolution writing normally followed by the United Nations and its subsidiaries. A seminar paper is required. *Prerequisites: Members of the seminar will be selected through competitive examination given by the instructor. Courses in the international relations area or African politics are desirable but not required. 1 term – 3 semester hours. Normally offered every spring.*

**Government 4.1 — Regulation and Administration.** The politics of the federal bureaucracy, internally and in its relations with the President, Congress, interest groups, state government, and the public. Current reform movements. Special attention is given to environmental regulation, consumer protection, and government science programs. *Prerequisite: Govt. 1.1. 1 term – 3 semester hours. Normally offered in alternate years.*

**Government 4.2 — Government Health Programs.** Governmental programs to help the health of the aged, the poor, and other groups; administration of such programs and relation to the medical profession; proposed types of National Health Insurance; and existing medical insurance laws of other countries. *1 term – 3 semester hours. Normally offered every year.*

**Government 4.4 — Practicum: Internship in Government.** Students will work 10-12 hours a week in the executive or legislative branch of state or local government, and attend a weekly class which will concentrate on analysis of the intern's experience and discussion of public policy problems. Students wishing to enroll should see the instructor during the previous semester for help with placement. Open to all juniors and seniors but priority given to government and economics majors. *Prerequisite: Consent of instructor. 1 term – 3 semester hours. Normally offered every year.*

**Government 4.5 — International Law and Organization.** The growth of international law and organization in the last two centuries; a study of the United Nations Organization; its Charter, activities, and politics; a review of the basic principles of international law applicable to settlement of disputes and problems in relation to human rights and to economics, social and humanitarian aspect; examination of the specialized agencies and of NATO and other regional organizations; and a consideration of the future potential of international organization. *1 term – 3 semester hours. Normally offered every year.*

**Government 4.6 — Public Opinion and Propaganda.** A study of forces contributing to the formation of public opinion. Linkage with decision-making in the political field. Mass media and other types of communications. Measurement of public opinion through polls. Opinion change. Techniques of persuasion. Nature and forms of propaganda. Efforts of parties, interest groups, and major nations to influence decisions of others through propaganda. *1 term – 3 semester hours. Normally offered in alternate years.*

**Government 4.7 — Government and Economics in the Soviet Union.** Marxian doctrine as interpreted by Lenin, Stalin, and others, its accuracy, and its influence on Soviet society. The Party, its organization, and its control of the government. The government structure and how it works; Soviet society. The Party, its organization, and its control of the government. The government structure and how it works; Soviet foreign policy. The Russian planned economy, its partial development away from Marxism, and its growth and the reasons therefor. *1 term – 3 semester hours. Normally offered in alternate years.*

**Government 4.8 — Government Policies and Business.** The role of the government in promoting, protecting, directing, and controlling business activities in the United States. Topics such as protective tariffs, patents, anti-trust laws, and other regulatory laws; promotion



of transportation; and fostering commerce and business abroad. *1 term – 3 semester hours. Normally offered every semester.*

**Government 4.9 — Current Problems and Great Issues.** A seminar type course dealing with controversial political, economic, social, racial, cultural issues and problems confronting the American people today. Members of the class are expected to present papers involving a serious effort. *1 term – 3 semester hours. Normally offered in alternate years.*

**Government 4.61 — Public Relations and Lobbying.** Description of methods and practices of interest groups trying to influence legislative and administrative decision-making; and, conversely, a study of methods and practices of public agencies trying to influence governmental policies, e.g., the military-industrial complex and other cases on the federal or state levels. *1 term – 3 semester hours. Normally offered every year.*

**Government 5 — Studies in Government.** Members of the Department will hold conference hours with students who are candidates for Honors, and will direct their reading in areas of governmental research which may be of special interest to them. *Prerequisite: Approval of Chairman of the Department.*

**Government 5H — Honors in Political Science.** A seminar limited to seniors and juniors of high scholastic achievement recommended by faculty. Majors in government are normally preferred but qualified students majoring in closely related social science fields may be admitted. Rigorous research and an accomplished scholarly paper are expected of each member. *1 term – 3 semester hours. Normally offered in alternate years.*

## HISTORY

Department of History — *Professor: Cavanagh (Chairman); Professors: Hartmann, Sarafian; Assistant Professor: Robbins; Lecturers: Fang, Levin, Nteta.*

The requirement for a major in the Department of History is satisfied on completion of 30 semester hours of course work in History, which must include History 1.1-1.2 or History 1.3-1.4 (or equivalents accepted by the Chairman). Twelve semester hours of electives related to the major must be chosen from a list prepared by the Department of History.

Transfer students who are candidates for the A.B. degree and are not History majors may offer in fulfillment of the History requirement American History taken at another college, but they are urged to elect History 1.1-1.2 or 1.3-1.4. Those transfers who have had *no* previous survey History are expected to elect one of these two course sequences.

Students may elect any single semester they wish of a continuing course, such as History 2.3-2.4, or 3.7-3.8, as long as degree requirements are fulfilled.

Some of the courses listed are offered every year, others in alternate years, and some only in every third year. By consulting with members of the

Department, students wishing to major in the field may ascertain what courses will be presented during their Sophomore, Junior, and Senior years. History majors are urged to acquaint themselves with this rotating procedure.

## History Courses

**History 1.1-1.2 — History of Western Civilization.** A survey of European history from the age of Charlemagne to the present. Introductory lectures provide a background in ancient and medieval topics for the major political, social, and economic aspects of subsequent European development. Emphasis will be placed on the more recent centuries. *2 terms – 6 semester hours. Offered yearly.*

**History 1.3-1.4 — History of World Civilization.** A survey examination of the inner characteristics and interrelationships of the major cultural groupings in the world community from the beginnings of civilization to modern times. Major attention will be given to Chinese, Indian, Mesopotamian, Egyptian, Greco-Roman, African, Native American, Judeo-Christian, and Islamic civilizations. This course is a general introduction to world history, and its primary focus is cultural. *2 terms – 6 semester hours. Offered in alternate years.*

**History 2.1-2.2 — The Ancient World.** A study of Mediterranean civilization from earliest times to the fall of the Roman Empire. The political, social and cultural development of Egypt, the Near East, Greece, the Hellenistic World, the Roman Republic and the Roman Empire. Students will read selections from the ancient authors. *2 terms – 6 semester hours. Offered every third year.*

**HISTORY 2.15-2.16 HISTORY OF BUSINESS IN THE WESTERN WORLD**

**History 2.3-2.4 — American History.** United States history surveyed from British colonialization to the present. Topics include: seventeenth and eighteenth century colonial life; the American Revolution; founding the federal government; westward expansion; the Age of Jackson; Civil War and Reconstruction; the era of industrialism; America's rise to world power; the two world wars and their legacy. *2 terms – 6 semester hours. Offered yearly.*

**History 2.5 — American Diplomatic History until 1900.** A comprehensive study of the foreign policy of the United States from the American Revolution until the end of the nineteenth century. Emphasis will be placed upon the diplomacy of the Revolution, the struggle to maintain neutrality in the War of 1812, the origin and development of the Monroe Doctrine, the Texas Question and the Mexican War, the diplomacy of the Civil War, post Civil War diplomatic problems, and the Spanish-American War. *1 term – 3 semester hours. Offered every third year.*

**History 2.51 — American Diplomatic History During the Twentieth Century.** An intensive study of American diplomatic policy and problems from the Spanish-American War until the present. Emphasis will be placed on such topics as: Dollar Diplomacy, drifting into World War I, the fight over the League of Nations, the quest for disarmament, the Good Neighbor Policy, reaction to the menace of imperialist Japan and the rise of Hitler, the quest for international security of the moment. *1 term – 3 semester hours. Offered every third year.*

**History 2.6 — American Colonial History.** The course emphasizes such topics as: the founding and settlement of the colonies; their social, economic, and political development; the British-French struggle for control of the North American continent; the Great Awakening; the background and causes of the American Revolution. *1 term – 3 semester hours. Offered in alternate years.*



**History 2.7-2.8 — British History.** A survey of the political, social, economic, and constitutional evolution of England, Scotland, and Wales from Celtic times to the present. Special emphasis is placed on the development of the English monarchy after 1066; Tudor and Stuart absolutism; the Civil War; the growth of the British economy and Empire; 19th-century industrialization and British world leadership; and the transition from aristocracy to democracy. 2 terms – 6 semester hours. Offered every third year.

**History 2.81 — History of the British Empire and Commonwealth.** The creation of the first British Empire (1607-1783) and its collapse in the American Revolution; the development of the second British Empire in the 19th century; the institution of dominion and Commonwealth status; and the ultimate dissolution of the Empire after 1945. Special attention is paid to the constituent territories of the Empire, their economic and military contributions to Britain, their political evolution under British rule, and their interrelationship within the Empire. 1 term – 3 semester hours. Offered every third year.

**History 2.9 — History of the Westward Movement.** This course deals with the physical occupation of America from the early sixteenth century to the disappearance of the frontier in the 1890's. Particular emphasis is placed on the economic and sociological factors involved in the nation's territorial growth. 1 term – 3 semester hours. Offered every third year.

**History 2.10 — History of American Immigration.** A history of American immigration from the colonial period to the present. Among topics covered will be: European and other backgrounds of immigrants; factors encouraging immigration; immigrant adaptation to America; native reactions to immigrants; contributions and achievements of ethnic groups; current conditions with respect to immigration. 1 term – 3 semester hours. Offered every third year.

**History 3.1-3.2 — Intellectual and Cultural History of Modern Europe.** A history of the educated classes of Europe, their sociology and their culture, from the Renaissance to the present. Major attention is given to the content and impact of the Scientific Revolution, the Enlightenment, the French Revolution, 19th-century Liberalism and Conservatism, Socialism, and 20th-century Irrationalism. A central concern throughout is the relationship between the ideas discussed and their political, social, and economic background. 2 terms – 6 semester hours. Offered every third year.

**History 3.21 — European Science and Society since the Renaissance.** An examination of the content and impact on society and culture of the ancient, scholastic, and alchemical forerunners of modern science, the Scientific Revolution of the 17th century, the Newtonian absolutism of the Enlightenment, Positivism, the Darwinian Revolution of the 19th century, and the New Science of the 20th century. 1 term – 3 semester hours. Offered every third year.

**HISTORY 3.25 WOMEN IN EUROPEAN HISTORY**

**HISTORY 3.26 WOMEN IN THE MODERN WORLD: THE HISTORY OF FEMINISM**

**History 3.3 — Cultural History of the Middle Ages.** An analysis of forces which created a new religious-oriented civilization in western and central Europe during medieval times. The contributions of that civilization at its height are examined. Topics treated include the origins of Christianity, the influence of Judaism, the evolution of Roman Catholicism, Byzantine and Moslem culture, the Carolingian Renaissance, monastic learning, scholasticism, and major developments in literature, architecture, and the other arts. 1 term – 3 semester hours. Offered every third year.

**History 3.4 — The Renaissance and the Reformation.** An analysis of an important transitional era in the life of western man. Political, economic, and social aspects are covered, with emphasis on the religious, cultural, and intellectual contributions of the period. Topics include the Italian

*taught Spring '76  
as Women in History, Europe  
and the Third World*

Renaissance, the Renaissance in the North, Humanism and Pietism, effects of the Age of Discovery, the Protestant Revolt, the Catholic Reformation, new religious sects. *1 term – 3 semester hours. Offered every third year.*

**History 3.5 — The Age of Kings and Philosophers.** From the end of the religious wars to the French Revolution, 1648-1789. The creation, elaboration, and spread of French absolutism; Europe in the age of Louis XIV; the French cultural and intellectual hegemony; the Dutch Republic; the rise of Prussia and Russia; the breakdown of European absolutism into the *ancien regime*; political, intellectual, and cultural aspects of the Enlightenment's attack on decaying absolutism. *1 term – 3 semester hours. Offered every third year.*

**History 3.6 — The French Revolution and Napoleon.** The course treats the French Revolutionary and Napoleonic periods in European history, primarily between 1789 and 1815. Emphasis is on the 18th-century *ancien regime*; the background and outbreak of revolution; 1789; the abolition of the monarchy; the First French Republic; the Reign of Terror; the European impact of the Revolution; the career of Napoleon Bonaparte; Napoleonic warfare; the rise, fall, and significance of the Empire. *1 term – 3 semester hours. Offered every third year.*

**History 3.7-3.8 — Europe since 1815.** The political, economic, and social development of the principal European states from 1815 to the present. Attention is given to the domestic and international impact of the major developments of this period, including revolutionary and conservative nationalism in the 19th century; the threat and promise of socialism; the imperialistic struggle, militarism, and the prelude to World War I; Bolshevism and Fascism; World War II; and the Cold War. *2 terms – 6 semester hours. Offered every third year.*

**History 3.10-3.11 — History of the Middle East.** The first semester deals with Ancient Middle East backgrounds. Christianity, Islam, Byzantium, and the Ottoman and Persian areas to 1828; emphasis the second semester is on Ottoman and Persian developments in the modernizing period; the Armenian Revolution; the Arab Awakening; the rise of constitutional movements; the Mandates; New States; the Israel Problem. *2 terms – 6 semester hours. Offered every third year.*

**History 3.81-3.82 — European Diplomatic History.** European diplomacy from its modern origins in Renaissance Italy to the present; major alliance systems, wars, and treaties from the Thirty Years War to NATO. Special attention is given to the chief factors considered in shaping the foreign policy of each major European power, and to the central causes of the rivalries between them in each of the diplomatic eras examined. *2 terms – 6 semester hours. Offered every third year.*

**History 3.85 — Ireland: From the Celts to the Present.** A brief account of Irish origins and medieval history (including the monastic "Golden Age") will be followed by a more detailed consideration of the 400 years of turmoil that followed the Tudor invasion of Ireland in 1534. The history of Anglo-Irish relations from that date to the present will be explored, with particular attention to the mutual effects on the political and cultural development of both nations. *1 term – 3 semester hours. Offered every third year.*

**History 3.86 — Nazi Germany.** An examination of the background and structure of a central phenomenon of our century: 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; Fascism as a major form of 20th-century mass politics. *1 term – 3 semester hours. Offered every third year.*



**History 3.87 — Italy: From the Caesars to Mussolini.** The fall of the Roman and Holy Roman Empires; the revival of the Roman imperial identity by Italian Renaissance classicists; the Risorgimento of the 19th century; unification by Cavour; the failure of Italian parliamentarianism; the turn to Mussolini and his fall. Political, social, and economic developments receive primary attention, along with the interrelations and characteristics of the various regions of Italy. *1 term – 3 semester hours. Offered every third year.*

**History 3.88 — Everyday Life: Studies in European Social History.** A topical examination of the way of life of the average citizenry (rather than the traditional emphasis placed on ruling elites) at various selected time periods in European history. Questions raised include: how did the citizen work, live, learn? what were his concerns, and what institutions affected him most? Four representative time periods will be focused upon as case studies for answers to these, and other, questions: the Roman Empire, the High Middle Ages, the Age of Louis XIV, and the late Nineteenth Century. *1 term – 3 semester hours. Offered every third year.*

**History 3.91 — The Far East.** The history and cultures of Eastern Asia; Diplomatic, political, social, and economic developments within China, Korea, and Japan during the past two centuries. *1 term – 3 semester hours. Offered every third year.*

**History 3.92 — India and Southeast Asia.** India and Southeast Asia before and under European imperial control; Liberation; Contemporary problems. *1 term – 3 semester hours. Offered every third year.*

**History 3.94 — History of Japan to 1800.** This course considers the evolution of Japan's political and social institutions and the development of Japan's distinctive cultural tradition from prehistoric times to the late Tokugawa period in the early nineteenth century. Illustrative materials will be widely used. *1 term – 3 semester hours. Offered in alternate years.*

**History 3.95 — History of Japan since 1800.** This course deals with Japan's "modern transformation," stressing events leading to Commodore Perry's opening of Japan to the West (1853), and the Meiji Restoration (1868) to the present. Japan's twentieth century place in the world, and her relations with the United States, will be emphasized. *1 term – 3 semester hours. Offered in alternate years.*

**History 3.96 — History of China to 1800.** Emphasis will be placed in this course upon the cultural, intellectual, and political history of China from prehistoric times to 1800. Chinese philosophy, literature, fine arts and folklore will be given in-depth consideration. The class will participate in several museum trips to view such exhibits as Chinese bronzes, and Buddhist art. *1 term – 3 semester hours. Offered in alternate years.*

**History 3.97 — History of China since 1800.** The material emphasized in this course includes topics related to China's "modern transformation" in the nineteenth and twentieth centuries, the background and rise of Chinese Communism and the development of the People's Republic of China, and Chinese-American relations to the present. *1 term – 3 semester hours. Offered in alternate years.*

**History 4.1-4.2 — Afro-American History.** After an introduction to pertinent social, economic and political aspects of West African life during the centuries of the colonial slave trade, and the development of slavery in the Americas, this course concentrates on the role of the Black man in American history. The first semester stresses slavery, and its impact upon both Blacks and Whites in North America, up to the U.S. Civil War. The second semester analyzes

**HISTORY 4.15 MODERN SOUTH AFRICA**

the Black man's struggle for freedom after the end of institutionalized slavery, to the present time. 2 terms – 6 semester hours. Offered in alternate years.

**History 4.3-4.4 — History of Russia.** Rise of the Russian state and people; social and political developments through the reign of Nicholas I, to 1855. The second semester deals with Russia's efforts to modernize, the emancipation of the serfs; the Russian twentieth century Soviet Union. 2 terms – 6 semester hours. Offered in alternate years.

**History 4.5-4.6 — Eastern Europe.** Byzantine and Ottoman influences; Role of Poland-Lithuania; Hungarian-Bulgarian-South Slavic History. The second semester covers the nationalistic period since 1800. 2 terms – 6 semester hours. Offered every third year.

**History 4.7-4.8 — American Social and Cultural History.** A study of the development of American society and culture from the settlement of the colonies until the twentieth century. Stress is placed on the life of the people during the various eras, and the growth of American intellectual thought in all areas of activity. 2 terms – 6 semester hours. Offered every third year.

**History 4.85 — The Young Nation: U.S. History, 1789-1850.** An examination of America's early years as a federal union, from unity leader George Washington to mid-nineteenth century disunity and sectional strife. Foreign as well as domestic affairs are emphasized. Topics include Hamilton's economic-political influence, Jeffersonian democracy, the War of 1812, Marshall and the Court, nationalism and westward expansion, the Age of Jackson, sectionalism and slavery, the Mexican War, and major cultural, social and intellectual influences. 1 term – 3 semester hours. Offered in alternate years.

**History 4.86 — The Gilded Age: U.S. History, 1877-1914.** An analytic study of the major political, economic and social forces in Victorian America, from Reconstruction to World War I. Topics include Congressional domination of government, industrialization with its attendant problems, American imperialism and the Spanish-American War, the Populist revolt, reform in the Progressive era, and cultural, intellectual and social trends. 1 term – 3 semester hours. Offered in alternate years.

**History 4.87 — Military History of the Modern World.** A study of the history of warfare in Western society from the Renaissance to the present. Emphasis is placed on the relationship of military operations — the organization and use of armies, concepts of strategy and tactics, weapons development and use — to the total social, economic and technological environment of society. In-depth examinations of the American Revolutionary War, Napoleonic warfare, the American Civil War, World War I, the rise of Nazi Germany and World War II, and conflict in the Nuclear Age. 1 term – 3 semester hours. Offered in alternate years.

**History 4.91 — The United States in the Twentieth Century.** An intensive course covering America's emergence as a world power; economic and social reforms before World War I, our involvement in that war, and the many consequences; prosperity in the 1920's, and the depression of the 1930's; the New Deal and our part in World War II; the course ends with major developments since 1945. 1 term – 3 semester hours. Offered yearly.

**History 4.92 — The Era of the American Revolution, 1763-1789.** This course provides an in-depth 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. 1 term – 3 semester hours. Offered in alternate years.



**History 4.93 — The American Civil War and Reconstruction.** After an initial examination of the ante-bellum reform and expansion movements, especially as they affected the burning issue of slavery, the course analyzes the deepening sectional crisis of the 1850's, the violent Civil War which followed, and the Reconstruction of the South to 1877. *1 term – 3 semester hours. Offered in alternate years.*

**History 4.94 — American Urban History: From the Nineteenth Century to the Present.** This course describes and analyzes the people who settled in American cities in growing numbers during the nineteenth and twentieth centuries. Themes will include population growth and migration; ethnic and racial urban problems; living conditions in the city; family life in an urban environment; and social mobility in urban, industrial society. *1 term – 3 semester hours. Offered every third year.*

**History 4.95 — The History of the Family in American and European Society.** This course analyzes the size, composition, and function of the family as an on-going institution of society, both in the United States and in Europe. A comparative perspective will be employed in examining the family in both societies. Topics will include: family life in pre-modern, and modern society; historical developments in the psychology of family members; and the social implications of family and population history. *1 term – 3 semester hours. Offered every third year.*

**History 4.96 — Women in American History.** This course examines the position and influence of women in the United States from the colonial period to the present. It explores the images of women and the reality of women's lives in the areas of work, politics, education, sexuality, and the family. *1 term – 3 semester hours. Offered in alternate years.*

**History 4.97 — Revolutions: Theories and Practice.** A selective study of the history of revolutions and their nature from ancient times to the present. Topics included are: Marxism and other revolutionary theories; the revolt of Spartacus, and other slave revolutions; the American and French Revolutions in the eighteenth century; the Latin American, and "national" revolutions of the nineteenth century; the Russian and Chinese Revolutions of the twentieth century. *1 term – 3 semester hours. Offered every third year.*

~~History 4.98 — Women in European History.~~

**History 4.99 — Historiography Seminar.** An examination of the various schools and philosophies of history writing from the 18th century to the present; of the various approaches (political, economic, social, intellectual) to writing history; and of the various sources and analytical skills which each requires. A limited-enrollment seminar format will provide excellent opportunities for discussion, which is conducted by the team-teaching efforts of selected History Department personnel. *1 term – 3 semester hours. Offered every third year.*

**History 5 — Studies in History.** By special arrangement, members of the department will schedule seminars, or individual discussion sessions, with students interested in directed reading and research. Open to Honors candidates, or students with the permission of the instructor. *1 term – 3 semester hours. Offered yearly, on demand.*

## HUMANITIES

Department of Humanities — *Professor: Petherick (Chairman); Assistant Professor: Parks; Lecturers: Deninger, Kelton, Reiche, Robb.*

This interdepartmental major is designed to meet the needs of the individual

student; therefore each program is planned by consultation with the chairman of the department.

The requirement for a major is satisfied on completion of 14 courses (42 semester hours) of course work in Humanities and related subjects. Humanities 3.3 and 3.4 are required. Course selections must be approved by the Chairman of the Department. Through the cooperation of the Education, Journalism, and Business Administration Departments a minor in those subjects is available.

## Humanities Courses

**Humanities 1.1-1.2 — Introduction to the Humanities.** The course deals with the development of western ideas as observed in literature and the arts. Students should gain an appreciation of the accomplishments of the great thinkers and artists of the past and be able to compare them with those of modern man. *2 terms – 6 semester hours.*

**Humanities 1.3 — Art and Civilization of the Western World.** The development of great works of the visual arts will be traced from earliest times to the present. Attention will be given to the way in which they are related to the times in which they were produced and the great variety of ways in which people have used their art. Primarily for freshmen. *1 term – 3 semester hours.*

**Humanities 1.4 — Music of the Masters.** The lives, music and times of Bach, Mozart, Beethoven, Schubert, Tchaikovsky and other great composers. An introductory course designed to enhance musical pleasure and knowledge through reading and listening. Primarily for freshmen. *1 term – 3 semester hours.*

**Humanities 2.1-2.2 — History of Visual Arts in the West.** A survey of the visual arts from prehistoric times to the present. Painting, sculpture, architecture, and the minor arts are examined in relationship to their time and place in history. *Not open to Freshmen. 2 terms – 6 semester hours.*

**Humanities 2.3-2.4 — Humanities in Contemporary Life.** Students will read and discuss standard works on various ideas that are important in today's life. Subjects such as the individual and the establishment, anti-intellectualism, work, utopia, the people, will be included. *No prerequisite. Not open to Freshmen. 2 terms – 6 semester hours.*

**Humanities 2.5 — Around Boston.** A study will be made of the relationship between the art, particularly the architecture, and the civilization of Boston and vicinity from the earliest settlements to the present. There will be walking tours in Boston and trips to nearby points. *Prerequisite: Instructor's consent. Special fee of \$15 in addition to tuition. 1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.6 — Music Around Boston.** Introduction to music through attendance at representative concerts of salon, chamber and ensemble music. Study beforehand of the basic materials of music, the works to be performed, their composers and the periods in which they lived. Also discussion of the concerts and evaluation of the performances afterwards. *No prerequisite. Not open to Freshmen. Special fee of \$15 in addition to tuition. 1 term – 3 semester hours. Normally offered in alternate years.*



**Humanities 2.7-2.8 — History of Music.** A survey of music from the middle ages to the present. A study will be made of the principal composers as they represent the styles of the periods and countries in which they live. *No prerequisite. Not open to Freshmen. 2 terms – 6 semester hours. Normally offered in alternate years.*

**Humanities 2.9-2.10 — Drawing.** Introduction to the basic principles of drawing. A study of perspective, proportion, light, shade, and three-dimensional form. Problems will be worked out in charcoal, pencil, or pen. *No prerequisite. Not open to Freshmen. 2 terms – 6 semester hours.*

**Humanities 2.11-2.12 — Introduction to the Visual Arts.** This course is an introductory course to the visual arts for those students who have had little or no experience in Art. The student will be instructed in the various techniques and media used by an artist. He will execute several basic studio problems in order to help him to appreciate what the artist confronts in his creation. *No prerequisite. Not open to Freshmen. 2 terms – 6 semester hours.*

**Humanities 2.13-2.14 — Art and Civilization of England.** In this course, the architecture, painting, sculpture, and some of the minor arts, from the earliest times to the present, will be considered. Particular attention will be given to the way in which the art expresses the spirit of the times. *No prerequisite. Not open to Freshmen. 2 terms – 6 semester hours. Normally offered in alternate years.*

**Humanities 2.15-2.16 — Painting.** Introduction to the study of the use of oils, acrylics and mixed media. Problems will be assigned which will involve the basic painting techniques. Creative work will be encouraged. *No prerequisite. Not open to Freshmen. 2 terms – 6 semester hours.*

**Humanities 2.17-2.18 — Photography as an Art.** A course designed to improve ability to create more effective photographs. The student will study the techniques involved in making the photographs and also develop critical ability in evaluating the quality of the pictures produced. Students will supply their own equipment. *No prerequisite. Not open to Freshmen. 2 terms – 6 semester hours. Normally offered in alternate years.*

**Humanities 2.19-2.20 — Religion in the United States.** Various religious attitudes in the United States today will be discussed. Students will be encouraged to compare and evaluate religious experiences in order to better understand the religious background and its relation to other factors in the current civilization. *No prerequisite. Not open to Freshmen. 2 terms – 6 semester hours. Normally offered in alternate years.*

**Humanities 2.21-2.22 — Painting in America.** This course will deal with painting which has been produced in America from earliest settlements to the present. *No prerequisite. Not open to Freshmen. 1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.23 — The Symphony.** A study of the symphony in the Classical, Romantic and Contemporary periods. Masterpieces from the time of Haydn to the time of Stravinski, selected for listening and discussing in relation to the composers' lives and times. *No prerequisite. Not open to Freshmen. 1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.24 — American Music.** American music from colonial times to the present. Various attempts to create an individual "American" style. Diversity of influences such as: European, American Negro, religious, Indian, Spanish-American, jazz, folk song, minstrel. Music of famous American composers, including religious music, concert music and music for the theater. *No prerequisite. Not open to Freshmen. 1 term – 3 semester hours.*

**Humanities 2.27 — Basic Graphics.** This is a studio course, with instruction in the execution of hand prints (linoleum and cardboard). There will also be an introduction to the silk-screen process. *No prerequisite. Not open to Freshmen. 1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.28 — Music in the Romantic Period.** Music of the nineteenth century. Romantic expression through the lied, symphonic poem, character piece, programmaticism, virtuosity and cyclical treatment. Music of Schubert, Mendelssohn, Schumann, Chopin, Berlioz, Liszt, Wagner, Brahms and Bruckner. *No prerequisite. Not open to Freshmen. 1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.29 — Architecture and Civilization of the Middle Ages.** This course examines the buildings of the Middle Ages not only for their architectural significance, but also in terms of their socio-political context. An attempt is made to show how buildings derived from and functioned in their historical milieu. *No prerequisite. Not open to Freshmen. 1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.30 — Contemporary Religious Experience.** Exploration of the major ways of being religious in a world perspective. The course includes a study of mysticism, political activism, ritual and natural law as examples of ways of being religious. *No prerequisite. Not open to Freshmen. 1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.31 — Art and Civilization of the Renaissance.** Through the media of slide-lectures and readings, the visual arts of the early and high renaissance in Italy and the northern countries will be studied, not only as works of art, but also as they relate to the times. *No prerequisite. Not open to Freshmen. 1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.33 — Modern Art.** This course will cover the revolt against the Academy, the establishing of the Salon des Refusés and the Salon des Indépendants. It will include the work of the Impressionists and the roots of the artistic movements of the twentieth century. Illustrated lectures. *1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 2.34 — Modern Art.** This course will cover the various movements in art of the twentieth century, from cubism to the many styles of today. Emphasis will be placed not only on the art itself but also upon the ideas and events of the times as they are related to the visual arts. Illustrated lectures. *1 term – 3 semester hours. Normally offered in alternate years.*

**Humanities 3.3-3.4 — Seminar in Humanities.** Each student in this course will complete two research projects each semester. He will make reports of the projects to the group; his presentation will be discussed and commented upon by the other members. The subject matter is chosen from the ideas that constitute the cultural complex of the western world. *Prerequisite: Humanities 1.1-1.2 or Instructor's permission. 2 terms – 6 semester hours.*

**Humanities 5 — Independent Study.**

## JOURNALISM

Department of Journalism — *Associate Professor:* Barach (Chairman); *Assistant Professors:* Bray, Ruehlmann; *Lecturers:* Cornell, Homer, MacDonald, McLean, Ockenga, Ross, Sadow.



The requirement for a major in the Department of Journalism is satisfied on completion of 30 hours of course work plus 12 semester hours in related electives in applicable tracks. Required core courses for the major are: Introduction to Journalism, News Writing, Reporting I and II, Copy Editing, Feature and Special Articles, History of Journalism and Law of Communications.

By affiliation with Emerson College, courses in Mass Communications and Film Production are available to Suffolk Journalism majors. Students should consult the Emerson College catalogue for a complete list of courses.

### **Bachelor of Science in Journalism**

A student will normally be recommended for the degree of Bachelor of Science in Journalism upon completion of 122 semester hours of course work in accordance with one of the plans for a major outlined below.

The major in Journalism consists of 30 semester hours plus 12 semester hours of related electives in applicable tracks. Twenty-four semester hours of required core courses are included within the major.

The curriculum is designed to provide both a broad Liberal Arts education and practical training for students seeking careers in Journalism, Bilingual (Spanish) Communication, Mass Communication, Public Relations, Film Communication, Marketing Communication, Science Communication and Technical Communication. (The Department of Journalism also offers, in conjunction with the English and Education Departments, a specially created program designed to develop teachers of Journalism and English in the secondary school system.) To achieve these goals, the Department of Journalism supplements its professionally oriented courses by drawing on the resources of the Colleges of Liberal Arts and Sciences, Business Administration and, by affiliation, Emerson College. In addition, students obtain practical experience through class assignments involving on-the-scene reporting, use of a United Press International facility, and through participation in relevant activities such as the *Suffolk Journal* (student newspaper), the *Suffolk Evening Press* (student newspaper), WSUB-TV (closed-circuit television operation), *Venture* (literary magazine), *The Beacon* (yearbook), the Suffolk University Journalism Society, Phi Alpha Tau (communications fraternity), and the Society of Professional Journalists, Sigma Delta Chi.

The College of Business Administration makes available courses in Accounting, Management, Marketing, Finance and Banking, and Business Administration to students interested in preparing for careers in the emerging field of Marketing Communication.

*Transfer students.* In addition to receiving advanced standing for equivalent courses taken at other colleges, transfer students are allowed to substitute approved courses taken at a previous college for English 2.3-2.4, History 1.1-1.2, Science 1.1-1.2, and Science 1.3-1.4. *If a substitute course replaces a required course, it may not be used to meet any other requirement.*

### Suffolk University-Emerson College Cross-Registrations

Since 1968, Suffolk University and Emerson College have established an affiliated Cross-Registration Program which makes available to students of both institutions a greater variety of courses than would otherwise be possible. It is the student's responsibility to cross-register during the specified registration periods at Suffolk University and at Emerson College. Through this affiliation with Emerson College, students may take courses toward one of the following concentrations: Communication Disorders; Mass Communications; Film; Business and Industrial Communication; Dramatic Arts; Theatre Education; Oral Interpretation, and Speech Education.

Suffolk students who are majoring in one of the speech or journalism areas may cross-register for courses at Emerson College as part of their normal course load. Students may cross-register in most courses except those that are offered at the parent college providing they have completed the normal prerequisites.

To cross-register, Suffolk students obtain a Cross-Registration Form from the Chairperson of the Department of Communications and Speech or Department of Journalism. Students are encouraged to consult in advance both with their Suffolk departmental advisor and an appropriate departmental faculty advisor at Emerson.

### Degree Requirements

The degree of Bachelor of Science in Journalism requires the completion of 122 semester hours of credit in courses listed in the prescribed curriculum.

### Bachelor of Science in Journalism

#### Four Year Sequence

Freshmen	Sem. Hrs.	Sophomore	Sem. Hrs.
English 1.1-1.2 (Freshman English)	6	English Option .....	6
History Option .....	6	Communications Option .....	6
Humanities Option .....	6	Science Option .....	8
Social Science Option .....	6	Major Core Course .....	6
Major Core Course .....	6	One Related Elective .....	6
	30		32



Junior	Sem. Hrs.	Senior	Sem. Hrs.
History-Government Option .....	6	Major Core Course .....	6
Major Core Course .....	6	Major Journalism Course .....	6
One Related Elective .....	6	Free Electives .....	18
Free Electives .....	12		
	30		30

**Humanities Option** — To be selected from 2 semester sequences in: Humanities, Literature, Philosophy (except Logic), Speech: Oral Interpretation of Literature (6 semester hours).

**Social Science Option** — To be selected from 2 semester sequences in Economics, Government, Psychology 1.1 and an advanced psychology course, Sociology 1.1 and an advanced sociology course, Education 2.1-2.2 (6 semester hours).

**English Option** — 2 semester sequences in English, preferably English 2.3-2.4 (6 semester hours).

**Communications Option** — To be selected from 2 semester sequences in: Linguistics, Modern Languages, Speech, Logic, Computer Science (6 semester hours).

**History Option** — To be selected preferably from 2 semester sequences in History.

**History-Government Option** — To be selected preferably from 2 semester sequences in History or Government (6 semester hours).

**Science Option** — One year of laboratory science (8 semester hours) to be selected from the following:

- 1. *Biological Science* – Biology 1.3-1.4 (formerly Science 1.3-1.4 — The Living World & Man) or Biology 1.1-1.2, with permission of the Biology Department.
- 1. *Physical Science* – Science 1.1-1.2, Physical Science; Physics 1.1-1.2, with permission of the Physics Department; Chemistry 1.3-1.4 (Chemistry of the Environment); Chemistry 1.1-1.2, with permission of the Chemistry Department.

**Major Requirements**

The Journalism major will consist of 30 semester hours of course credit plus an additional 12 semester hours of related electives in applicable tracks. Twenty-four semester hours in required core courses are included within

the major. The related electives are to be chosen with the approval of the major advisor from a list of courses recommended by the Department of Journalism.

*All students majoring in Journalism must have their course selections approved each term by an advisor from the Department of Journalism. Failure to comply with this regulation may result in loss of credit toward graduation.*

### Major Core Courses

Journ. 2.1 Introduction to Journalism	Journ. 2.2 News Writing
Journ. 2.3 Law of Communications	Journ. 3.3 History of Journalism
Journ. 3.1 Reporting I	Journ. 4.3 Reporting II
Journ. 3.5 Copy Editing	Journ. 4.1 Feature and Special Articles

**Areas of Concentration** — The new curriculum provides eight Tracks or Areas of Concentration within the Journalism Major. To insure the completion of required courses within four years, students should select a specific Track by the start of their sophomore year.

*Track A: Journalism and English.* This program is intended for students whose main interest is in newspaper, magazine, and related writing.

Sem. Hrs.	Sem. Hrs.
Major Core Courses . . . . . 24	English Electives . . . . . 18
Journalism Electives . . . . . 6	(Twelve of these 18 credits
<hr/>	should be selected from the
30	English groupings on p. 93.
	Advanced English courses must
	be approved by advisor from
	Department of English.) <hr/>
	18

(History-Government Option — 3 semester hours)

*Track B: Journalism and Bilingual (Spanish) Communication.* This program is specially designed for students interested in careers in bilingual journalism. (A comparable program in French is available.)

Sem. Hrs.	Sem. Hrs.
Major Core Courses . . . . . 24	Spanish . . . . . 18
Journ. 4.2 Semantics of Journalism 3	Span. 2.3-2.4 Functional Spanish
Journ. 4.9 Minority Press in America 3	Span. 2.7-2.8 Hispanic Culture
<hr/>	Span. 4.6 Caribbean Cultures
30	Span. 5 Directed studies in the
	Spanish press in the Americas.
	See Dept. of Modern Languages. <hr/>
	18



(Students may use Spanish 1.3-1.4 (Elementary Practical Spanish) to fulfill Communications Option. Students who enter the program with advanced language standing may have Communications Option waived and additional Journalism or Spanish electives substituted. Journalism courses could include Journ. 3.4 Press and Society and Journ. 4.8 Propaganda and the Mass Media.)

*Track C: Journalism and Mass Communication.* (In conjunction with Emerson College.) This program is intended for students whose interests lie in the areas of Journalism and Radio and Television Communications.

Sem. Hrs.	Sem. Hrs.
Major Core Courses . . . . . 24	Related Electives . . . . . 12
Journ. 4.5 Broadcast Journalism — Radio . . . . . 3	Journ. 2.9 Photojournalism
Journ. 4.6 Broadcast Journalism — Television . . . . . 3	Journ. 3.4 Press and Society
_____	Journ. 3.8 Copywriting
30	Journ. 4.2 Semantics of Journalism
	Journ. 4.4 Critical Writing for the Media
	Journ. 4.7 Documentary Writing
	Journ. 4.8 Propaganda and the Mass Media
	Journ. 4.9 Minority Press in America and other courses in mass communications and film
	_____
	12

*Track D: Journalism and Public Relations.* This program is intended to prepare students who wish to combine work in Journalism and Public Relations.

Sem. Hrs.	Sem. Hrs.
Major Core Courses . . . . . 24	Related Electives . . . . . 12
Journ. 2.5 Introduction to Public Relations . . . . . 3	Mkt. 3.2 Principles of Advertising
Mkt. 2.1 Principles of Marketing . . . 3	Journ. 2.9 Photojournalism
_____	Journ. 3.0 Financial Journalism
30	Journ. 3.4 Press and Society
	Journ. 3.6 Magazine Editing and Typography
	Journ. 3.8 Copywriting
	Journ. 4.2 Semantics of Journalism
	Journ. 4.8 Propaganda and the Mass Media
	Journ. 4.9 Minority Press in America, and other courses in mass communications and film
	_____
	12

*Track F: Journalism and Film Communication.* (In conjunction with Emerson College.) This program is intended for students whose interests lie in the areas of Journalism and Film Communication.

Sem. Hrs.	Sem. Hrs.
Major Core Courses ..... 24	Related Electives ..... 12
Journ. 2.8 Film as Communicator . . 3	MC 207 Film Basics
Journ. 4.7 Documentary Writing .. 3	Journ. 2.9 Photojournalism
_____ 30	Journ. 3.4 Press and Society
	Journ. 3.7 Film History
	Journ. 4.2 Semantics of Journalism
	Journ. 4.4 Critical Writing for the Media
	Journ. 4.6 Broadcast Journalism — Television
	Journ. 4.8 Propaganda and the Mass Media, and other courses in mass communications and film
	_____ 12

*Track G: Journalism and Marketing Communication.* This program is intended for students who wish to work in business and industry in areas such as advertising, sales and market research, and editing trade journals and house organs. The College of Business Administration provides courses in Marketing, Management, Accounting, Finance and Banking, and Business Administration.

Sem. Hrs.	Sem. Hrs.
Major Core Courses ..... 24	Related Electives ..... 12
Mkt. 2.1 Principles of Marketing .. 3	Mgmt. 2.1 Principles of Management
Mkt. 3.2 Principles of Advertising . 3	Journ. 2.9 Photojournalism
_____ 30	Journ. 3.0 Financial Journalism
	Journ. 3.4 Press and Society
	Journ. 3.8 Copywriting
	Mkt. 3.8 Consumer Behavior
	Journ. 3.9 Introduction to Technical Communication
	Journ. 4.2 Semantics of Journalism
	Mkt. 4.4 Marketing Research
	Journ. 4.8 Propaganda and the Mass Media, and other courses in mass communications and film.
	_____ 12



*Track S: Journalism and Science Communication.* This program is intended for students who have a strong scientific interest and seek careers as journalists covering the science field.

	Sem. Hrs.		Sem. Hrs.
Major Core Courses . . . . .	24	Science Electives . . . . .	12
Journ. 2.6 Introduction to Science Communication . . . . .	3	(In addition to Science Option of 8 credits) Students should select sequences in Biology, Chemistry or Physics. Selections cannot duplicate Science Option.	
Journ. 3.2 Science Communication in Modern Society . . . . .	3		
	<hr/> 30		<hr/> 12

*Track T: Journalism and Technical Communication.* This program is intended for students who wish to pursue a career in technical communication.

	Sem. Hrs.		Sem. Hrs.
Major Core Courses . . . . .	24	Related Electives . . . . .	12
Journ. 3.9 Introduction to Technical Communication . . . . .	3	Journ. 2.6 Introduction to Science Communication	
Journ. 4.0 Technical Communication: Principles and Procedures . . . . .	3	Journ. 3.0 Financial Journalism	
	<hr/> 30	Journ. 3.2 Science Communication in Modern Society	
		Journ. 2.9 Photojournalism	
		Journ. 3.4 Press and Society	
		Journ. 3.8 Copywriting	
		Journ. 4.2 Semantics of Journalism	
		Journ. 4.4 Critical Writing for the Media	
		Journ. 4.7 Documentary Writing	
		Journ. 4.8 Propaganda and the Mass Media	
		Journ. 4.9 Minority Press in America	
		Mkt. 2.1 Principles of Marketing	
		Mkt. 3.3 Industrial Marketing	
		And other courses in mass communications and film.	
			<hr/> 12

## English-Journalism and Secondary Education

(Interdepartmental Program — 122 Semester Hours)

Freshman	Sem. Hrs.	Sophomore	Sem. Hrs.
English 1.1-1.2 .....	6	English 2.3-2.4 .....	6
History 1.1-1.2 or 1.3-1.4 .....	6	First Year Foreign Language .....	6
Humanities Option .....	6	English Electives .....	6
Social Studies Option .....	6	Science Option .....	8
Journalism 2.1-2.2 .....	6	Journalism 2.3 .....	3
		Journalism 3.3 .....	3
	<hr/> 30		<hr/> 32
 Junior	 Sem. Hrs.	 Senior	 Sem. Hrs.
Journalism Elective .....	3	Journalism 3.5 .....	3
Second Year Foreign Language ...	6	English Elective .....	3
English Electives .....	15	Education 4.31-4.32 .....	6
Education 2.3 .....	3	Education 3.2 .....	3
Education 4.9 .....	3	Education 4.21 .....	9
		Speech 1.2 .....	3
		Elective .....	3
	<hr/> 30		<hr/> 30

### Journalism Courses

**Journalism 2.1 — Introduction to Journalism.** A survey of the journalistic field designed to acquaint the student with what the profession of journalism has to offer. It gives a survey of the newspaper, magazine and electronic media in contemporary American society and examines the social obligations of journalism and its operation as a business unit. With newspaper journalism as a foundation, basic journalism copy will be discussed, written and analyzed. *1 term — 3 semester hours. Normally offered yearly.*

**Journalism 2.2 — News Writing.** A study of news, news values and news sources, the lead, style and structure of news stories. Practice in writing basic news copy and elementary field experience in the coverage of a news story. *1 term — 3 semester hours. Normally offered yearly.*

**Journalism 2.3 — Law of Communications.** An examination of the basic rules and principles of law governing the journalist in a democratic society. The course will cover such areas as libel, slander, invasion of privacy and the right to know. *1 term — 3 semester hours. Normally offered yearly.*

**Journalism 2.5 — Introduction to Public Relations.** The basic principles and techniques of public relations are examined. *1 term — 3 semester hours. Normally offered yearly.*

**Journalism 2.6 — Introduction to Science Communication.** A basic examination of the theories and techniques of writing and editing scientific articles for the news media. The relationship of the journalist to the scientific community also is studied. *1 term — 3 semester hours. Normally offered in alternate years.*

**Journalism 2.7 — Secondary School Journalism.** An examination of the principles and



techniques involved in advising secondary school publications, particularly the newspaper. Journalism teaching also is stressed. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 2.8 — Film as Communicator.** A study of film form, structure and theory. *1 term – 3 semester hours.*

**Journalism 2.9 — Photojournalism.** An examination of the role of photography in the journalistic process. A discussion of photography as communicator and a survey of the history of photography. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 3.0 — Financial Journalism.** A study of the basic aspects of financial reporting and writing. *1 term – 3 semester hours. Normally given in alternate years.*

**Journalism 3.1 — Reporting I.** Continuation of News Writing with further practice in gathering and writing various types of news stories. Also an introduction to and analysis of "alternative" and "new" journalism. *1 term – 3 semester hours. Normally offered yearly.*

**Journalism 3.2 — Science Communication in Modern Society.** A more advanced examination of writing and editing scientific material for the media. Particular problems and challenges of the communicator of sciences also are explored. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 3.3 — History of Journalism.** A survey exploring the evolution of the press in the United States. Emphasis will be placed on the newspaper and magazine. *1 term – 3 semester hours. Normally offered yearly.*

**Journalism 3.4 — Press and Society.** A study of the complex and controversial issues involving the news media, the government, and the public. *1 term – 3 semester hours. Normally offered yearly.*

**Journalism 3.5 — Copy Editing.** A study of the fundamentals of copy editing, newspaper typography and makeup, with training in the principles and practice of all three. *1 term – 3 semester hours. Normally offered yearly.*

**Journalism 3.6 — Magazine Editing and Typography.** Students are trained in the principles and techniques of magazine copy editing and typography. Treated are popular and specialized publications. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 3.7 — Film History.** An examination of the development of film as a major medium of communication. Stress on the evolution of the cinema in the United States. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 3.8 — Copywriting.** A study of the principles and techniques of writing advertisements. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 3.9 — Introduction to Technical Communication.** An overview of the methods and media used in communicating scientific, medical and industrial information. Emphasis on the tools and journalistic techniques of the professional writer/communicator, including technical illustration, videotape and still photography. Written assignments do not require a technical background and are supplemented with laboratory instruction in design and page makeup. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 4.0 — Technical Communication: Principles and Procedures.** A study of the more advanced principles and techniques of technical writing and editing. Students develop, write and edit technical documents for users of apparatus and equipment. *Prerequisite: Journalism 3.9 or instructor's permission. 1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 4.1 — Feature and Special Articles.** Writing and submitting for publication articles for newspapers, magazines and syndicates. *1 term – 3 semester hours. Normally offered yearly.*

**Journalism 4.2 — Semantics of Journalism.** The use of language in the mass media is studied in an effort to develop word sensitivity and meaning. "New" and "traditional" journalistic styles of writing also are examined. *1 term – 3 semester hours. Normally offered yearly.*

**Journalism 4.3 — Reporting II.** Experience in the more difficult reporting and writing assignments, with emphasis on the composite and running or fast-breaking story. Also discussions of and practice in writing investigatory stories against which there is active competition requiring private investigation and verification. *1 term – 3 semester hours. Normally offered yearly.*

**Journalism 4.4 — Critical Writing for the Media.** An examination of the theories and techniques of critical writing for the media. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 4.41 — Great Works in Journalism.** A study of the language and techniques of noted reporters writing in English from earlier eras until the present. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 4.5 — Broadcast Journalism-Radio.** The study and practice of gathering, writing and editing news for radio. *1 term – 3 semester hours. Normally offered yearly.*

**Journalism 4.6 — Broadcast Journalism-Television.** The study and practice of gathering, writing and editing news for television. *Instructor's consent required. Normally offered yearly.*

**Journalism 4.7 — Documentary Writing.** The theories and techniques of writing and developing the film documentary. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 4.8 — Propaganda and the Mass Media.** A study of the theories and techniques of persuasion in relationship to the complex structure and function of the mass media. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 4.9 — Minority Press in America.** A study of the role and impact of minority group publications in the United States. *1 term – 3 semester hours. Normally offered in alternate years.*

**Journalism 5 — Advanced Studies in Journalism.** Academically qualified students in their senior year may elect to do independent research in a specialized area of journalism. *Advisor's permission is required. 1 term – 3 semester hours. Normally offered annually.*

**Journalism 5.1 — Internship in Journalism.** Qualified students in their junior or senior year may choose to obtain relevant journalism experience via an internship. *Advisor's permission is required. 1 term – 3 semester hours. Normally offered annually.*

**Journalism 5.2-5.3 — Seminar in Television News and Public Affairs.**



Linguistics

**Linguistics 2.9 — Elements of General Linguistics.** The basic materials, structural order, history and functions of human language, including an introduction to the techniques of scientific description of languages; elements of phonetics, phonemics, semantics. Animal languages. *No prerequisite. 3 semester hours. Offered in alternate years by the Dept. of Modern Languages.*

**Linguistics 2.10 — Structural Linguistics.** A survey of notable linguistic theories, with particular emphasis on modern generative and transformational grammars. Language acquisition patterns in children, a presentation of the alternative theories. Linguistic universals. *No prerequisite. 3 semester hours. Offered in alternate years by the Dept. of Modern Languages.*

**Linguistics 2.11 — Language and Culture.** Language and human cultural behavior: a study of selected theories of language, and their applications in cultural anthropology, art, political structures and economic systems. *No prerequisite. 3 semester hours. Offered in alternate years by the Dept. of Modern Languages.*

**Linguistics 2.12— Linguistics Variations in Space and Time.** Language families of the world, genetic and typological relationships, principles of sound-change through time. Dialects and regional variations. Projections toward future world languages. *No prerequisite. 3 semester hours. Offered in alternate years by the Dept. of Modern Languages.*

MATHEMATICS

Department of Mathematics — *Associate Professors:* Buckingham (Chairman), Cohn, Ezust, Myrvaagnes; *Assistant Professor:* Hajj; *Lecturer:* Martuccelli.

The requirements for a major in the Department of Mathematics may be met by successfully completing thirty semester hours of courses in mathematics, normally including Mathematics 2.1-2.2, 2.3-2.4, 4.1-4.2 and 4.41-4.42 or 4.51-4.52. In addition, students majoring in mathematics are strongly urged to take Mathematics 1.9 at their earliest convenience. Twelve semester hours of related electives must be chosen from a list prepared by the Department of Mathematics. Selection of related electives must be approved by an advisor from the Department of Mathematics. Mathematics 2.7, as well as mathematics courses with numbers less than 2.1, will not be credited to the major in mathematics. Courses normally offered every year unless otherwise stated.

A total of 122 semester hours is required for a B.A. degree with a Mathematics major; the following is a recommended program:

Freshman	Sem. Hrs.	Sophomore	Sem. Hrs.
English 1.1-1.2 .....	6	English Option .....	6
History 1.1-1.2 or 1.3-1.4 .....	6	Humanities Option .....	3
Mathematics 2.1-2.2 .....	6	Social Science Option .....	6
Chemistry 1.1-1.2 and L1.1-L1.2		Mathematics 2.3-2.4 .....	6
or Biol. 1.1-1.2 and L1.1-L1.2 ...	8	Physics 2.1-2.2 and L2.1-L2.2 .....	8
Humanities Option .....	6	Mathematics 1.9 .....	1
	32		30



Junior	Sem. Hrs.	Senior	Sem. Hrs.
Mathematics courses .....	12	Mathematics course .....	6
Related Elective .....	3	Related Elective .....	9
Social Science Option .....	6	Electives .....	9
First year foreign language .....	6	Second year foreign language .....	6
Humanities Option .....	3		
	30		30

For the B.S. degree with a major in Mathematics, consult the general requirements for the B.S. degree.

Those courses which will normally be offered at least once each year in the Evening Division are Mathematics 1.51-1.52, 2.1-2.2 and 2.7.

## Mathematics Courses

**Mathematics 1.3 — Freshman Mathematics I.** Topics considered include mathematical logic, set operations, axiom systems for the integers and rationals, inequalities, and an introduction to vectors and matrices. *Prerequisite: an adequate background in high school algebra. 1 term — 3 semester hours.*

**Mathematics 1.4 — Freshman Mathematics II.** This course is a continuation of Mathematics 1.3. Topics covered will include an introduction to the study of mathematical functions and an intensive study of the trigonometric and exponential functions. *Prerequisite: Math. 1.3, or the equivalent. 1 term — 3 semester hours.*

**Mathematics 1.51-1.52 — Finite Mathematics with Business Applications I and II.** This course is specifically designed to meet the needs of students in the College of Business Administration. Topics to be considered include logic, sets, combinations and permutations, elements of probability theory and stochastic processes, linear programming and Markov chains. *Prerequisite: an adequate background in high school algebra. 2 terms — 6 semester hours.*

**Mathematics 1.7-1.8 — Elements of Mathematics.** Survey of various topics in modern mathematics. A terminal course for liberal arts students. *No prerequisite. Non-science majors in the A.B. degree program may substitute this course for 6 semester hours of their science requirement. 2 terms — 6 semester hours.*

**Mathematics 1.9 — The Computer as a Scientific Tool.** This course is intended to give science students the practical knowledge to make effective use of the computer. Instruction will be given in the operation of teletype terminals, the use of library programs, flow charts, and programming in BASIC. *No prerequisite. 1 term — 3 semester hours. Normally offered yearly.*

**Mathematics 2.1-2.2 — Calculus I and II.** *2 terms — 6 semester hours.*

**Mathematics 2.3-2.4 — Calculus III and IV.** Analytic geometry and calculus is taught in a basic four-semester sequence. The third semester will include a thorough introduction to linear algebra, applied to three-dimensional geometry. *Prerequisite for Math. 2.1: Math. 1.4, or an adequate preparation in high-school algebra, geometry, and trigonometry. 2 terms — 6 semester hours.*

**Mathematics 2.5 — Ordinary Differential Equations.** A first course in differential equations. Topics on series solutions, numerical methods, and applications of linear algebra to systems of



simultaneous linear differential equations will be included. *Prerequisite: Math. 2.4, which may be taken concurrently.* 1 term – 3 semester hours. Normally offered in alternate years.

**Mathematics 2.6 — Numerical Methods.** An introduction to the use of the digital computer in solving mathematical problems and illustrating mathematical processes. *Prerequisite: Math. 2.3 or instructor's consent.* 1 term – 3 semester hours. Normally offered in alternate years.

**Mathematics 2.7 — Statistics with Business Applications.** A brief review of probability theory, followed by an introduction to statistical inference and the treatment of statistical data. Topics that are useful in business will be emphasized. *Prerequisite: Mathematics 1.51 or the equivalent.* 1 term – 3 semester hours. Normally offered yearly.

**Mathematics 3.21-3.22 — Probability and Mathematical Statistics I and II.** Probability of finite sets; probability and statistics of continuous distributions; statistical inference and statistical models. *Prerequisite: One year of calculus.* 2 terms – 6 semester hours. Normally offered in alternate years.

**Mathematics 4.1-4.2 — Modern Algebra I and II.** The structure of groups, rings, fields, vector spaces, and matrix algebras. *Prerequisite: Math. 2.3, which may be taken concurrently.* 2 terms – 6 semester hours. Normally offered in alternate years.

**Mathematics 4.31-4.32 — Geometry I and II.** Projective and Non-Euclidean geometries from a synthetic and an analytic point of view; introduction to topology. This course is particularly recommended for students preparing for secondary-school teaching. *Prerequisite: Math. 2.3, which may be taken concurrently.* 2 terms – 6 semester hours. Normally offered every third year.

**Mathematics 4.41-4.42 — Advanced Calculus I and II.** Multi-dimensional calculus, convergence of infinite series and improper integrals, Fourier series, and special functions. *Prerequisite: Math. 2.4.* 2 terms – 6 semester hours. Normally offered in alternate years.

**Mathematics 4.51-4.52 — Topics in Analysis I and II.** Foundations of real analysis and topics to be chosen from vector integral calculus, complex analysis, partial differential equations, Fourier analysis, and others. *Prerequisite: Math. 2.4.* 2 terms – 6 semester hours. Normally offered in alternate years.

**Mathematics 5 — Studies in Mathematics.** Members of the Department will hold conference hours with students and will direct their reading and study in areas of mathematics which may be of interest to them. 1 term – 3 semester hours.

**Mathematics 5T — Seminar.** Seminars in advanced topics will be offered from time to time by members of the department. *Prerequisite: Instructor's consent.* 1-3 semester hours.

## PHILOSOPHY

Department of Philosophy — *Professors:* Pearl (Chairman), Sahakian, Zuck-erstatter; *Associate Professor:* Outwater.

A major in the Department of Philosophy is satisfied by successfully completing 30 semester hours of course work in philosophy.



All majors in Philosophy are required to take the following core courses: Logic, Ethics, History of Philosophy, Introduction to Philosophy, Philosophy of Religion (or Oriental Philosophy or Judeo-Christian Philosophy). A Philosophy major's program should include at least two (2) Seminar courses in Philosophy. All seminars require a minimum prerequisite of six (6) semester hours in Philosophy. A detailed program suited to the needs of the individual student will be developed for each Philosophy major.

Those Philosophy majors planning to attend graduate schools in Philosophy requiring the Graduate Record Examination should elect Psychological Services 1.8 (Psychology of Verbal Cognition and Learning).

Twelve semester hours of related electives must be chosen from a list prepared by the Department of Philosophy. Selection of related electives must be approved by an advisor from the Department of Philosophy.

Education 6.8 — Philosophy of Education, offered by the Department of Education, may be credited toward the major in Philosophy.

## Philosophy Courses

**Philosophy 1.1 — Elementary Logic.** A study of the laws of thought, syllogistic argument, fallacies encountered in reasoning, and methods of scientific investigation. A course in logic not only teaches the student to think correctly and to avoid errors in his own thinking, but it also trains him to detect fallacies in the reasoning of others. *This course is open to beginners in philosophy. 1 term – 3 semester hours.*

**Philosophy 1.2 — Logic.** A continuation of the course Phil. 1.1 (Introduction to Logic) for those who care to delve deeper into this area of philosophy. Its scope includes: symbolic logic and informal types of logic such as the Hegelian dialectic, Socratic dialectic, Dewey's experimental logic, etc. This course is recommended to all Philosophy majors. *Prerequisite: Phil. 1.1 or instructor's consent. 1 term – 3 semester hours.*

**Philosophy 1.3 — Ethics.** A critical introduction to ethical theories — an historical approach. A study of the persistent problems of ethical philosophy together with solutions offered by various schools of thought. Ethical schools of thought such as the following are treated: Socratic, Aristotelian, Epicurean, Hedonism of Aristippus, Stoicism of Epictetus, Scholasticism of Aquinas, Subjectivism of Hume, Utilitarianism of Bentham and Mill, Kantian, Evolutionary Naturalism of Spencer, Intuitionism of Martineau, Logical Positivism of Ayer, Idealism and Personalism. *This course is open to beginners in philosophy. 1 term – 3 semester hours.*

**Philosophy 1.4-1.5 — Introduction to Philosophy.** An introductory study intended to orient the student in philosophical thought. The various fields of philosophy studied and a variety of schools of philosophical thought treated. The student is equipped with technical terms used in philosophy. *This is the standard first course in philosophy. 2 terms – 6 semester hours.*

**Philosophy 1.6 — Social Ethics.** An examination of the influences of the mass media, literature, politics, and social trends on the process of decision making and the choosing of values. Readings in Marcuse, Jung, Slater, Roszak, Fiedler and others. *1 term – 3 semester hours.*



**\*Philosophy 1.7 — Seminar in Ethical Theory.** A study of the contending philosophies of life, metaethic, and ethical issues. This course includes the philosophy of such men as: Schweitzer, Frankl, Freud, Marx, Kierkegaard, Sartre, and the British Analytical tradition. *Prerequisite: 6 semester hours in philosophy. 1 term – 3 semester hours. Usually offered alternate years.*

**Philosophy 2.1 — History of Ancient and Medieval Philosophy.** The study of the development of philosophical thought from the period of the ancient Greek philosophers to the period of the scholastics. This course includes such philosophers as: Socrates, Plato, Aristotle, Epicurus, Augustine, and Aquinas. History of Philosophy is the best of the introductory courses in philosophy and is designed to equip the student with a well-grounded understanding and appreciation of philosophy. *1 term – 3 semester hours.*

**Philosophy 2.2 — History of Modern Philosophy.** The period of the transition to modern philosophy and the more recent tendencies in philosophy. The following philosophers are treated: Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, Kant, Hegel, Schopenhauer. History of Modern Philosophy may be elected without previously taking History of Ancient Philosophy. *1 term – 3 semester hours.*

**Philosophy 2.3 — Social and Political Philosophy.** An examination of democracy in relation to social mobility, economics, the political process in America, and community. Readings from both historical and contemporary thinkers: Roazen, Cawleti, Arendt, Plato, Aristotle, Machiavelli, Rousseau, Marx, Mussolini, Hitler, Jefferson, Thoreau and others. *1 term – 3 semester hours.*

**Philosophy 2.4 — Philosophy of Religion.** The object of this course is to attempt to arrive at a coherent understanding of God, the soul, and immortality. It considers such subjects as religious values, conceptions of God, arguments for God, ways of knowing God, the problem of good and evil, human purpose, the soul, and immortality. No previous courses in philosophy required. *1 term – 3 semester hours.*

**\*Philosophy 2.6 — Seminar in 19th Century Philosophy.** This course surveys the major philosophers and schools of philosophy that flourished during the 19th century, including such schools as: evolutionary naturalism, utilitarianism, pragmatism, realism, communism, personalism and idealism; and such men as: Mill, Nietzsche, Kierkegaard, James, Royce, Bowne, Marx, Spencer, and Comte. *1 term – 3 semester hours. Usually given alternate years.*

**\*Philosophy 3.0 — Philosophy in Literature.** The philosophical topics touched upon by the masters of Literature, both in prose and poetry, are recognized and discussed. This course is useful in giving one a philosophical background for the interpretation and understanding of literature, as well as an appreciation of the aesthetic expression of philosophical ideas. *1 term – 3 semester hours. Usually offered in alternate years.*

**\*Philosophy 3.2 — Seminar in Contemporary Philosophy.** The aim of this course is to present and to discuss type by type, Pragmatism, Idealism, Naturalism, Logical Positivism, Phenomenology, Existentialism, Analytic Philosophy, Dialectical Materialism, Neo-Scholasticism, Personalism, and Neo-Realism together with the respective American, British, and Continental philosophers of the Twentieth Century. *1 term – 3 semester hours. Usually given in alternate years.*

**Philosophy 3.3 — Philosophy of Personality.** An evaluative study of personality based on facts derived from psychological theorists such as Freud, Jung, Adler, Fromm, Rogers and



others. A philosophical analysis of the nature and efficacy of personality theory and practice is attempted. *1 term – 3 semester hours.*

**\*Philosophy 3.4 — Seminar in Philosophical Psychology.** An evaluation of the philosophical aspects of Psychology. The philosophical bases of Psychological systems and men are discussed, together with their philosophical implications, ramifications, and interpretation. *Prerequisite: 6 semester hours in philosophy. 1 term – 3 semester hours. Usually given in alternate years.*

**Philosophy 3.6 — Philosophy of Mind.** This course deals with a cluster of issues closely related to the concept of consciousness: the nature and subject of consciousness; the relationship of consciousness (mind) to the physical world; the consciousness of machines; personal identity; personal survival; the relevance of psychology to the philosophy of mind; our knowledge of the existence of other minds; the problem of free will versus determinism. Important historical as well as contemporary positions will be discussed, with emphasis on the views of such contemporary analytic philosophers as Ryle, Wittgenstein, Smart, Flew, and others. *Prerequisite: 3 semester hours of History of Philosophy or Introduction to Philosophy. 1 term – 3 semester hours.*

**Philosophy 3.7 — Philosophy of Medicine.** A philosophical analysis of the theory and practice of orthodox and unorthodox or fringe medicine. Included are such areas as conventional western medicine, Homeopathy, Osteopathy, chiropractic, Yoga medicine, Acupuncture, Faith healing, Spiritual healing, and others. *1 term – 3 semester hours.*

**Philosophy 4.0 — Oriental Philosophy.** This course has as its object the exposition and critical evaluation of Hinduism, Buddhism, Zen Buddhism, Confucianism, Taoism, and Islam. Special attention will be given to foundation principles as well as the similarities and differences of each of these philosophies to basic ideas in Western philosophy. *1 term – 3 semester hours.*

**\*Philosophy 4.4 — Seminar in American Philosophy.** An historical development of the major schools of American Philosophy. Emphasis will be upon the more outstanding figures in American Philosophy such as Emerson, Bowne, Royce, James, Perry, Santayana, Peirce, Dewey, and Brightman. *Prerequisite: 6 semester hours in philosophy. 1 term – 3 semester hours. Usually given alternate years.*

**\*Philosophy 4.5 — Seminar in Existentialism.** The study of the contemporary school of philosophy, Existentialism. A number of the Existentialist thinkers are discussed, including Kierkegaard, Heidegger, Sartre, Camus, Jaspers, Buber, Berdyaev, Marcel, and Tillich. *Prerequisite: 6 semester hours in philosophy. 1 term – 3 semester hours. Usually given alternate years.*

**\*Philosophy 4.6 — Seminar in Phenomenology.** The study of the contemporary school of philosophy, Phenomenology. In addition to phenomenological tenets, the systems of a number of Phenomenologists are treated, such as Husserl, Scheler, and Merleau-Ponty. *Prerequisite: 6 semester hours in philosophy. 1 term – 3 semester hours. Usually given alternate years.*

**Philosophy 4.8 — Seminar in the Philosophy of the Sexes: Women's Liberation and Men's Liberation.** An interdisciplinary approach to contemporary ideas of the fulfillment of the sexes. Discussion of women's and men's liberation, child-rearing, the "sexual revolution," consciousness-raiding, and work and leisure in America. Use of philosophical, psychological, and sociological sources. Readings from Mailer, Jung, Fromm, the New Yorker, Greer, Millet, and others. *Prerequisite: 6 semester hours in philosophy. 1 term – 3 semester hours.*



**\*Philosophy 4.9 — Seminar in the Philosophy of Freud and Jung.** An examination of the philosophical presuppositions and historical roots of Freud and Jung. Biographical materials will also be used. *Prerequisite: 6 semester hours in Philosophy. 1 term – 3 semester hours. Usually given alternate years.*

**Philosophy 5 — Studies in Philosophy.** Members of the Department will hold conference hours with students who are candidates for Honors, and will direct their reading in areas of philosophical research which may be of special interest to them. *Usually given alternate years.*

## PHYSICAL EDUCATION

Physical Education Department — *Associate Professor: Law (Director and Chairman); Assistant Professor and Assistant to the Director: Nelson.*

### Physical Education Courses

**Physical Education 3.7 — Theory and Practice of Athletics.** Theory and practice of football, soccer, hockey and intramurals. Rules and officiating. *1 term – 3 semester hours.*

**Physical Education 3.8 — Theory and Practice of Athletics.** Theory and practice of basketball, track, baseball and minor sports. Rules and officiating. *1 term – 3 semester hours.*

## PHYSICS

Department of Physics — *Professor: Marshall (Chairman); Associate Professor: Feldman; Assistant Professor: Johnson.*

A total of 122 semester hours is required for the B.S. degree with a Physics major.

A major in Physics may be satisfied by the completion of 10 semester hours in Physics plus 12 semester hours of related electives chosen from a list prepared by the Chairman of the Department of Physics. Selection of related electives must be approved by an advisor from the Department of Physics.

Other degree requirements include Math. 2.1-2.2 and 2.3-2.4 (unless waived by the Chairman of the Department of Physics), and 6 semester hours in each of the following: Eng. 1.1-1.2, Humanities Option, Communications Option, Social Science Option, and English Option. In addition 9 semester hours is required in Computer Science 2.1-2.2 and 4.1.

Students who plan to teach secondary school physics must be advised by the Department of Education and must complete the Department of Education requirements.

Freshman	Sem. Hrs.
English 1.1-1.2 .....	6
Humanities Option .....	6
Communications Option .....	6
Mathematics 2.1-2.2 .....	6
Chemistry 1.1-1.2 and L1.1-L1.2 ..	8
	<hr/> 32

Sophomore	Sem. Hrs.
English Option .....	6
Social Science Option .....	6
Physics 2.1-2.2 .....	8
Mathematics 2.3-2.4 .....	6
Free Electives .....	6
	<hr/> 32

Junior	Sem. Hrs.
Two Major Courses .....	13
Related Electives .....	12
Computer Science 2.1-2.2 .....	6
	<hr/> 31

Senior	Sem. Hrs.
Two Major Courses .....	12
Computer Science .....	3
Free Electives .....	12
	<hr/> 27

## Physics Courses

**Physics 1.1-1.2 — College Physics.** An introduction to the fundamental principles of physics. Basic concepts of mechanics, heat, sound, electricity, magnetism, and light. *2 terms – 6 semester hours.*

**Physics L1.1-L1.2 — College Physics Laboratory.** Fundamental laboratory experimental measurements illustrating the basic concepts of mechanics, heat, sound, electricity, magnetism and light. *2 terms – 2 semester hours.*

**Physics 2.1-2.2 — General Physics.** The topics of Physics 1.1-1.2 will be treated with the use of calculus. This course is a prerequisite for all advanced physics courses. Physics 1.1-1.2 and Physics 2.1-2.2 cannot both be used to satisfy degree requirements. *Prerequisite: Math. 2.1-2.2 which may be taken concurrently. 2 terms – 6 semester hours.*

**Physics L2.1-L2.2 — General Physics Laboratory.** Fundamental laboratory experimental measurements illustrating the basic concepts of mechanics, heat, sound, electricity, magnetism, and light. *2 terms – 2 semester hours.*

**Physics 3.1-3.2 — Classical Mechanics.** A comprehensive introduction to the elements of classical mechanics. Newtonian mechanics, motion and force, frames of reference, momentum and energy, conservation relations, and conservative forces. Linear oscillations; central forces, orbits, angular momentum and rotating bodies. Hamilton's principle and Lagrange's equations. Rigid body dynamics. Principle of least action. *Prerequisite: Math. 2.4 which may be taken concurrently with Physics 3.1. 2 terms – 6 semester hours. Given in alternate years.*

**Physics 3.3 — Heat and Thermodynamics.** Temperature, thermodynamic systems, work and the First Law, the Second Law, reversibility, irreversibility, entropy, thermodynamic state functions, and applications to special systems. *Prerequisite: Math. 2.4. 1 term – 4 semester hours. Given in fall semester in alternate years.*

**Physics 3.4 — Kinetic Theory of Gas.** Elements of gas kinetic theory and the distribution law for molecular velocities. Distribution averages, mean free path, collisions and scattering. Transport properties. Equations of state, fluctuations. *Prerequisite: Physics 3.3. 1 term – 3 semester hours. Given in alternate years in spring semesters.*



**Physics 3.5-3.6 — Wave Motion, Sound and Optics.** Modes of oscillations in systems, traveling waves in homogeneous media, standing waves, superposition of harmonic waves. Emission and absorption of waves, polarization, interference and diffraction phenomena. *Prerequisite: Math. 2.4. 2 terms – 6 semester hours. Given in alternate years.*

**Physics 3.7-3.8 — Intermediate Laboratory I, II.** Laboratory and conferences. Experimental measurements in mechanics, heat, gas phenomena, wave motion and optics. *2 terms – 4 semester hours.*

**Physics 4.1-4.2 — Electromagnetics I, II.** The electrostatic field, energy and forces in electrostatic fields, and methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy; plane waves, wave guides and cavity resonators. Wave propagation in isotropic media. Interaction of charged particles with electromagnetic fields. *Prerequisite: Physics 3.2. 2 terms – 6 semester hours. Given in alternate years.*

**Physics 4.3-4.4 — Modern Physics I, II.** Atoms and elementary particles, characteristics of atomic molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics, thermal properties of matter. Atomic spectra and structure, Molecular systems. Nuclear reactions, alpha decay, beta decay, and high energy physics. *Prerequisite: Physics 3.2. 2 terms – 6 semester hours. Given in alternate years.*

**Physics 4.5 — Solid State Physics.** Introduction to the properties of solids. Structure and symmetry properties of crystals. X-ray diffraction and crystal structure. Binding energy in solids, elastic properties of continuous media, elastic waves in discrete lattices, and temperature dependence of the physical properties of solids. Magnetic properties of solids and the free electron theory of metals. *Prerequisite: Physics 3.6. 1 term – 3 semester hours. Given in fall semester in alternate years.*

**Physics 4.6 — Modern Electronics.** Electrons and electronics. Electronic tubes. Semiconductor devices. Basic amplifier circuits, feedback amplifiers and special amplifier circuits. Power supplies, oscillators, pulse circuits and noise. *Prerequisite: Physics 4.1 and 4.5. 1 term – 3 semester hours. Given in spring semester in alternate years.*

**Physics 4.7-4.8 — Advanced Laboratory.** Electrical measurements, electronic circuit synthesis. Spectroscopic techniques in atomic and molecular physics. *Prerequisite: Physics 3.8. 2 terms – 2 semester hours. Given in alternate years.*

**Physics 4.9-4.10 — Mathematical Physics.** An introduction to the mathematical methods in the physical sciences. Infinite series, complex numbers, determinants and matrices, partial differentiation and multiple integrals, vector analysis, fourier series, and ordinary differential equations. Calculus of variations, function of a complex variable, series solutions to differential equations, integral transforms, partial differential equations and probability. *Prerequisite: Math. 2.4. 2 terms – 6 semester hours.*

**Physics 5 — Advanced Studies in Physics.** Directed reading, lectures, seminar and research in selected areas of special interest.

## PSYCHOLOGY

Department of Psychology — *Professors:* Wetherbee (Chairman), Raben, Webb; *Associate Professors:* Katz, Lloyd, Williams; *Assistant Professor:* Hanna.

The requirements for a major in the Department of Psychology are satisfied on the completion of 10 courses in Psychology. Twelve semester hours of related electives must be chosen from a list prepared by the Department of Psychology. Selections of related electives must be approved by an advisor from the Department of Psychology.

The requirements for a major in Psychology may be met by one of two tracks.

*Track A* has been designed for students preparing for graduate work in Psychology, such as clinical, experimental or industrial.

*Track B* has been designed for students desiring to enter related fields for which a major in Psychology may be appropriate, such as social work, personnel work, counselor education or other graduate work in Education.

General Psychology is a prerequisite for all other psychology courses. The following are required for all majors:

### *Core Courses*

- General Psychology
- Statistics for the Behavioral Sciences
- Theories of Personality

### *Required for Track A*

- Systematic Psychology
- Two of the following three:
  - Experimental Psychology I — Perception
  - Experimental Psychology II — Learning
  - Experimental Psychology III — Social

### *Required for Track B*

- Abnormal Psychology
- Social Psychology
- Tests and Measurements

In addition to the required courses, students are encouraged to select additional courses from those offered by the Department according to their needs and interests. Depending upon the individual student's goal, a number of undergraduate concentrations within the major are available. These concentrations provide education and training designed to prepare the student for the following positions: Experimental Technician, Psychometrist, Child-Care Assistant, Counselor Aide, and Personnel Assis-



tant. Course outlines of the concentrations may be obtained from departmental advisors.

The Graduate Record Examination, Advanced Test in Psychology is strongly recommended by the Department for those students planning to apply for graduate study in psychology. Students who anticipate graduate study in psychology are also advised to select additional work in Biology and Mathematics.

Evening students can complete a major in either Track A or B by following a four year cycle of course offerings. Evening courses are expected to be offered on the following schedule: (F meaning Fall semester and S meaning Spring): F'76; 1.1, 2.8, 3.2; S'77, 1.1, 1.6, 2.3, 2.4, 3.6; F'77, 1.1, 2.1, 4.3; S'78, 1.1, 2.4, 3.6, 4.1; F'78, 1.1, 2.3, 2.8, 3.2; S'79, 1.1, 1.6, 2.2, 2.4, 3.6; F'79, 1.1, 2.3, 4.4; S'80, 1.1, 2.4, 2.8, 3.6, 4.2. Some of these courses and 3.9 and 4.9 may be offered at night in the summer.

## Psychology Courses

**Psychology 1.1 — General Psychology.** Surveys principal psychological concepts and representative findings in the fields of perception, thinking, emotions, learning, motivation, social behavior, development and personality. Provides a sound basis in the fundamentals of psychology and serves as background for advanced courses in the Department. *1 term – 3 semester hours. Normally offered yearly, days.*

**Psychology 1.6 — Statistics for the Behavioral Sciences.** An introductory course in Statistics with application to the Behavioral Sciences in experimentation, studies of groups and psychological testing. Prepares the student for advanced courses in the Behavioral Sciences and to analyze data and interpret research findings. Laboratory. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly, days.*

**Psychology 2.1 — Child Psychology.** A course covering physical, behavioral, cognitive, social, and emotional development in the child. Surveys systematic approaches, including Freud, Piaget, Erikson, and S-R; discusses problem areas in child development. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 2.2 — Psychology of Adolescence.** Treats the adolescent years in terms of development as influenced by physiological and socio-cultural factors. Covers personality development and conflicts common to adolescents. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 2.3 — Social Psychology.** Studies the major concepts presently used to explain and predict social interaction, motivation, attitudes, small group behavior and leadership. Develops an understanding of the individual in social situations and of basic processes such as communication, conformity and deviation. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 2.4 — Abnormal Psychology.** The dynamics of abnormal behavior are studied, as exemplified in the neuroses and organic and functional psychoses. Case material is presented to



illustrate the various types of behavior and familiarize students with clinical procedures. Various theoretical, speculative, clinical, and experimental approaches to abnormal behavior are evaluated. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 2.5 — Psychology of Women.** This course examines closely in historical and contemporary contexts knowledge gathered by behavioral scientists concerning the genetic determinants of female behavior and the female function in various social roles. While the impact made by psychoanalytic theory is emphasized, consideration is given to future directions and life styles opening up for women in the U.S. and other nations. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 2.6 — Developmental Psychology.** Focus is on individual growth and the influence of environment, with particular emphasis on infancy, middle childhood and adolescence. Aspects of growth — physical, intellectual, social, and emotional are treated as related to the development of personality. An attempt is made to integrate the vast body of data on human development with general behavior theory. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 2.7 — Psychology of Learning.** Considers the principles of learning in the behavior of animal and man. Discusses the difficulties of definition and methodology. Studies the variables affecting learned behavior and investigates the contemporary theoretical viewpoints related to the empirical evidence. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 2.8 — Theories of Personality.** This course surveys the major theoretical approaches to personality, with attention given to the historical development of personality theory as seen in the systems of Freud, Jung, and Adler. In addition representative theorists of the cultural, ego-oriented, learning theory, and holistic-dynamic viewpoints are covered. *Prerequisite: 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 3.0 — Environmental Psychology.** Examines the ways psychotechnology can improve the man-environment interface within the framework of psychology and ecology. Housing, education, recreation, health care, industry, agriculture, and government are viewed as systems design problems including communication and transportation services. Space and the Sea are also explored. *Prerequisite: Psych. 1.1 and instructor's permission. 1 term – 3 semester hours. (To be offered Spring '77.)*

**Psychology 3.1 — Human Factors Engineering.** An introduction to this relatively new specialty which concerns itself with man-machine relations. The course covers the major human characteristics, design variables and environmental factors that influence the development and functioning of man-machine systems of various types. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. (To be offered Spring '77.)*

**Psychology 3.2 — Psychological Tests and Measurements.** A survey of the major group and individual tests utilized in psychological testing. Familiarizes students with group and individual tests in the measurement of intelligence, aptitude, interest, and personality. Provides introductory information on administration, scoring and interpretation of representative tests. *Prerequisite: Psych. 1.6. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 3.3 — Adult Psychology and Aging.** This course considers developmental tasks in the psycho-social sphere which confronts individuals and groups in the span of life from



young adulthood to death. Special attention is paid to the problems of the aged. *Prerequisite:* Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.

**Psychology 3.4 — Principles of Behavior Modification.** An introduction to the basic concepts of behavior modification, including a review of major areas of application such as education and maladaptive behavior problems. Students plan and carry out individual projects. *Prerequisite:* Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.

**Psychology 3.5 — Humanistic Psychology.** A thorough treatment of the “third force” movement in psychology. Tracing the humanistic trend from philosophy and religion. Special emphasis is given to theorists such as Maslow, Rogers, and Frankl. Small discussion groups, presentations, and innovative research projects are required of course members. *Prerequisite:* Instructor’s permission. 1 term – 3 semester hours. Normally offered yearly.

**Psychology 3.6 — Industrial Psychology.** This course explores the ways in which the work-effectiveness of individuals may be enhanced. Emphasis is placed on selection, training, and evaluation procedures, working conditions, and human relations. *Prerequisite:* Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.

**Psychology 3.8 — Behavior Problems in Childhood and Adolescence.** Attention will be given to the development that results in disturbed behavior in children. Emphasis will be on psychological factors responsible for deviations with some attention to organic and constitutional factors. *Prerequisite:* Psych. 2.1, and 2.2, or Psych. 2.6. 1 term – 3 semester hours. Normally offered yearly.

**Psychology 3.9 — Psychology of Rehabilitation.** Includes a historical survey in the field of Rehabilitation beginning with emphasis on vocational rehabilitation for the physically handicapped to the present broadened concept of rehabilitation principles applied to a wide variety of individuals in the total community setting. Such areas as corrections, alcoholism, social deviancy, drug addiction, physical and emotional disorders are covered. *Prerequisite:* Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.

**Psychology 4.0 — Psychology of Organization and Management.** This course investigates the nature and duality for organizing and being organized and its implications for managerial behavior. Emphasis is placed on the application of behavioral science research to organizational and managerial decision making. *Prerequisite:* Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.

**Psychology 4.1 — Experimental Psychology I: Perception.** Study of the use of the experimental method in the investigation of sensory and perceptual mechanisms. Theoretical approaches are introduced and related to the relevant experimental research. Students plan and carry out individual projects. Lectures and laboratory. *Prerequisite:* Psych. 1.1 and 1.6, or instructor’s permission. 1 term – 4 semester hours. Normally offered yearly.

**Psychology 4.2 — Experimental Psychology II: Learning.** Study of the use of experimental method in the investigation of learning, cognitive and memory processes. Theoretical approaches are introduced and related to the relevant experimental research. Students plan and carry out individual projects. Lectures and laboratory. *Prerequisite:* Psych. 1.1 and 1.6, or instructor’s permission. 1 term – 4 semester hours. Normally offered yearly.



**Psychology 4.3 — Systematic Psychology.** An intensive review and analysis of the basic assumptions of psychology from the viewpoint of the various schools of psychology including functionalism, associationism, behaviorism, structuralism, gestalt, field theory, phenomenology, the biosocial, psychoanalytic and existential schools. The origin, major theories, and concepts of each system are examined concerning the importance to the growth and applications of modern psychology. *Prerequisite: Psych 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 4.4 — Community Psychology.** A survey of current mental health programs under public and private auspices. These will include traditional programs and innovative programs in psychiatry and psychotherapy in community-oriented facilities; attention to half-way houses, family life centers and federal programming. Guest speakers normally are a part of this course. *Prerequisite: 6 hours of psychology. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 4.5 — Experimental Psychology III — Social.** Study of four or five areas of social psychology in an experimental context. Methodological and ethical issues in research will be discussed. Students plan and carry out individual research projects. Lectures and laboratory. *Prerequisites: Psych. 1.1, 1.6 and 2.3. 1 term – 4 semester hours. Normally offered yearly.*

**Psychology 4.7 — Futuristic Psychology.** In seminar form, this course explores man's past and present utopian and dystopian projections. A behavioral perspective is sought, using science fiction and other speculative materials. Enrollment is limited and by permission of the instructor. *Prerequisites: Psych. 1.6 and 3.2. 1 term – 3 semester hours. (Offered Spring '78.)*

**Psychology 4.8 — Physiological Psychology.** Explores the organic basis for human and animal behavior. Specifically treats nervous system and brain function, emotion, drives and sensory systems. *Prerequisites: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 4.9 — Theory and Development of Group Process in Psychology.** An historical treatment of the development of group process in the field of psychology. Includes T-group methods, development and in-service training. Psychodrama and role-playing to modern group practice. Treats in a practical manner the present trends found in sensitivity training, encounter groups, experience groups, therapy groups, etc. *Prerequisite: Psych. 1.1. 1 term – 3 semester hours. Normally offered yearly.*

**Psychology 5.1-5.2 — Practicum.** Provides a field work placement equivalent to one full day per week. Practicum includes seminar and individual conferences to correlate field work experience. Open to advanced students who are completing an undergraduate concentration in psychology. *Admission by consent of the instructor. Only three semester hours to be credited toward the major in Psychology. 2 terms – 6 semester hours. Normally offered yearly.*

**Psychology 5.4 — Honors Seminar.** An advanced seminar for Juniors and Seniors which will give in-depth treatment to an area of special interest. Responsibility for the seminar will be rotated among the members of the Department and will be announced in the schedule of courses. *Admission by consent of the instructor.*

**Psychology 5.8 — Directed Studies in Psychology.** Students may make arrangements with individual members of the Department who will direct the student's reading or research into areas which may be of special interest to them. Students will normally be Junior or Senior Psychology Majors of better academic standing. *Admission by consent of the instructor.*



## PSYCHOLOGICAL SERVICES

*Professor:* Garni (Chairperson); *Associate Professor:* MacVicar; *Assistant Professors:* DeGuglielmo, Korn.

### Psychological Services Courses

**Psychological Services 1.3-1.4 — Interpersonal Relations.** This course provides an opportunity for students (1) to develop greater understanding of their attitudes and perceptions, particularly as they affect their ability to form and maintain relationships, (2) to gain greater awareness of and skills in breaking through behaviors that keep people feeling isolated from one another; specifically, communicating thoughts and feelings with more openness and directness, and (3) to experience a safe environment where people can experiment with new behaviors and then extend them to relationships outside the group.

The major learning will be gained from group discussion of the ways various members experience human interactions in their home, school, work, and social environments and in the group itself. A secondary focus is gaining a greater awareness of group process, including how groups are formed, their developmental phases and varied outcomes. *Prerequisites:* Instructor's consent. *Course is taught on a Pass-Fail basis. 1 or 2 terms – 3 or 6 semester hours.*

## SCIENCE: INTERDISCIPLINARY PROGRAMS

**Science 1.1-1.2 — Introduction to Physical Science.** This course is designed to acquaint non-science concentrators with some of the developments, aims, and methods of physical science. Specific topics will be drawn from astronomy, physics, and chemistry, including questions relating to the nature of matter and radiation and the structure of the universe. *Prerequisite:* An adequate background in high school mathematics is desirable. *2 terms – 6 semester hours.*

**Science L1.1-L1.2 — Physical Science Laboratory.** Basic laboratory measurements illustrating fundamental concepts in the physical sciences. Emphasis is on group activity and measurement techniques. *2 terms – 2 semester hours.*

**Science 1.5-1.6 — Principles of Astronomy.** An introduction to the basic characteristics of the planet earth, the moon, planetary motions, the principal planets, the solar system, stars, and galaxies. *2 terms – 6 semester hours.*

**Science 1.3-1.4 — The Living World and Man. (See Biology 1.3-1.4.)**

**Science 2.1 — Introduction to Marine Sciences.** A multidisciplinary, team-taught course supported by the New Hampshire College and University Council and Suffolk University. Topics and units include: physical and chemical oceanography, biological oceanography, marine geology, marine algology, marine invertebrates, marine vertebrates, and field trips. Lecture, laboratory and field trips. *Prerequisites:* approval of the campus representative of the Marine Science Committee of the New Hampshire College and University Council. *1 term – 4 semester hours.*

**Science 2.2 — Introduction to Environmental Science Technology.** Option A: Laboratory; Option B: Field. A directed study program in either a laboratory or field project conducted while in residence at an affiliated agency which deals with environmental studies. Periodic reports both oral and written shall be required. Evaluations and recommendations will be made to the faculty sponsor by the appropriate supervisor in the agency. A six month residency in the agency is expected. *Prerequisite:* Approval of Biology Dept. Chairman and sophomore status. *12 credits – 12 semester hours.*

**Science 4.2 — Advanced Environmental Science Technology.** Option A: Laboratory; Option B: Field. A senior directed study program in either a laboratory or field project conducted while in residence at an affiliated agency which deals with environmental studies. Periodic reports both oral and written shall be required. Evaluation and recommendation will be made to the faculty sponsor by the appropriate supervisor in the agency. A six-month residency in the agency is expected. *Prerequisites:* Sci. 2.2; *approval of the Biology Department Chairman and senior status.* 12 credits — 12 semester hours.

## SOCIOLOGY

Department of Sociology: *Professors:* Fiorillo (Chairman), Sullivan; *Assistant Professors:* Bouthot, Castanino, Evans, Mack, Topitzer, Wertz; *Instructor:* Kaszanek; *Lecturers:* DelValle, Gennert, Gianfortoni, Gness, Hinckley, McClure, Skeffington, Williams, Zabriskie.

The aim of the major in Sociology is to provide the student with a working knowledge of theory, research, and computer application techniques, so that he may better understand the structure and functioning of modern society, its major institutions, groups, values, and resultant social problems.

The major requirement in the Department of Sociology is satisfied on the completion of 30 semester hours of course work in the department, which must include Research Methods in Sociology, Social Theory, and Field Studies. Sociology 1.1 will *not* be permitted to count toward the completion of the major requirement in the field. Sociology 1.1 is a prerequisite for all intermediate and upper level Sociology courses.

Sociology majors are encouraged to select Sociology options and electives from the wide range of offerings within appropriate related sequences, or general courses presented by the department. Additional related or free electives from associated disciplines may be chosen after individual counseling by faculty advisors. The goal is a personalized program for each student, consistent with a sound liberal education, sufficient professional development, and particular career plans and perspectives.

As of September, 1974 all sociology majors in all sequences will be restricted to 36 hours in Sociology courses. Any course work in addition to the 36 hour limit can be done only with the permission of the Chairman.

### B.A. or B.S. — General Sociology

Requirements in Major	Sem. Hrs.	Related Electives	Sem. Hrs.
Soc. 3.3 Research Methods* . . . . .	3	May be selected from such areas as:	
Soc. 3.7 Social Theory . . . . .	3	Psychology, Government, History,	
Soc. 4.40 Field Studies Prerequisite:		Economics, Education, others.	
Soc. 3.3)** . . . . .	4	Selections must be approved	
Sociology Options . . . . .	21	by a Faculty Advisor.	
	31		12



All-College Requirements	Sem. Hrs.	Free Electives	Sem. Hrs.
B.A. ....	56	B.A. ....	24
B.S. ....	38	B.S. ....	42

\*For Juniors and Seniors only.

\*\*For Seniors only.

Please Note: All majors in this program are restricted to 36 hours in Sociology. Additionally, students must have their course selections and prerequisites for all upper level courses approved in each term by an Advisor from the Department of Sociology.

### Professional Programs

The Department offers several Professional Programs which provide the added dimension of career orientation to the liberal arts education. Students may select a core concentration together with enrichment and general courses supportive of the core within the context of the major. Such a program of study combined with relevant choices in the All-College options and Free Elective areas may lead to careers and/or graduate training in the fields of Criminal Justice, Social Work, Linguistics, Urban Planning, Government Service, Health, Human Services, others.

**Undergraduate Sequences in Crime and Delinquency Studies** — The Undergraduate Sequence in Crime and Delinquency Studies is designed to provide Liberal Arts Students in Sociology with a concentration in Criminology, Criminal Justice and Delinquency Studies and to increase the professionalization of law enforcement and criminal justice agencies by enhancing the education of their in-service personnel. A diversity of courses is offered on an alternating day, evening basis in order that part-time and in-service personnel may participate in the program.

Thirty Hours Certificate Program*	Sem. Hrs.
Eng. 1.1-1.2 Freshman English . . .	6
Soc. 1.1 Introductory Sociology . . .	3
Soc. 3.2 Principles of Criminology .	3
Soc. 3.21 Administration of Justice	3
Soc. 3.24 Juvenile Delinquency . . .	3
Sociology Options . . . . .	6
Any two term courses . . . . .	6
	<hr/> 30

\*Courses may be taken for credit by any high school graduate. Course work taken in earning the "Certificate" is applicable to an Associate Degree or a Bachelor's Degree should the student desire to continue his education.

**Associate Degree in Crime and Delinquency Studies**      **Sem. Hrs.**

English 1.1-1.2 and 2.3-2.4 .....	12
History, Humanities or Philosophy .....	6
Science or Language .....	8
Sociology 1.1 .....	3
Principles of Criminology .....	3
Juvenile Delinquency .....	3
Seminar in Crime and Delinquency*	3
Administration of Justice .....	3
Sociology Options† .....	9
	<hr/> 50

**Related Electives**      **Sem. Hrs.**

May be taken in such areas as: Psychology, Government and Economics, Public Administration, Education, Public Relations and Speech. Selections must be approved by a Faculty Advisor .....	6
	<hr/> 56

In addition, two term courses may be selected from any subject area .....	6
	<hr/> 62

\*Prerequisite — Soc. 3.2 and Soc. 3.24.

†Course work taken in earning the "Associate Degree" is applicable to a Bachelor's Degree.

**Bachelor of Arts or Bachelor of Science Degree**

**Crime and Delinquency Studies**      **Sem. Hrs.**

Principles of Criminology .....	3
Juvenile Delinquency .....	3
Seminar in Crime and Delinquency*	3
Administration of Justice .....	3
Field Studies** .....	4
Research Methods** .....	3
Sociology Options† .....	12
	<hr/> 31

**Related Electives**      **Sem. Hrs.**

May be taken in such areas as: Psychology, Government and Economics, Public Administration, Education, Public Relations and Speech. Selections must be approved by a Faculty Advisor .....	12
Free Electives (24 S.H. for A.B.; 42 for B.S.) .....	24-42
All-College Requirements (56 S.H. for A.B.; 38 for B.S.) .....	56-38
	<hr/> 123

\*Prerequisite: Soc. 3.2 and Soc. 3.24

\*\*Not required of in-service personnel who may substitute a Sociology Option.

†Suggested Sociology Options include: Criminal Law, History of Crime and Correction, Sociology of Minorities, Sociology of Violence, Social Problems, Sociology of Deviance, Sociology of Mental Health, Sociology of Law and Community Development.

Please Note: All majors in this program are restricted to 36 hours in Sociology. Additionally, students must have course selections and prerequisites for all upper level courses approved in each term by an Advisor from the Department of Sociology.

**B.A. or B.S. in Health Services** —A sequence designed for graduates of accredited nursing schools and associate degree programs as well as other health professionals and the pre-service student who desires a challenging career. The Health Services major has a broad base in liberal arts and



sciences with credits being earned in the areas of communication skills, biological and physical sciences, social and behavioral sciences, the arts and humanities. The development of such an appropriate knowledge base may lead to admission to graduate schools of hospital administration, medical economics, medical sociology, public health, environmental health, others.

Requirements in Major	Sem. Hrs.	Restricted Electives	Sem. Hrs.
Soc. 2.11 Medical Sociology .....	3	Biology, Chemistry, and/or Physics	6
Soc. 2.12 Orientation to Health Services .....	3	Management 2.1 Principles of Management .....	3
Soc. 2.13 Critical Health Issues .....	3	Accounting 1.3 Accounting and Finance for Liberal Arts Students .....	3
Soc. 2.14 Public Health and Social Epidemiology .....	3		
Soc. 3.3 Research Methods* .....	3		
Soc. 4.40 Field Studies (Prerequisite: Soc. 3.3)** .....	4		12
Sociology Options (15 for In-service persons; 9 for Pre-service students)† .....	9-15		
	30-31		

Related Electives	Sem. Hrs.	All-College Requirements	Sem. Hrs.
Psychology, Government, History, Education, Economics, others. Selections must be approved by a Faculty Advisor. ....	12	B.A. ....	56
		B.S. ....	38

Free Electives	Sem. Hrs.
B.A. ....	12
B.S. ....	30

\*For Juniors and Seniors only. (Not required of In-service Personnel.)

\*\*For Seniors only. (Not required of In-service Personnel.)

†Related Options include: Community Mental Health, Bio-sociology, Health Care and Community Relations, Introduction to Social Work. Pre-professional Intervention, others.

Please Note: All majors in this program are restricted to 36 hours in Sociology. Additionally, students must have their course selections and prerequisites for upper level courses approved in each term by an Advisor from the Department of Sociology.

**B.S. in Human Services** — The Human Services Sequence is designed to provide students the opportunity to explore and conceptualize for themselves the career opportunities available in the delivery of human services. Students may *with the aid and approval of faculty advisors* design programs of study which cut across the distinctions of the department's special programs. Particular focus will be given to off-campus experience in *multi-service centers* so as to allow students to select a wide variety of field based settings in which to gain their practice.

<b>Requirements in Major</b>	<b>Sem. Hrs.</b>
Sociology 6.10 Human Services Methods .....	3
Sociology 6.11 Human Services Systems .....	3
Sociology 4.40 Field Studies .....	8
Sociology 3.3 Research Methods ..	3
Sociology Options* .....	18
	<hr/> 35

<b>Related Electives</b>	<b>Sem. Hrs.</b>
Psychology, Government, Economics, Education, others. Selections must .... be approved by a Faculty Advisor. ....	12

<b>Free Electives</b>	<b>Sem. Hrs.</b>
	<hr/> 32

<b>Restricted Electives</b>	<b>Sem. Hrs.</b>
Principles of Management (Mgmt. 2.1) .....	3
Accounting for Liberal Arts Students (Acct. 1.3) .....	3
	<hr/> 6

<b>All-College Requirements</b>	<b>Sem. Hrs.</b>
	<hr/> 38
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\*In this area — Students with the aid and approval of faculty advisors will design the program of study most relevant to their own interests and/or career objectives.

## Social Work and Child Welfare

The undergraduate sequences in Social Work and Child Welfare are designed to prepare students for professional practice on the Bachelor degree level, utilizing a practice model which is generic in nature: to provide career ladder opportunities within associated pre-professional units; to provide relevant educational experiences for in-service personnel in social agency, institutional, and day care settings; to offer all interested students substantial electives dealing with significant areas of the general society; and to prepare students for continuing education within graduate degree programs.

### Undergraduate Sequence in Social Work

<b>Thirty Hour Certificate</b>	<b>Sem. Hrs.</b>
Eng. 1.1-1.2 Freshman English ....	6
Soc. 1.1 Introductory Sociology ...	3
Psych. 1.1 General Psychology ....	3
Soc. 6.1 Introduction to Social Work	3
Soc. 4.24 The Pre-Professional ....	3
Soc. 6.4 Seminar in Social Work ..	3
Related Electives in Sociology, Psychology, or as suggested ....	9
	<hr/> 30

<b>Associate in Arts in Social Work</b>	<b>Sem. Hrs.</b>
Eng. 1.1-1.2 Freshman English ....	6
Soc. 1.1 Introductory Sociology ...	3
Psych. 1.1 General Psychology ....	3
Soc. 6.1 Introduction to Social Work	3
Soc. 4.24 The Pre-Professional ....	3
Soc. 6.4 Seminar in Social Work ..	3



<b>Restricted Electives</b>	<b>Sem. Hrs.</b>
Eng. 2.3 Literary Masters of England	3
Eng. 2.4 Literary Masters of America	3
Science Option .....	8
History, Humanities, Philosophy Option .....	6
Language Option .....	6
Related Electives in Sociology, Psychology, or as suggested	15
	<hr/> 62

<b>Bachelor of Arts or Bachelor of Science in Social Work</b>	<b>Sem. Hrs.</b>
Soc. 6.1 Introduction to Social Work	3
Soc. 3.3 Research Methods .....	3
Soc. 4.40 Field Studies for Social Work Majors (Prerequisite Soc. 3.3)* .....	4
Soc. 6.21-6.22 Social Work Methods I and II† .....	6
Soc. 6.31-6.32 Field Practice Seminar I and II† .....	8
Soc. 6.4 Seminar in Social Work ..	3
Sociology Option .....	3
	<hr/> 30
Related Electives in Psychology ...	12
Free Electives (24 Sem. Hrs. for A.B.; 42 for B.S.) .....	24-42
All-College Requirements (56 Sem. Hrs. for A.B.; 38 for B.S.) .....	56-38
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\*For Juniors and Seniors Only.

†These theoretical and practice segments are companion courses and are designed to be taken simultaneously.

Please Note: All majors in this program are restricted to 36 hours in Sociology. Additionally, students must have their course selections and prerequisites for all upper level courses approved in each term by an Advisor from the Department of Sociology.

## Undergraduate Sequence in Child Welfare

<b>Thirty Hour Certificate</b>	<b>Sem. Hrs.</b>
Eng. 1.1-1.2 Freshman English ....	6
Soc. 1.1 Introductory Sociology ...	3
Psych. 1.1 General Psychology ....	3
Soc. 4.20 Introduction to Child Welfare .....	3
Soc. 4.24 The Pre-Professional ....	3
Soc. 4.23 Seminar in Child Welfare	3
Related Electives in Sociology, Psychology or as suggested	9
	<hr/> 30

<b>Associate in Arts in Child Welfare</b>	<b>Sem. Hrs.</b>
Eng. 1.1-1.2 Freshman English ....	6
Soc. 1.1 Introductory Sociology ...	3
Psych. 1.1 General Psychology ....	3
Soc. 4.20 Introduction to Child Welfare .....	3
Soc. 4.24 The Pre-Professional ....	3
Soc. 4.23 Seminar in Child Welfare	3
Psych. 2.1 Child Psychology .....	3
Psych. 2.2 Psychology of Adolescence .....	3

Restricted Electives	Sem. Hrs.
Eng. 2.3 Literary Masters of England	3
Eng. 2.4 Literary Masters of America	3
Science Option .....	8
History, Humanities, or Philosophy Option .....	6
Language Option .....	6
Related Electives in Sociology, Psychology or as suggested .....	9
	62

Bachelor of Arts or Bachelor of Science in Child Welfare	Sem. Hrs.
Soc. 4.20 Introduction to Child Welfare .....	3
Soc. 3.3 Research Methods* .....	3
Soc. 4.21 Child Care Methods and Field Instruction .....	4
Soc. 6.21-6.22 Social Work Methods I and II† .....	6
Soc. 6.31-6.32 Field Practice Seminar I and II† .....	8
Soc. 4.23 Seminar in Child Welfare	3
Sociology Option .....	3
	30
Related Electives in Psychology ...	12
Free Electives (24 Sem. Hrs. for A.B., 42 for B.S.) .....	24-42
All-College Requirements (56 Sem. Hrs. for A.B., 38 for B.S.) .....	56-38
	122

\*For Juniors and Seniors only.

†These theoretical and practice segments are companion courses and are to be taken simultaneously.

Please Note: All majors in this program are restricted to 36 hours in Sociology. Additionally, students must have their course selections and prerequisites for upper level courses approved in each term by an Advisor from the Department of Sociology.





**Bachelor of Arts or Bachelor of Science Degree  
Urban Track**

As the crisis of our time would seem to be located in the urban-industrial milieu and since our culture is primarily an urban one, the understanding of the fundamental structures, processes, and problems of the urban scene are deemed requisite to a complete liberal arts education.

The urban track is designed for: (1) Those taking a major in Sociology with an emphasis in urban studies; (2) Those wishing to supplement another major by working through the urban track on an elective basis; (3) Those working in the Social Work Sequence; (4) Those working in the Crime and Delinquency Sequence.

Requirements in Major	Sem. Hrs.	Related Electives	Sem. Hrs.
Soc. 2.1 Community Development	3	May be selected from	
Soc. 4.1 Urban Social Problems and Policies .....	3	such areas as:	
Soc. 2.6 Population and the Environment .....	3	Psychology, Government, Economics, Public Relations and/or Speech	
Soc. 2.7 Social Planning and Change	3	(See the department for a	
Soc. 3.3 Research Methods .....	3	list of suggested courses). ....	12
Soc. 4.40 Field Studies .....	3	*8 term courses remain	
Sociology Options .....	12	as Free Electives .....	24-42
	30		66
		All B.A. students must take	
		56 semester Hrs. of courses in	
		All College Requirements ....	56-88
			122

Students are urged to be creative in their choice of both related and free electives. Such courses as: Chemistry of the Environment 1.3-1.4, Computer Science 2.1-2.2, Urban Economics 2.6, Afro-American Literature 4.30-4.31, Legislative Process 2.7, Public Administration 3.2-3.21, State and Local Government 3.6, and Urban Politics and Government 3.61 are strongly recommended.

Please Note: All majors in this program are restricted to 36 hours in Sociology. Additionally, students must have their course selections and prerequisites for upper level courses approved in each term by an Advisor from the Department of Sociology.

**Program Cross (Spanish-Sociology)**

The Department of Sociology cooperates with the Department of Modern Languages in a career oriented interdepartmental major known as Program Cross. This program brings together the strengths of two fields: Sociology and Spanish. The program can serve as a preparation for work with Spanish speaking populations. It essentially provides a student with knowledge and skills in the Spanish language and in a particular area of Sociology. The Cross Program consists of combining 21 hours of Spanish with 21 hours of



Sociology: the student may choose a concentration in General Sociology, in Child Welfare, Crime and Delinquency, Social Work, the Urban Track, or Health Services. In addition, the program offers students the opportunity for field experiences while the sequence of courses in Spanish is intended to provide the necessary foreign language proficiency.

Cross Courses	Sem. Hrs.	Sociology Courses	Sem. Hrs.
Spanish 2.3-2.4 .....	6	Sociology* .....	21
Spanish 2.7-2.8 .....	6		
Spanish 3.3-3.4 .....	6		
Spanish 4.5, 4.6 or 4.7 .....	3		
	<hr/> 21		<hr/> 21

\*The 21 hours of Spanish are combined with 21 hours of Sociology (including Research Methods,\*\* Field Studies, and at least one of the cultural courses offered by the department). The student has a choice of any of the sequences available in Sociology. A detailed mimeographed outline of combinations is available from the Sociology or Modern Languages Departments.

This program may be taken in the context of either the A.B. or the B.S. degree.

Please Note: All majors in this program are restricted to 21 hours in Sociology. Additionally, students must have their course selections and prerequisites for upper level courses approved in each term by an Advisor from the Sociology/Modern Languages Department.

\*\*Except for those enrolled in the Child Welfare Sequence.

## Sociology Courses

**Sociology 1.1 — Introductory Sociology.** An introduction to the sociological understanding of human groups. Basic concepts and processes such as society and role, social stratification, and conflict will be discussed in the context of U.S. society. *1 term – 3 semester hours. Normally offered yearly.*

**Sociology 2.1 — Community Development.** An investigation of the urbanization process, including historical, economic, socio-political, demographic, and ecological perspectives. Topics will include: migration, bureaucratization, housing, land use, social organization, and issues of class, race, and ethnicity. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.10 — Sociology of Mental Health.** Topics will include the social history of mental illness, epidemiological and cross-cultural approaches to mental disorder, the career of the mental patient, the functions of psychiatry in society, and types of community and social treatment. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.11 — Medical Sociology.** Focus on social factors in health, illness, death and healing. Includes analysis of the social organization of medical care: the roles of the physician and patient, the clinic and hospital, public health and preventive care. Discussion of contemporary issues and problems. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.12 — Orientation to Health Professions.** A survey of the role of allied health professions in the delivery of health care. The history and current practice of allied health professionals will be reviewed. Various health professionals will be invited to participate. *1 term – 3 semester hours. Normally offered in alternate years.*



**Sociology 2.13 — Critical Health Issues.** A course designed to focus on some of the critical issues facing our health care system. Development of real and theoretical models will be utilized to study and discuss issues. Topic agenda is open. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.14 — Health Care Administration.** A study of some of the current philosophy and practice relating to health services administration. Class discussion, a semester project relating to a clinical setting, and significant guest lecturers will be included in the course format. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.15 — Public Health and Social Epidemiology.** Class emphasis will center on the sociopsychologic factors relating to current public health attitudes and programs. Discussion will include significant factors effecting the societal goal of a healthy and adjusted population. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.2 — Sociology of Law.** A macrosociological treatment of the law as a social institution. Emphasis will be upon the manner in which the social composition of legal systems influences their performance and position within the general culture. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.21 — The Role of the Lawyer.** A microsociological attempt to construct a behavioral profile for the status position of the attorney in American society, emphasizing selected aspects of role theory and socio-economic data. *1 term – 3 semester hours. Normally offered every third year.*

**Sociology 2.3 — Cultural Anthropology.** The evolution and construction of culture will be presented with an emphasis on the continuities and variances in the cultural matrices. Man will be traced from his most simple social context through the evolution of more complex cultures. *1 term – 3 semester hours. Normally offered yearly.*

**Sociology 2.35 — Sociology of Deviance.** Deviant behavior will be analyzed in terms of socialization, deviant roles and identities, social control, and other social processes. Various forms of deviance will be discussed primarily from the societal reaction perspective. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.4 — Introduction to Physical Anthropology.** The origin and development of man and culture will be traced, beginning with the Glacial periods, continuing through Stone Age cultures in Europe and the New World, and concluding with the ecological patterning of early cities. *1 term – 3 semester hours. Normally offered yearly.*

**Sociology 2.41 — Cultural Ecology.** A presentation of interactions of people, culture, and nature, focusing on the effects of environment, on populations and the social cultural adaptations of those populations. Cross-cultural, historical, developmental and philosophical approaches to cultural ecology. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.42 — Medical Anthropology.** An analysis of a system of health, curing and disease. The course will focus on the interaction between Western and nonwestern medical systems and the relationship of medical beliefs to other areas of culture. *1 term – 3 semester hours. Normally offered in alternate years.*



**Sociology 2.5—Sociology of Minorities.** Investigates both the traditional and contemporary issues in the study of race and ethnic relations in America. Emphasis is placed on intergroup relations as they reflect and are reflected by social organization. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.50—Spanish Speaking Minorities in the U.S.** A look at the cultural background of Hispanics in Boston. Modes of adaptation, acculturation, and assimilation will be studied through the use of lectures, speakers, presentations and audio-visual materials. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.51—Cultural Roots of Selected Latin American countries.** Roots of culture in several Latin American countries and their significance for the assimilation of Latin Americans in the U.S. Lectures, guest speakers, group presentations, interviews and audio-visual materials will be utilized. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.52—Consequences of Stratification in Selected Latin American Countries.** Latin stratification in selected Latin American countries and the U.S. and the effect on adjustment of Latin Americans within the U.S. Use of lectures, speakers, presentations, interviews and/or field work, and audio-visual materials. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.53—The Latin Family and the State.** Interaction between the Hispanic family and U.S. institutions. The effects of this interaction on the adjustment of Latin Americans will be explored through the use of lectures, speakers, group presentations, and/or field visits. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.6—Population and the Environment.** Analysis of demographic factors as they relate to various social and environmental problems. Complexities and controversies of current theories will be noted and discussed. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.7—Social Planning and Change.** Theories of social change. Strategies of planned change. The nature of client systems and interventions. Problems of planning and change. Planning and change in the major institutional sub-systems in the United States with special emphasis on urban areas. *1 term – 3 semester hours. Normally offered every third year.*

**Sociology 2.71—Sociology of Revolution.** The emphasis in this course is on the phenomena of revolution as a particular form of social change. Sociological concepts, theories and data about revolutions will be discussed. Special emphasis will be placed upon groups, social classes, and social movements involved in the revolutionary process. Consideration will be given to the French and American revolutions of the eighteenth century and to the Mexican, Russian, Chinese and Cuban revolutions of the twentieth century. *1 term – 3 semester hours. Normally offered every 3rd year.*

**Sociology 2.8—Political Sociology.** Consideration of the consequences of political structure. Special attention will be given to the political economy of the U.S., Capitalism, the role of elites, sources of resistance and strategies of change, internally and the Third World. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 2.9—Women in Contemporary Society.** A critical analysis of theory and research related to the socialization, roles, and social participation of women in contemporary society. *1 term – 3 semester hours. Normally offered yearly.*



**Sociology 2.91 — Women and Social Change.** Theories of social change and social movements, as they pertain to women. Historical review of changes in the status of women. 1 term – 3 semester hours. Normally offered in alternate years.

**Sociology 3.0 — History of Crime and Correction.** A survey of the correctional field covering an historic development of probation, institutional treatment, and parole; problems of administration and current innovations. 1 term – 3 semester hours. Normally offered in alternate years.

**Sociology 3.1 — Marriage and Family Living.** Recent changes in early marital adjustment, communication, money, working wife, sex, and in-law problems. Factors conducive to family tension, desertion, and divorce. 1 term – 3 semester hours. Normally offered in alternate years.

**Sociology 3.2 — Principles of Criminology.** Theories of criminal behavior. Categories of offenses and offenders, organized criminal enterprises and white collar criminals. Relation of courts, legislatures, and communities to police, prisons, and programs of prevention and control. 1 term – 3 semester hours. Normally offered yearly.

**Sociology 3.21 — Administration of Justice.** Investigates the historical background of law enforcement; the role of law enforcement agencies in the federal, county, and municipal level; the correctional services and the courts and selected issues in the sociology of justice administration. 1 term – 3 semester hours. Normally offered yearly.

**Sociology 3.22 — Criminal Law.** A general treatment of the social origins, philosophy of and consequences resulting from law, legal process, and social change. 1 term – 3 semester hours. Normally offered yearly.

**Sociology 3.23 — Penology.** Processes through which the apprehended offender passes: arrest, detention, probation, incarceration, and parole. Critical evaluation of contemporary correctional research and theory. 1 term – 3 semester hours. Normally offered every third year.

**Sociology 3.24 — Juvenile Delinquency.** Theories of delinquent causation: delinquency as an individual and social problem; law enforcement and the juvenile courts; problems of prevention, treatment and rehabilitation. 1 term – 3 semester hours. Normally offered yearly.

**Sociology 3.26 — Sociology of Police.** An analysis of municipal police departments and their social origins and history. Consideration will be given to such topics as: types of police behavior, models of formal and informal organization; present trends in professionalization, etc. 1 term – 3 semester hours. Normally offered in alternate years.

**Sociology 3.3 — Research Methods in Sociology.** An introduction to the principal methods associated with sociological research. Design alternatives and measurement techniques will be encountered through research literature, together with field and laboratory exercises. 1 term – 3 semester hours. Normally offered yearly.

**Sociology 3.5 — Social Stratification in the Modern World.** A study of the nature and function of the social stratification system. Indicators of social class; symbols, ranking, and rating. Class interests, consciousness, and organization. An analysis of the processes of social mobility, socialization and social change. 1 term – 3 semester hours. Normally offered in alternate years.



**Sociology 3.6 — Industrial Sociology.** An examination of industrialization from three perspectives: the organization of industry, world-wide industrial change, and the nature of industrial society. Changing group structures, labor unions, personal and community consequences of industrialization will be studied. *1 term – 3 semester hours. Normally offered yearly.*

**Sociology 3.7 — Social Theory.** An examination and comparison of the major theoretical approaches in contemporary sociology. Attention will be given to the current debate about issues like scientism, conflict, consensus, and values and the continuity of social thought. *Prerequisite: 6 semester hours of Sociology or consent of instructor. 1 term – 3 semester hours. Normally offered yearly.*

**Sociology 3.8 — Seminar in Crime and Delinquency.** Analysis and interpretation of empirical and theoretical issues in Criminology and Delinquency studies. Topic areas include: classical and modern theory, etiology, criminal justice processes and selected issues in the sociology of law. *Prerequisites: Soc. 3.2 and 3.24. 1 term – 3 semester hours. Normally offered yearly.*

**Sociology 3.9 — Sociology of Death and Dying.** 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, humorous and artistic interpretations. *1 term – 3 semester hours. Normally offered every third year.*

**Sociology 4.1 — Urban Social Problems and Policies.** This course introduces basic content and issues pertaining to social welfare problems, policies and programs. The course will explore the theoretical, political and value assumptions upon which such programs and policies rest. *Prerequisite: 6 semester hours of Sociology or consent of instructor. 1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 4.20 — Introduction to Child Welfare.** A survey of the historical development, and current composition of services for children, including income maintenance, day care, foster and institutional care, and the adoption process. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 4.21 — Child Care Methods and Field Instruction.** The principles, methods, and techniques associated with the practice of child care will be presented in conjunction with an eight (8) hour per week field instruction program within an appropriate agency. *1 term – 4 semester hours. Normally offered in alternate years.*

**Sociology 4.23 — Seminar in Child Welfare.** Contemporary issues and problems associated with the field of child welfare, including its relationship with other human services delivery systems, will be explored within an atmosphere of small-group discussion and independent study. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 4.24 — The Pre-Professional.** Utilizing the career ladder concept, the responsibilities, privileges, and contributions of selected helping relationship positions below the bachelor degree level are explored and discussed. Participant observation within appropriate field settings will be arranged. *1 term – 3 semester hours. Normally offered every third year.*

**Sociology 4.3 — Analysis of Social Problems.** Social problems affecting contemporary U.S. society will be examined. The operation of the total society that causes problems will be



analyzed, and differing ideological views on economic inequality, power, alienation, and solutions will be discussed. *Prerequisite: 6 semester hours of Sociology or consent of instructor. Normally offered in alternate years.*

**Sociology 4.30 — The Sociology of Violence.** The description and analysis of violence in contemporary America. The course will explore the historical and psychosocial roots in political and personal violence. *Prerequisites: Soc. 1.1 and any other 3 credit Sociology course. 1 term – 3 semester hours. Normally offered every third year.*

**Sociology 4.40 — Field Studies.** Students are assigned to field practice on the basis of interest with considerable emphasis being placed on a research project. Through this experience, it is expected that they will learn to “see” patterns in the on-going social life around them. Limited to Sociology Majors with Junior or Senior standing. This course must be taken by students enrolled in the Social Work sequence. *Prerequisite: Soc. 3.3. 1 term – 4 semester hours. Normally offered yearly.*

**Sociology 4.5 — Culture and Personality.** A study of the social and cultural aspects of personality structure and development with special emphasis on empirical studies and cross-cultural comparisons. *1 term – 3 semester hours. Normally offered every third year.*

**Sociology 4.6 — History of Sociological Thought.** A survey of the main currents in the history of sociological thought, from antiquity to the present. Emphasis will be placed upon European influence, American founding fathers and the formative period following the First World War. *Prerequisite: 6 semester hours of Sociology or consent of instructor. 1 term – 3 semester hours. Normally offered every third year.*

**Sociology 4.7 — Critical Issues in Modern Religious Thought.** An examination of religious experience and religious institutions in general together with a survey of some of the insights of religious critics and perceptive religious thinkers concerning traditional beliefs which are being abandoned or radically altered at present. *1 term – 3 semester hours. Normally offered every third year.*

**Sociology 4.8 — The Elderly: Problems and Prospects.** A consideration of the physiological, psychological, and social factors associated with the aging process. The main theme is an analysis of current opportunities and techniques enabling the elderly to enrich and explore their societal roles. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 4.9 — Biosociology.** A comparison of sociological and biological approaches to human and animal behavior. Topics include: evolution, instinct, territoriality, aggression, community cooperation, division of labor, the biology and psychology of sex differences, biological engineering and behavior control. *Prerequisite: 6 semester hours of Sociology or consent of instructor. Normally offered in alternate years.*

**Sociology 5 — Studies in Sociology.** Members of the department will hold conference hours with students and will direct their readings in areas of sociological research which may be of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon recommendation of the Department Chairman. Limited to Juniors and Seniors. *Normally offered yearly.*

**Sociology 5H — Honors Program in Sociology.** Members of the Department will hold conference hours with students who are candidates for Honors and will direct their reading in



areas which may be of special interest to them. In addition, students will be required to participate in a research project, survey the literature related to the research, and give project reports. Limited to Juniors and Seniors. *Normally offered yearly.*

**Sociology 6.1 — Introduction to Social Work.** The major value orientations, service systems, and methods of practice associated with professional social work will be presented in the light of their historical development and position within the context of American culture. *1 term – 3 semester hours. Normally offered yearly.*

**Sociology 6.10 — Human Services Methods.** Utilizing the total environmental approach, traditional elements of role theory will be expanded, refined, and combined with accepted social intervention techniques, to provide a basic model for the generalist practitioner in the helping professions. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 6.11 — Human Services Systems.** Employing a small-system approach, microsociological components will be formed into a general design, from which particular human services delivery systems may be comprehensively examined in terms of their objectives, composition, and performance. *1 term – 3 semester hours. Normally offered in alternate years.*

**Sociology 6.21 and 6.22 — Social Work Methods I and II.** In this theoretical segment of the methods component, the major value orientations, basic concepts, theories and skills employed in social work practice are offered. The three major methods, casework, group work and community organization are presented using a systems-ecological approach as a conceptual framework. *2 terms – 6 semester hours. Normally offered yearly.*

**Sociology 6.31-6.32 — Field Practice Seminar I and II.** In this practice segment of the methods component, students are required to spend eight (8) hours per week in an agency setting. Utilizing a small-group discussion format, an attempt is made to achieve maximum integration and application of concepts identified and explained in the theoretical segment. *2 terms – 8 semester hours. Normally offered yearly.*

**Sociology 6.4 — Seminar in Social Work.** Contemporary issues and problems associated with professional social work, and its position within the human services systems matrix, will be explored within an atmosphere of small-group discussion and independent study. *1 term – 3 semester hours. Normally offered yearly.*

**Sociology 6.5 — Alcoholism in American Society.** Some of the social factors involved in identifying, treating, and controlling alcoholism. Conflicts and problems in current theories and programs. *1 term – 3 semester hours. Normally offered every third year.*

## SPANISH

Department of Modern Languages — *Professors:* Boudreau (Chairman), Fehrer; *Associate Professors:* Fang, Hastings, Chiasson, Mendez-Herrera; *Assistant Professor:* Ledesma.

Major requirements for the Bachelor's degree in Spanish are satisfied by successful completion of 30 hours of course work in Spanish, including Survey of Hispanic Literatures, and Advanced Conversation.



Courses in Elementary Spanish may not be credited toward the major in Spanish.

Spanish majors who plan to teach are urged to complete at least 12 hours in another foreign language.

Courses offered in Spanish combine readily with B.A. and B.S. programs in other fields of concentration, particularly Business Administration, Education, English, Humanities, Journalism and Philosophy. Spanish language skills in any of these areas enhance career possibilities in government agencies, publishing houses, tourism, import-export houses and American firms abroad, and teaching.

Examples of the career orientation of the Spanish offerings are: (a) Program Cross (Sociology-Spanish), which combines 21 hours of selected courses in Spanish, and an equal number in Sociology. See pp. 154-155 for full description. Program Cross lays the foundation for a career in Social Service, or Social Service Administration, and (b), Bilingual Journalism, which combines a Journalism Major program with 18 hours of Spanish. This program provides the foreign language skills necessary for gathering and processing of news data in Spanish. See page 125 for full description. A similar program is available in French.

Courses in Spanish subjects offered in English provide ready access to the Spanish-speaking world, its literatures and its diverse cultures around the globe. No foreign language preparation is required.

Credit is awarded in Elementary Spanish only upon successful completion of both semesters of the course within one academic year. In Intermediate Spanish, if a student postpones taking the second semester of the course, he or she shall ordinarily be required to repeat the first semester.

## Spanish Courses

**Spanish 1.1-1.2 — Elementary Spanish for the Humanities.** The essential features of Spanish pronunciation, grammar and morphological structure, with extensive practice in their oral use. Readings and discussion in Spanish. Intended for students who want reasonable command of a second language as an instrument for further work in the Humanities. Two laboratory sessions per week. Students normally proceed to Spanish 2.1-2.2 the following year. *2 terms — 6 semester hours. Offered every year.*

**Spanish 1.3-1.4 — Elementary Practical Spanish.** The essential features of Spanish pronunciation, grammar and morphological structure, with practice in their oral use. Reading and discussion of simplified Spanish texts on general subjects selected from historical and contemporary sources. Intended for students who feel that a second language is of instrumental value toward achievement in the Social Sciences, and, where applicable, in the Natural Sciences. Two language laboratory sessions per week. Students normally proceed to Spanish 2.3-2.4 the following year. *2 terms — 6 semester hours. Offered every year.*



**Spanish 2.1-2.2 — Spanish for the Humanities.** Reading and discussion in Spanish of a wide range of selections from Spanish and Latin American literature of the contemporary period, with a particular view toward providing a meaningful experience for students interested in the humanities. Extensive written and oral composition assignments. Students in need of structural or vocabulary review will be required to repeat Spanish 1.1-1.2. *Prerequisite: Span. 1.1-1.2 or instructor's permission. 2 terms – 6 semester hours. Offered every year.*

**Spanish 2.3-2.4 — Functional Spanish.** A wide range of readings from the social history of Spain, the Caribbean nations and Mexico, with particular emphasis upon the historical and contemporary relationship between those nations and the United States. Discussion in Spanish. Extensive written and oral composition. Students in need of extensive structural or vocabulary review will be required to repeat Spanish 1.3-1.4. *Prerequisite: Span. 1.3-1.4 or instructor's permission. 2 terms – 6 semester hours. Offered every year.*

**Spanish 2.7-2.8 — Themes of Hispanic Culture.** A scrutiny of the tangible contributions of Spanish-speaking peoples to notable endeavors of the Western world in Art, Political Theory, Religion and Conquest. Abundant use of audio-visual materials. Discussion-type classes conducted in Spanish. Especially recommended for pre-professional needs. *Prerequisite: Intermediate Spanish or equivalent. 2 terms – 6 semester hours. Offered every year.*

**Spanish 3.1 — Survey of Hispanic Literatures: I.** Thematic consideration of two significant periods of great literary output in Spain and Latin America: Spain 1500-1700, "The Greatest of Empires"; Spanish Colonies 1600-1850, "The Janus Syndrome." Conducted in Spanish. *Prerequisite: Intermediate Spanish. 1 term – 3 semester hours. Offered every year.*

**Spanish 3.2 — Survey of Hispanic Literatures: II.** Thematic consideration of two significant periods of great literary output in Spain and Latin America: Spain 1800-1970, "These Fierce Stones"; Latin America 1850-1970, "The Condor Passes." Conducted in Spanish. *Prerequisite: Intermediate Spanish. 1 term – 3 semester hours. Offered every year.*

**Spanish 3.3-3.4 — Advanced Conversation.** Vocabulary building, normalization of pronunciation, development of conversational skills through a program of group discussions on subjects of interest to students enrolled. Emphasis on the Spanish of Latin America. *2 terms – 6 semester hours. Offered every year.*

**Spanish 3.5 — Island Cultures of the Caribbean.** An area studies course that brings together the geography, social history, art and literature of the island nations of Puerto Rico, Cuba and the Dominican Republic. Extensive use of audio-visual materials. Discussion-type classes, conducted in English. Texts in translation. Especially recommended for the needs of educators, administrators and social workers. *3 semester hours. Offered every third year.*

**Spanish 3.6 — The Spanish Heritage in North America.** Great Spanish explorers of the American South and West: DeSoto, Cortez, Elcano. Spanish borderland settlements from Florida to Oregon, and their cultural legacy. Discovery and conquest of the American industrial city. Values, social structure, language and literature of Spanish-speaking Americans. Conducted in English; texts in translation. *3 semester hours. Offered every third year.*

**Spanish 4.1 — Lazarillo, Don Quijote and Don Juan.** Three views of the world from Spain's Golden Age, assembled out of the deeds and words of three remarkable literary characters, with some consideration of the fortunes of these constructs in later times and other lands. Discussion-type classes, conducted in English. *No prerequisite. 3 semester hours. Offered in fall term, 1976, and every third year.*



**Spanish 4.2 — Social Literature of Latin America.** Readings and discussions of social and political essays that have given shape to nations of Central and South America, from Sarmiento to the Cuban Marxists. Consideration also given to significant literary works on social themes. Conducted in English; texts in translation. *No prerequisite. 3 semester hours. Offered every third year.*

**Spanish 4.3 — Masterpieces of the Spanish Theater.** Readings from the great dramas of Hispanism, including works of Lope de Vega, Calderon, Zorilla, Lorca, Sastre and Casona. Conducted in English; texts in translation. *No prerequisite. 3 semester hours. Given every third year.*

**Spanish 4.4 — Modern Latin American Literature.** A survey of literary works of the twentieth century; prose fiction, drama and poetry, of several Latin American countries. Readings selected with a view toward illustration of the main intellectual currents that have emerged in Latin America in the twentieth century. Conducted in English; texts in translation. *No prerequisite. 3 semester hours. Offered every third year.*

**Program CROSS —** The Department of Modern Languages cooperates with the Department of Sociology in a career oriented interdepartmental major program (Program CROSS), which includes 21 hours of Sociology courses and 21 hours of Spanish. See pp. 154-155 for full description of this program.

# Graduate Degree Programs

**Purpose and General Requirements** — The Graduate Programs of Suffolk University offer advanced study for students who have bachelor's degrees from the University or from other approved educational institutions. Classes are scheduled in the Day and Evening Divisions.

A requirement for the status of degree candidate at the graduate level is an undergraduate program of study equivalent to either the A.B. or B.S. degree (in the case of A.M. in Education, Ed.M., M.S. in Business Education, or M.S. in Counselor Education candidates).

The purpose of the Graduate Programs is to offer facilities for advanced study and research so that the students may receive a comprehensive view of the field of knowledge in which they are working. Here, also, students may acquire the technique needed for independent investigation in their fields of interest. The Graduate Programs furnish advanced preparation for those who are planning to become teachers of academic subjects and specialists in education.

Candidates for the master's degree must complete a program of study approved by their major department head, their faculty advisor, and their dean, within five years after the start of graduate course work. Candidates for the master's degree must complete all courses with grades of A, B, or C for credit. An average of B is required for graduation. That is, each C grade must be offset by an A grade in another course. A maximum of five years is the limit for completion of part-time or interrupted master's programs.

*Each degree candidate must file an application for the award of his degrees on official forms at the Registrar's Office at the beginning of his final semester.*



**Major Fields of Study** — The Department of Education offers courses leading to the degrees of M.A. in Education, Master in Education, M.S. in Business Education and M.S. in Counselor Education.

Graduate courses in business administration, public administration, and other subjects may be applied to the graduate education degrees at Suffolk University, subject to the approval of the Chairman of the Department of Education. Students who wish to transfer graduate credit to another university should obtain the prior approval of their dean.

As circumstances warrant it and should sufficient demand arise, graduate work will be offered in other departments.

**Admission and Registration Regulations** — A prospective student seeking admission to the Graduate Program should proceed as follows:

Each applicant must file an application form and have transcripts from all other colleges attended sent directly to the Admissions Office.

A Suffolk University undergraduate who is certified by the registrar as needing nine semester hours or less to meet his degree requirements may be granted permission by the graduate committee to pre-register for graduate credit in a limited number of courses, provided he meets all of the other admission requirements. In no case should the student thus registered enroll in more than a total of five courses.

Applicants for admission to the Masters Degree Programs in Counselor Education or the Ed.M. in Reading Specialization are required to submit their scores from the Miller Analogies Test prior to admittance to graduate study. It is recommended that candidates for full-time study in the Counselor Education Program arrange for an interview with a member of the Counselor Education Faculty. The application deadline for Counselor Education is April 1.

**Transfer Credits** — Six semester hours of graduate residence credits of B quality or better are the maximum amount of advanced standing credits that can be accepted for work completed at other approved institutions. Under no circumstance will extension work, or courses by correspondence, from other institutions be accepted.

**Special Non-Degree Graduate Student Status** — Students may elect to take graduate courses in education without applying for degree status in any of the several programs. Should such students subsequently apply for degree status a maximum of two courses or six semester hours earned while in the status of a special student will be accepted and applied to the requirements



of the degree. Students who apply for degree status and for any reason are not granted such status will be placed in the category of probationary student. Such students must take two courses recommended in the program to which they have applied, and their application for degree status will be re-evaluated by the Office of Admissions and the Department of Education after the successful completion of these two courses with grades of B or better. These two courses must be completed within one academic year of the time the candidate begins his study. Special non-degree graduate students in Counselor Education should consult that section of this catalogue in which the Counselor Education is described.

## GRADUATE PROGRAMS IN EDUCATION

Department of Education — *Professors:* Unger (Chairman), Lewandowski; *Associate Professors:* Bates, Burton, Eskedal, S. Mahoney, McCarthy, Visco, Winters; *Assistant Professors:* Jennings, Mishara, Sartwell, Shatkin, Stefaney; *Lecturers:* Adams, Ash, Barker, Batalis, Bowman, Cahalane, Chase, Connor, DeIulio, DiLoretto, Evans, Feintech, Graceff, Hudson, Hurwitz, Kearns, Leary, Luther, Quintiliani, Rabin, Santeusanio, Toto, Walsh.

### Admissions

The College of Liberal Arts offers the following graduate degrees: A.M. in Education (Elementary Education and Secondary Education); Ed.M. (Counselor Education, Early Childhood Education, Educational Administration and Supervision, Foundations of Education, General Purposes, Reading Specialization, Special Education); M.S. in Counselor Education; and, M.S. in Business Education.

Applicants are required to submit two letters of recommendation and college transcript(s). Applicants for either the Ed.M. or M.S. in Counselor Education and the Ed.M. in Reading Specialization are required to submit the score from the Miller Analogies Test before degree candidacy can be conferred.

### Requirements for Graduate Degrees in Education

The completion of a minimum of thirty to thirty-six hours of graduate work is required. Any grade less than a B (but not less than a C) must be offset by the appropriate honor grade in order to maintain graduate degree candidacy. Continuance of degree candidacy status requires that only a maximum of two grades less than B may be offset in this manner. Should a student earn a third C grade his or her continuance in a graduate program is contingent upon the review of the Committee on Admission and Retention, with a recommendation from the appropriate Program Director. (These require-



ments reflect changes in the grading system effective January 1, 1976 and apply to students matriculated on or after that date. Students matriculated before January, 1976 should consult the catalog in effect at the time of their admission.) The Department wishes to emphasize that it reserves the right to require the withdrawal of a student from a graduate program if in its estimation the probability of his success is doubtful. Such factors as academic performance, interest, effort and personality enter into the judgment.

The A.M. in Education is offered for inexperienced candidates in Elementary Education and in Secondary Education. The Ed.M. is offered in Administration and Supervision, Counselor Education (school counseling), Early Childhood Education, Foundations of Education, Reading Specialization and Special Education. An Ed.M. degree in general purposes, not directly related to fulfilling state certification in public education, is also available. In addition, the Department offers the M.S. in Counselor Education (community agency counseling) and the M.S. in Business Education.

### **A.M. in Elementary Education**

**I. Objectives of the Program** — The graduate program is designed to prepare the inexperienced candidate for a variety of elementary school settings. The candidate receives training in teaching competencies, curriculum principles and cultural foundations similar to that provided for the undergraduate student, but there is an additional requirement of an in depth project or field experience for each course. The intent of such a requirement is to give each graduate student the opportunity to apply principles basic to effective teaching and learning with greater resourcefulness than might be expected of undergraduates. The successful graduate student, then, should be able to differentiate among students' varying abilities and interests and to design appropriate activities and materials.

**II. General Description of the Program** — Candidates for the Master of Arts in Education degree can generally expect to complete the minimum degree requirements of 32-35 semester hours in one academic year and one summer session of full-time study. Some of the work may be undertaken on a part-time basis, but it should be noted that all required courses and restricted electives (except the Seminar in Elementary Education) must be completed in order to qualify for student teaching. Successful completion of all of these required courses with a minimum grade of B is expected. While a C grade may be balanced by an A in another course, this does not apply to Education 4.20 — Student Teaching, in which the minimum satisfactory grade for an A.M. candidate is B. Degree candidates are advised to consult

with Professor Robert M. Bates, Program Director, upon notification of acceptance.

**III. Program of Studies** — A 32-35 semester hour minimum program would include seven or eight courses, depending on the student's previous background, plus student teaching (Education 4.20). The following is a typical sequence:

*Summer*

Education 3.2 (unless previous credit has been earned in educational psychology, child psychology or human development)  
Education 4.26

*Fall*

Education 4.12  
Education 4.10-4.11  
Education 4.13  
Education 4.26  
Education 5.23\*

*Spring*

Education 4.20  
Elective in the Foundations of Education

\*Education 4.14 may be substituted where necessary.

It should be noted that a graduate student should enroll during the summer session or the fall semester in order to complete the necessary courses within one year.

## **A.M. in Secondary Education**

**I. Objectives of the Program** — The Master of Arts in Secondary Education program is designed to provide candidates who have no teaching experience with the professional and academic preparation necessary effectively to guide learning activities in the secondary school. Since this program is designed for candidates whose introduction to the field of education is subsequent to the acquisition of the baccalaureate, the concentration in professional studies is both extensive and intensive, with opportunity to extend the depth and breadth of candidates' subject area mastery being afforded through the available electives. While graduate students are required to do academic work of greater extent, depth, and complexity than that required of undergraduates, the competencies expected of candidates for the Master of Arts in Secondary Education are similar to those expected of undergraduates who contemplate a teaching career. These competencies include the abilities necessary to be able to identify and evaluate the major theoretical and practical problems confronting contemporary educators as well as the major systematic approaches to solving them, to utilize general classroom skills and procedures, to integrate these in a teaching style



appropriate to the strengths of the individual and the demands of the setting and subject matter, to plan units of curriculum and translate them into effective learning experiences, to assess and ameliorate such reading difficulties as militate against pupil progress, to appraise individual differences and modify instructional strategies to account for them, and to evaluate pupil performance.

**II. General Description of the Program** — Candidates for the Master of Arts in Education degree can generally expect to complete their degree requirements in one year of full time study, although a longer period of time can be taken on a part-time basis. A minimum program would involve 32 semester hours of credit. Transcript evaluation may suggest additional subject matter course work. Degree candidates are advised to consult with Professor Robert M. Bates, Program Director, at all stages of their progress.

### **III. Program of Studies**

#### **Required Courses:**

**24 hours**

Philosophy of Education: Teacher As Philosopher

Methods of Teaching: Secondary Education, Classroom Interaction and Group Management

Methods of Teaching: Development of Teaching Competencies in the Secondary School

Reading and Study Skills in Secondary Content Areas

American Secondary Schooling

Student Teaching

Application for student teaching may be made by graduate students in Secondary Education after completion and/or enrollment in 12 semester hours of course work (to include six semester hours of secondary methods and curricula) . . . see section dealing with special regulations concerning student teaching.

#### **Unrestricted Electives:**

**6 hours**

Candidates are encouraged to enroll in courses in Foundations of Education or in their teaching field.

**IV. —** A vital and required activity for all students in the secondary graduate program consists of enrollment in the course American Secondary Schooling. American Secondary Schooling may be elected **ONLY** by candidates in either the Master of Arts in Education degree program or in the Ed.M. in Foundations of Education degree program.

**V. Massachusetts Certification** — Applicants for Massachusetts certification must present evidence of American citizenship, good health, sound moral character and possession of a bachelor's degree. In addition, 12



semester hours are required in education courses, including not less than two semester hours (120 clock hours) of credit in Student Teaching. At least two of the following courses must also be completed: Education Psychology (including Adolescent Growth and Development), Philosophy of Education, Methods and Materials in Secondary Education and Curriculum Development in Secondary Education. At least 18 hours of course work in the major field and nine in a minor field are required.

**VI.** — During the semester prior to anticipated graduation, students should register with the Suffolk University Placement Service.

## **Master's Degrees in Counselor Education**

**I. Objectives of the Program** — The program leading to the Master of Education degree in Counseling is designed to train students to function effectively as counselors in public and private schools. The program leading to the Master of Science degree in Counselor Education is designed to train students to function effectively as counselors in community agencies.

Such effective functioning requires a broad understanding of the educational framework in today's society and the dynamics of human behavior within this framework. It demands a high level of training not only in counseling and consulting skills, but also in research design. The ability to work with people in a variety of situations must be cultivated to a high degree. During the course of his training experience, the prospective counselor will be expected to engage in an intensive period of self-examination, in order to become keenly aware of his own needs and personality structure and how they relate to his motivation for entering the field of counseling. Through systematic completion of the curriculum, the students will have a competency base from which to perform effectively as counselors.

**II. General Description of the Program** — Candidates for the Masters Degrees in Counseling can generally be expected to complete their degree requirements in three semesters of full-time study, although a longer period of time can be taken on a part-time basis. Candidates in Counselor Education who matriculate in September or in June can normally complete the program in two semesters and a summer session. Those candidates who matriculate in January, however, should plan a minimum of three regular academic semesters of residence in order to fulfill proper course sequences. A minimum program involves 36 semester hours of work, depending on undergraduate preparation. All special non-degree students in Counselor Education wishing to apply for degree status must have an interview with a member of the Counselor Education Faculty prior to acceptance. Degree



candidates are advised to consult with members of the faculty of the Counselor Education Program at all stages of their progress. The Director of the Program is Professor Glen A. Eskedal.

**III. Program of Studies** — Candidates for the Master degrees in Counseling may elect either Track A (School Counseling) or Track B (Community Agency Counseling) for their program of study. The following is a list of courses offered within the Counselor Education Program (denoting courses by track):

**TRACK A — SECONDARY SCHOOL COUNSELING**

**Required Courses:**

**24 Sem. Hrs.**

Education 6.5 — Introduction to Personnel Services  
 Education 6.6 — Counseling: Theory & Practice  
 Education 6.7 — Psychology of Vocational Development  
 Education 6.20 — Clinical Practice I  
 Education 6.21 — Clinical Practice II  
 Education 7.12 — Psychological Tests in Counseling  
 Education 7.17 — Methods of Educational Research: Statistics  
 Elective in Historical and/or Social Foundations of Education

**TRACK B — COMMUNITY AGENCY COUNSELING**

**Required Courses:**

**21 Sem. Hrs.**

Education 6.6 — Counseling: Theory & Practice  
 Education 6.7 — Psychology of Vocational Development  
 Education 6.20 — Clinical Practice I  
 Education 6.21 — Clinical Practice II  
 Education 7.12 — Psychological Tests in Counseling  
 Education 7.15 — Psychopathology  
 Education 7.17 — Methods of Educational Research: Statistics

**Restricted Electives: Track A & B**

**12-15 Sem. Hrs.**

Education 6.2 — Seminar in Career Development  
 Education 6.4 — Organization & Administration of School Counseling  
 Education 6.5 — Introduction to Personnel Services  
 Education 6.12 — Psychology of the Young Adult  
 Education 6.13 — Seminar in Community Mental Health  
 Education 6.16 — The Counselor and Special Need Student  
 Education 6.17 — Parent Counseling  
 Education 6.18 — Drugs and Society  
 Education 6.19 — Rehabilitation Counseling  
 Education 7.13 — Individual Intelligence Tests  
 Education 7.14 — Seminar in Group Counseling  
 Education 7.15 — Psychopathology  
 Education 7.16 — Consultation  
 Education 7.11 — Seminar in Counseling Psychology

(Course work in related disciplines may be elected subject to approval of faculty advisor.)

**IV. Clinical Practice Experience** — Competence in counseling skills is acquired during the Clinical Practice experience. It is during this time that a student, fully admitted into the program, demonstrates ability to translate training into professional judgments and techniques. During this part of training the provision of earning a C grade that may be offset by an A grade does not apply. Clinical Practice must be completed with a grade of no less than B. Unsatisfactory performance during Clinical Practice I results in the following options for the student:

- 1) Appeal to the Committee on Admission and Retention of the Department of Education for the right to continue into Clinical Practice II.
- 2) Repeat Clinical Practice I.

**V. Massachusetts Certification** — Graduates who wish to be employed as counselors in the public schools of Massachusetts must apply directly to the State Department of Education for certification; possession of the Ed.M. in Counseling is not sufficient. Requirements for certification:

*PLAN A*

1. Massachusetts teacher's certificate.
2. Evidence of a minimum of twenty-seven semester hours in guidance and/or counseling, including the areas:
  - a) Introduction to Personnel Services
  - b) Counseling: Theory and Practice
  - c) Psychology of Vocational Development
  - d) Psychological Tests in Counseling
  - e) Clinical Practice I & II in a school setting.
  - f) The remaining credits earned in the behavioral sciences

or

*PLAN B*

A Master's or higher earned degree from an accredited or approved college or university with a major in guidance and/or counseling which includes a supervised practicum (in a school setting).

Students in Track A who have not satisfied the course requirements (including student teaching) for teacher certification must complete such courses in addition to the 36 semester hours required as part of the Master's Program in Counselor Education. Those students in the Counselor Education Program who plan to student teach must have a minimum of 24 semester hours of credit in the selected teaching area.



**VI. Placement Services** — During the semester prior to anticipated graduation, students should register with the Suffolk University Placement Service. A registration packet can be obtained directly from the Placement Office. Although the student's own initiative will be a major factor in obtaining a position as a counselor, the assistance that can be rendered through the Placement Office should not be overlooked.

## **Ed.M. in Foundations of Education**

**I. Objectives of the Program** — The program leading to a Master of Education degree in Foundations of Education is intended for those who wish to extend their knowledge and competencies in the historical, philosophical and socio-cultural foundations of education in order to assess present and anticipated educational configurations. It proposes to provide practitioners with the skills necessary to improve their professional performance through insight into the theoretical bases of education. Likewise, it aims to provide preparation for certificate or doctoral study for those wishing to pursue studies at advanced graduate levels. Persons who are neither practitioners nor aiming for advanced graduate study, but who are interested in developing their understanding of education the better to understand and affect educational policy, will find this program rewarding.

**II. Description of the Program** — Candidates for the M.Ed. in Foundations of Education can complete their degree requirements in a single year of full-time study or on a part-time basis. A minimum program is 30 semester credit hours. Degree candidates must meet with Professor Robert B. Jennings, Program Director, to plan a suitable program of studies and consult with him at all stages of their progress.

### **III. Program of Studies**

#### *Required Courses*

15 hours

One course each in methods of educational research, history of education, philosophy of education, educational psychology and socio-cultural foundations of education. *The course in research methods ought to be taken in the first semester of the program.*

#### *Electives*

15 hours

Electives to be taken will be chosen by the individual student in consultation with the Program Director, according to that student's particular needs and interests. Students may elect to continue taking broadly-based foundation courses such as those which are required, or may choose to group several courses in concentration areas (e.g. administration and supervision, early



childhood education, elementary education, secondary education, secondary subject matter, business education, reading, special education), or may utilize electives to explore several fields of interest.

## **Ed.M. in Elementary or Secondary Reading Specialization**

**I. Objectives of the Program** — The program leading to a Master of Education degree in Reading is designed to provide the candidate with the necessary professional training and academic preparation to qualify for state certification as a Reading Specialist. It is expected that the prospective Reading Specialist will become familiar with numerous reading tests and other evaluative instruments as well as with remedial teaching techniques. The student will be prepared to make diagnostic and prognostic statements about disabled readers after completion of the program.

In the process of fulfilling the general objectives mentioned above, the student will become aware of the nature and causes of reading disabilities. He will assess reading achievement and identify areas of strengths and weaknesses in pupil reading abilities through the use of standardized and informal reading tests. On the basis of test results and prescriptive techniques each student will plan and participate in a continuous evaluation and tutorial process with remedial readers. This continuous evaluation will include the proper selection of materials and techniques to remediate specific deficiencies in work analysis skills, reading comprehension, study skills, rate of comprehension and reading in the content areas.

**II. General Description of the Program** — Candidates for the Master of Education in Reading can generally expect to complete their degree requirements in one year and one summer of full-time study, although the program may also be undertaken on a part-time basis. A minimum program would involve 36 semester hours of work (see Section V. below). Degree Candidates are advised to consult with Professor Glen A. Lewandowski, Program Director, at all stages of their program.

## **III. Program of Studies**

### **Required Courses:**

**21 hours**

One of the first two courses listed, and the remaining five:

Education 5.99 — Reading and Study Skills in the Secondary Content Areas

Education 7.51 — Competency in Teaching Elementary Level Reading Skills

Education 7.6 — Introduction to the Psychology of Learning Disabilities

Education 7.7 — Diagnosis of Reading Disabilities

Education 7.8 — Correction of Reading Disabilities

Education 7.9 — Practicum in Reading (6 hours credit, see Section IV below)

Education 8.0 — Seminar in Reading



**Restricted Electives:****9 hours**

Education 3.3 — Introduction to the Exceptional Child in the School  
 Education 4.28 — Open Concept Education  
 Education 4.29 — Advanced Topics in Elementary Mathematics & Science  
 Education 4.95 — Issues in Early Childhood Education  
 Education 4.96 — Advanced Topics in Elementary Language Arts  
 Education 5.10 — Methods in Education of the Exceptional Child  
 Education 5.11 — Educational Strategies for the Mentally Exceptional  
 Education 5.12 — Educational Strategies for the Behaviorally Handicapped  
 Education 5.13 — Educational Strategies for the Physically Handicapped  
 Education 5.14 — Diagnosis of Special Needs Children  
 Education 6.28 — Elementary and Secondary Curriculum Evaluation  
 Education 7.12 — Psychological Tests in Counseling  
 Education 7.13 — Individual Intelligence Testing  
 English 4.32 — Children's Literature  
 English 4.33 — Adolescent Literature  
 Psychology 2.1 — Child Psychology  
 Psychology 2.2 — Psychology of Adolescence  
 Psychology 2.4 — Abnormal Psychology  
 Psychology 2.6 — Human Development  
 Psychology 2.7 — Principles of Behavior Modification  
 Psychology 2.8 — Theories of Personality  
 Psychology 3.8 — Behavior Problems in Childhood and Adolescence  
 Psychology 3.9 — Psychology of Rehabilitation  
 Sociology 2.35 — Sociology of Deviance

**Unrestricted Electives:****6 hours**

Candidates are encouraged to enroll in academic courses related to their teaching interests.

**IV. —** Completion of the practicum with a grade of B– or better is the terminal activity in the program, and is taken in lieu of a general examination. The practicum requires the student to apply the knowledge, evaluative techniques and teaching skills he has been taught while enrolled in the program.

**V. Massachusetts Certification —** Graduates who wish to be employed in the public schools as reading specialists must satisfy state certification requirements for that level at which they desire to work. In addition to those courses required for Reading Specialization, students interested in careers at the elementary level must take the following courses: Education 3.2, 4.10-4.11, 4.13, 4.26, 5.23, and 4.20. Before Education 4.20 can be taken, all courses listed above and Education 4.12 or 7.51 must be completed. Eighteen hours in a teachable major, curriculum and methods in specific teaching field, Philosophy of Education or Educational Psychology, Methods of Secondary Teaching and Problems in Secondary Education and student teaching, as well as the required Reading Specialization courses must be completed by students interested in secondary level positions.

## **Ed.M. in Early Childhood Education**

**I. Objectives of the Program** — The program leading to a Master of Education degree in Early Childhood Education is designed to offer advanced preparation and opportunity for teachers with a degree in Elementary Education and to equip the teacher to criticize, suggest and implement curricula that is appropriate and challenging to young children.

**II. Description of the Program** — Candidates for the Master of Education in Early Childhood Education can be expected to complete their degree requirements in one year of full-time study. Although the program may also be undertaken on a part-time basis, a minimum program would involve 30 semester credit hours. Degree candidates are advised to consult with Professor Sheila M. Mahoney, Program Director, to plan a suitable program of studies. Any changes or modifications in the candidate's program must be approved by the Director.

### **III. Program of Studies:**

#### **Required Courses:**

15 hours

Education 5.20 — Early Childhood Curriculum I

Education 5.21 — Early Childhood Curriculum II

Education 5.23 — Creative Arts

English 4.32 — Children's Literature

Education 4.95 — Issues in Early Childhood Education

#### **Restricted Electives:**

15 hours

Education 4.14 — Art for the Classroom Teacher

Education 4.28 — Open Concept Education

Education 4.96 — Advanced Topics in Elementary Language Arts

Education 5.10 — Methods in Education of the Exceptional Child

Education 5.11 — Educational Strategies for the Mentally Exceptional

Education 5.13 — Educational Strategies for the Physically Handicapped

Education 5.22 — Designing and Developing a Day Care Center

Education 5.31 — Creative Dramatics

Education 6.90 — Sociology of Education: Urban Schools

Education 6.91 — Educational Sociology

Psychology 2.8 — Theories of Personality

Psychology 3.5 — Humanistic Psychology

Sociology 4.21 — Child Care Methods and Field Instruction

Sociology 4.23 — Seminar in Child Welfare

Sociology 6.11 — Human Services Methods

Sociology 6.4 — Seminar in Social Work

Additional courses may be elected by the permission of the instructor.

For those students who have not had adequate experience working with young children, an eight week practicum may be scheduled in a kindergarten or nursery school program.



**IV. Massachusetts Certification** — While at the present time, Massachusetts has no special certification requirements in Early Childhood, the Master of Education Degree in Early Childhood Education also offers an option to those students who are not certified elementary school teachers, whereby certification can be obtained in elementary school teaching for placement in a public school kindergarten or nursery school. The student wishing to obtain certification must plan to attend class during the day and fulfill twelve weeks of student teaching. The course of study would be as follows:

**Elementary Education Sequence:**

**19 hours**

Education 3.2 — Educational Psychology

Education 4.10 — Elementary Methods

Education 4.12 — Teaching Elementary Reading

Education 4.20 — Student Teaching

**Early Childhood Sequence:**

**12 hours**

Education 4.95 — Issues in Early Childhood Education

Education 5.20 — Early Childhood Curriculum I

Education 5.23 — Creative Arts

English 4.32 — Children's Literature

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31 hours

## **Ed.M. in Special Education**

**I. Objectives of the Program** — The program leading to a Master of Education degree in Special Education is designed to provide the candidate with the necessary professional training and academic preparation to qualify for state certification as a teacher of children with special needs. It is expected that the prospective Special Needs Teacher will become familiar with numerous diagnostic tests and other evaluative instruments as well as the teaching techniques used with special needs pupils.

In the process of fulfilling the general objectives mentioned above, the student will become aware of the nature and causes of the various special needs children. He will assess and identify areas of strengths and weaknesses in special needs children through the use of standardized and informal tests. On the basis of test results and prescriptive techniques each student will plan and participate in a continuous evaluation and instructional process with special needs children. This continuous evaluation will include the proper selection of materials and techniques to teach basic educational skills and information to special needs children.

**II. Description of the Program** — Candidates for the Master of Education in Special Education can generally expect to complete their degree requirements in one year and one summer of full-time study, although the program may also be undertaken on a part-time basis. At least two years teaching

experience is preferred prior to acceptance into the program, although this is not an absolute requirement. A minimum program would involve 36 semester hours of work. Degree candidates are advised to consult with Professor Susan J. Visco, Program Director, at all stages of their progress.

### III. Program of Studies:

#### Required Courses:

21 hours

- Education 5.10 — Methods in Education of the Exceptional Child
- Education 5.11 — Educational Strategies for the Mentally Exceptional
- Education 5.12 — Educational Strategies for the Behaviorally Handicapped
- Education 5.13 — Educational Strategies for the Physically Handicapped
- Education 5.14 — Diagnosis of Special Needs Children
- Education 5.15 — Practicum in Special Education

Completion of the Practicum with a grade of B or better is the terminal activity in the program, and is taken in lieu of a general examination. The practicum requires the student to apply the knowledge, evaluate techniques and teaching skills he/she has been taught while enrolled in the program.

#### Restricted Electives:

9 hours

- Comm. & Speech 3.01 — Language Acquisition
- Comm. & Speech 3.12 — Speech & Language Problems in the Schools
- Comm. & Speech 4.23 — Seminar in Speech Communication for Teachers
- Education 3.2 — Educational Psychology
- Education 3.3 — Introduction to the Exceptional Child in the School
- Education 5.99 — Reading and Study Skills in the Secondary Content Areas
- Education 6.7 — Psychology of Vocational Development
- Education 6.16 — The Counselor and Special Needs Students
- Education 7.51 — Competency in Teaching Elementary Level Reading Skills
- Education 7.6 — Introduction to the Psychology of Learning Disabilities
- Education 7.7 — Diagnosis of Reading Disabilities
- Education 8.1 — Learning Problems in Elementary Mathematics
- Psychology 2.6 — Human Development
- Psychology 2.7 — Principles of Behavior Modification
- Psychology 2.8 — Theories of Personality
- Psychology 3.4 — Psychology of Learning
- Psychology 3.8 — Behavior Problems in Childhood & Adolescence

#### Electives:

6 hours

Courses selected from the offerings in any discipline subject to approval by faculty advisor.

**IV. Massachusetts Certification** — Graduates who wish to be employed in the public schools as a Generic Special Teacher of School Age Children with Mild Special Needs or Teacher of School Age Children with Moderate Special Needs (Instructor of Perceptually Handicapped) must satisfy state certification requirements for that level at which they desire to work. In addition to those courses required for a masters in Special Education, students interested in careers at the elementary level must take the following courses: Education 3.2, 4.10-4.11, 4.12, 4.13, 4.26, 5.23, and 4.20. Before Education 4.20 can be taken, all courses listed above must be completed. Eighteen hours in a teachable major, curriculum and methods in a specific



teaching field, Philosophy of Education or Educational Psychology, Methods of Secondary Teaching, Problems in Secondary Education, Reading and Study Skills in Secondary Content Areas, and student teaching must be completed in addition to the required courses by students interested in secondary level positions.

## **Ed.M. in Administration and Supervision**

**I. Objectives of the Program** — The program is designed to prepare personnel to fill such middle-level administrative roles as principal, assistant principal, supervisor of instruction, business manager, curriculum coordinator, program director, department head, school planner, etc., in settings in which they must be ready to function within a single school system and/or interact with other systems in a metropolitan or regional framework. The requirements for professional certification in Massachusetts and New Hampshire have been adhered to in structuring the program. It also aims to provide professional preparation for those filling posts in admissions, financial aid, placement, housing, development and student activities in higher education.

**II. Description of the Program** — Candidates for the Master of Education in Administration and Supervision degree can normally be expected to complete their degree requirements in two to three years of part-time study, although shorter or longer durations are possible. The minimum program requirement is thirty-six hours of which fifteen hours are required courses, fifteen hours are restricted electives and six hours are a supervised practicum. Degree candidates are advised to consult with Professor Joseph M. McCarthy, Program Director, at all stages of their progress.

### **III. Program of Studies:**

#### **Required Courses:**

15 hours

Education 6.50 — Learning Theory and the Improvement of Instruction  
 Education 6.90 — Sociology of American Education: Urban Schools *or*  
 Education 6.91 — Educational Sociology *or*  
 Education 6.93 — Educational Anthropology  
 Education 7.0 — Educational Administration: Cases and Concepts *or*  
 Education 8.5 — Administrative Leadership *or*  
 Education 8.6 — Administrative Communication  
 Education 7.18 — Methods of Educational Research: Sources and Design  
 Education 8.10 — Legal Aspects of School Administration

#### **Restricted Electives:**

15 hours

Education 4.5 — Future Patterns and Problems of Education  
 Education 6.28 — Elementary and Secondary Curriculum Evaluation  
 Education 6.29 — Discipline in School Settings

- Education 6.31 — History of Urban Education
- Education 6.33 — History and Theory of Higher Education
- Education 6.4 — Organization and Administration of School Counseling Services
- Education 6.40 — Evaluation and Analysis of Trends in Business and Office Education
- Education 6.41 — Principles and Philosophy of Career and Occupational Education
- Education 6.5 — Introduction to School Personnel Services
- Education 6.80 — Philosophy of Education: Foundations for Curriculum Study
- Education 6.82 — Future-Focused Philosophies of Education
- Education 6.92 — Social Psychology of Education
- Education 7.2 — American Secondary Schooling: Processes and Problems
- Education 7.17 — Methods of Educational Research: Statistics
- Education 7.21 — Innovations in Secondary Education
- Education 8.41 — Administration and Supervision in the Elementary School
- Education 8.42 — Administration and Supervision in the Secondary School
- Education 8.43 — Introduction to School Finance and Business Management
- Education 8.44 — Organization and Administration of School Systems
- Education 8.51 — Metropolitan Planning and Education
- Education 8.52 — Problems of Regional Educational Development
- Education 8.53 — Changing Role of Education in Megalopolitan Areas
- Education 8.54 — Growth of the Union Movement in Education
- Education 8.55 — Collective Bargaining and Negotiation in Education
- Education 8.58 — Organization and Administration of Higher Education
- Education 8.59 — Student Personnel Programs in Higher Education
- Education 8.7 — Elementary Curricula: Future Prospectives
- Education 8.9 — Legal Aspects of American Education

Alternate courses may be elected with permission of the Program Director.

**Supervised Practicum:**

**6 hours**

Completion of the practicum with a minimum grade of B is the terminal activity of the program and is taken in lieu of a general examination. The individual student is responsible for making arrangements for locale and circumstances of the practicum in consultation with the Program Director.

## **M.S. in Business Education**

**I. Objectives of the Program** — This program is designed to offer advanced preparation and opportunity for secondary teachers in Business Education. Completion of the program by Accounting and Business Administration majors is also feasible due to its flexibility. This program is structured to offer greater in-depth subject area mastery, develop an understanding of new concepts in curriculum, evaluation of current trends, research and methodology, application of the use of modern materials and media in the development of office simulation and work study programs and present basic and historical factors of professional aspects, issues and principles of Business Education.

**II. Description of the Program** — Candidates for the Master of Science in Business Education degree can generally expect to complete their degree



requirements in one year of full-time study, although a longer period of time can be taken on a part-time basis. A minimum program would involve 30 semester hours of credit. Degree candidates are advised to consult with Professor Stefaney, Program Advisor, at all stages of their program.

### **III. Program of Studies:**

#### **Required Courses:**

**15 hours**

To be selected from the following list:

Education 4.18 — Curriculum and Methods in the Teaching of Secondary Basic Business Subjects

Education 4.21 — Student Teaching (may be waived for experienced candidates)

Education 6.40 — Evaluation and Analysis of Trends in Business and Office Education

Education 6.41 — Principles and Philosophy of Career and Occupational Education

Education 6.42 — Practicum Analysis Seminar in Business and Office Education

Education 6.43 — Introduction to Research in Business Education

Education 6.44 — Methods of Teaching Shorthand and Transcription

Education 6.45 — Methods of Teaching Office Systems and Equipment and Typewriting

Education 6.46 — Improvement of Instruction in Bookkeeping and Accounting

#### **Restricted Electives:**

**15 hours**

1. Courses to be selected from offerings in the College of Business Administration.

2. Elected from offerings in Education, Business, Psychology, Sociology or other pertinent disciplines subject to approval of the faculty advisor.

## **Graduate Courses in Education**

Candidates for advanced degrees in education should refer to the section on Graduate Programs.

Courses listed for graduate credit by other departments may be applied to advanced degrees in Education at Suffolk University, subject to the approval of the Chairman of the Department of Education. Students who wish to transfer graduate credit to another university should obtain the prior approval of the Dean, at the respective institution. A candidate for a bachelor's degree may receive special permission from the Department and the Dean to register in graduate courses as electives, provided he has met all regular requirements in education for his degree.

Changes of any sort in student programming must be approved in writing by a member of the Department. Failure to comply with his regulation may result in a loss of credit toward graduation.

**Education 5.5 — British Education Today.** This course considers the history and rationale, organization, administration, curriculum and future prospects of all levels of education in England. Particular attention is devoted to the elaboration of open primary education. *1 term — 3 semester hours. Normally offered every third year.*

**Education 5.10 — Methods in Education of the Exceptional Child.** Various techniques and materials which can be used by the classroom teacher to instruct the Exceptional Child will be discussed. The student will learn how to modify a classroom curriculum to accommodate the myriad handicaps of the specific needs child. Particular attention will be given to the specific learning disabled pupil. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5.11 — Educational Strategies for the Mentally Exceptional.** This course will focus on methods and materials appropriate for the exceptional child in the elementary school. Approaches and techniques currently used with mentally exceptional children will be reviewed. Curriculum planning for moderate to mild general learning disabilities and the mentally gifted will be explored. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5.12 — Educational Strategies for the Behaviorally Handicapped.** Identification and teaching strategies for the behaviorally handicapped will be explored. The various categories and behavior patterns will be discussed. Curriculum planning for moderate to mild categories of the behaviorally handicapped will be discussed. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5.13 — Educational Strategies for the Physically Handicapped.** Specific goals and elements of the curriculum for the auditorily, visually, neurologic, orthopedic and other health impairments special needs children will be presented. Included will be some attention to the speech handicapped. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5.14 — Diagnosis of Special Needs Children.** Discussions, demonstrations and analysis of standardized tests to evaluate special needs children. Among the areas covered will be tests in speech, specific learning disabilities, intelligence, auditory skills, vision and other special needs areas. *Prerequisites: Education 5.10, 5.11, 5.12. 1 term – 3 semester hours. Normally offered yearly.*

**Education 5.15 — Practicum in Special Education.** An instructional internship of 180 clock hours working with special needs students. The work is done under supervision with emphasis on interpretation of tests, planning of programs, instructional techniques, evaluation of progress and preparation of case studies. A minimum grade of B must be earned in this course. *Prerequisites: Education 5.10, 5.11, 5.12, 5.13, 5.14. 1 term – 6 semester hours. Normally offered yearly.*

**Education 5.20 — Early Childhood Curriculum I.** Emphasizes the development of infants, toddlers and children ages three through five and examines the values, theories and practical aspects of education in terms of appropriate curriculum for children in this age group. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5.21 — Early Childhood Curriculum II.** Emphasizes the development of children ages six through nine and examines the values, theories and practical aspects of education in terms of appropriate curriculum for children in the primary grades. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5.22 — Designing and Developing a Day Care Center.** The essential elements for designing and developing a day care program for pre-school children will be examined in this course. Topics include: licensing, organizational and administrative structures, budgeting and financing, center design and development (indoor and outdoor), staffing, caretaking and curriculum. Field trip and workshop experience. Laboratory fee: \$10.00 (to cover workshop material expenses). *1 term – 3 semester hours. Normally offered yearly.*



**Education 5.23 — Creative Arts.** Focuses on a series of workshops in the areas of art, music, movement and creative dramatics and explores the inter-relationships of arts for young children as well as encouraging students in their own personal development of creative and aesthetic awareness. Laboratory fee: \$10.00. Required of all students majoring in Elementary Education. *1 term – 3 semester hours. Normally offered yearly.*

**Education 5.31 — Creative Dramatics.** Focuses on a series of workshops in the areas of movement, pantomime and dramatics. The course will also explore the art of puppetry. Laboratory fee: \$10.00. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 5.99 — Reading and Study Skills in Secondary Content Areas.** Major emphasis is on the reading and study skills essential for content mastery. Students will gain competency in developing vocabulary exercises, comprehension guides, study skills techniques and diagnostic techniques. Issues like speed reading and motivation will be discussed. (This course will also be the locus for selected general pre-professional placements as a prerequisite experience for a later course in student teaching. Required of all undergraduate students in Secondary Education Programs and all graduate students in the A.M. in Educ. program.) *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.2 — Seminar in Career Education.** An in depth study of career education, including theoretical concepts, issues and strategies for implementation. Particular focus is placed on the role of the school counselor in the career education process. *Prerequisite: Education 6.7. 1 term – 3 semester hours. Normally offered yearly.*

**Education 6.4 — Organization and Administration of School Counseling Services.** A study of the school as a complex social system, and the role of the counselor in implementing change within the organizational structure. Administrative responsibilities of the counselor are also investigated, with emphasis on the establishment and achievement of program objectives. *Prerequisite: Education 6.5. 1 term – 3 semester hours. Normally offered yearly.*

**Education 6.5 — Introduction to Personnel Services.** The foundation course for those enrolled in the secondary counseling program (track A). The philosophical and theoretical foundations for school counseling are investigated, as well as the roles and functions of the school counselor. The roles of other pupil personnel specialists will also be investigated. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.6 — Counseling: Theory and Practice.** Analysis of selected counseling theories representative of the field of counseling psychology. Theories will be selected from the following areas: Psychoanalytic Theory, Psychosocial Theory, Rational Theory, Learning Theory, Phenomenological Theory and Existential Theory. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.7 — Psychology of Vocational Development.** A survey of the various theories of vocational choice and development, and strategies for the implementation of vocational counseling in the school or agency setting. Historical and current concepts of work, sources of occupational information and vocational concerns of women and minorities are also investigated. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.12 — Psychology of the Young Adult.** An examination of the developmental features, societal perceptions and expectations, and psychological characteristics of this significant stage of development. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.13 — Seminar in Community Mental Health.** A study of the historical perspectives and basic concepts in community mental health services. Discussion of poverty issues, social stress, and how changing approaches to mental illness have contributed to the present day development of social action programs and community mental health model. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.16 — The Counselor and Special Need Students.** Designed to assist counselors in identifying students with special needs, particularly in the area of learning disabilities. Analysis of attitudes and the psychological determinates of exceptional children, and an investigation of the support systems for the successful integration of special needs students into the regular classroom. Review of Massachusetts law, Chapter 766, with attention to local and national models for implementation. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.17 — Parent Counseling.** An overview of the history and an intensive study of selected models of parent counseling. Special emphasis will be placed on the acquisition of strategies proven to be effective for counselors in helping parents cope with the developmental issues confronting them and their children. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.18 — Drugs and Society.** Who takes drugs and why? This course is a study of social psychological and pharmacological effects of licit and illicit drugs most commonly abused in America. In addition, goals and strategies in drug education, prevention and rehabilitation programs will be examined. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.19 — Rehabilitation Counseling.** An examination of the psychological aspects of illness and disability. Readings and discussions on interpersonal attitudes toward the physically or the socially handicapped, chronically ill, the aged or individuals with special needs, and treatment concepts and models offered to these respective populations. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.20 — Clinical Practice I.** Application of counseling skills in an assigned field placement (school, college or agency). Students will spend a minimum of fifteen hours per week in field work and participate in weekly group sessions for the evaluation of counseling progress. Open only to degree candidates in Counselor Education who are either: 1) full-time students, or 2) have successfully completed a minimum of twelve semester hours of degree credit. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.21 — Clinical Practice II.** Continuation of Education 6.20 with an opportunity to assume increased responsibility for clients under supervision. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.27 — Evolution of Educational Doctrine.** This course examines the ideas of the great educational theorists to establish developmental patterns and to clarify the nature and function of educational theory. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.28 — Elementary and Secondary Curriculum Evaluation.** A survey of current curricula practices and materials with analysis of specific contemporary programs. Recommended for in-service teachers and graduate students in the Administration and Supervision and in the Foundations of Education programs. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.29 — Discipline in a School Setting.** The course explores the role of administrators and teachers in promoting effective positive discipline to promote learning. Philosophi-



cal and legal considerations provide the basis for an eclectic approach to practical techniques. *1 term – 3 semester hours. Normally offered every third year.*

**Education 6.30 — History of Childhood.** The evolution of child-rearing in Western society is traced as a means of understanding contemporary practices. Stress is placed upon the American experience. Interpretive syntheses, such as those of Aries and deMause are evaluated. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.31 — History of Urban Education.** The focus of this course is the debate over the efficacy of American education in providing for cultural assimilation and social mobility. Especial emphasis is given to evaluating the interpretations of Greer, Tyack, Moynihan, Glazer, Jencks and Katz. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.33 — History and Theory of Higher Education.** Beginning with a consideration of educational institutions in ancient and medieval Europe, the course concentrates upon the evolution of American higher education. The emergence of the multiversity and the current reappraisal of its mission receive particular attention. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.40 — Evaluation and Analysis of Trends in Business and Office Education.** An exploration of various interpretations and theories forming the foundation of contemporary trends in Business and Office Education. Study of Federal legislation, present programs, and future potentials. Includes research and teaching aids. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.41 — Principles and Philosophy of Career and Occupational Education.** An examination of theories and principles of Career and Occupational Education and their possible philosophical justifications. Topics include: occupation direction and vocational goals in elementary and secondary and post-secondary education, the disintegration of occupational sex roles, and the dynamics of work-study programs. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.42 — Practicum Analysis Seminar in Business and Office Education.** Students will organize their perceptions of their own teaching experiences of social business and skill subjects with other class members. Discussion also centers on methodological concerns and new service programs for children with special needs. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.43 — Introduction to Research in Business and Office Education.** Examination of current research in business and office education. Discussions of topics of current interest in the areas of instruction, learning resources, and instructional development. Each student develops a limited research study. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.44 — Methods of Teaching Shorthand and Transcription.** Methods of teaching the subjects, the reading and writing approaches. Prognosis, diagnosis, and remedial teaching. Construction of modules and materials for self-paced teaching. Testing and grading. Psychology of skill building. Review of significant research. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.45 — Methods of Teaching Office Systems and Equipment and Typewriting.** Study of the psychological principles pertaining to learning typewriting. Measurement,

grading and standards of accomplishment. Teaching aids, motivation and classroom dynamics. Evaluation of textbooks for self-paced learning. Designing courses in office equipment and word processing. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.46 — Improvement of Instruction in Bookkeeping and Accounting.** Learning theory, pertinent research, methodology, teaching aids, and testing and evaluation of instructions in bookkeeping and accounting. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.50 — Learning Theory and the Improvement of Instruction.** Concerns itself with the impact of research in learning on education. The basic purpose of the course is to present knowledge that may suggest solutions to some of the problems in education. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.80 — Philosophy of Education: Foundations for Curriculum Study.** Philosophies of education are examined as a foundation for inquiry into curriculum decision making, subject matter content, and value components in school programs. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.81 — Philosophy of Education: Teacher as Philosopher.** Study of traditional philosophical topics concerned with man, values and knowledge to provide a foundation for a more self-conscious choosing process by educators in the classroom. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.82 — Future-Focused Philosophies of Education.** Those philosophies which seek to maximize social change by the use of education as an intervention strategy are the burden of this course. Romantic naturalism, cultural reconstructionism, Chinese Marxism and Skinnerism are explored in depth. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.83 — Rational Humanism in Educational Philosophy.** This course offers a depth study of the educational philosophy of Robert Maynard Hutchins. The Great Books Program and other methods of implementing Hutchins' ideal of intellectual formation will be considered. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 6.90 — Sociology of Education: Urban Schools.** A study of the structure and function of American urban education; the education of minorities; the relationship of the educational institution to other social institutions and socio-cultural interest groups. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.91 — Educational Sociology.** This course will study the school as a complex organization, attitudes and roles of administrators, teachers and students, teacher-pupil interaction, influence of occupational typing on teacher behavior and causes of institutional dysfunction. *1 term – 3 semester hours. Normally offered yearly.*

**Education 6.92 — Social Psychology of Education.** This study of the impact of social attitudes, motivations, perceptions and interaction on learning. Major attention is devoted to the climate of the school, leadership behavior in the classroom, motivation and discipline. *1 term – 3 semester hours. Normally offered every third year.*

**Education 6.93 — Educational Anthropology.** This course will study American culture to determine the role of education in the transmission, conservation and modification of culture.



Material to be covered will include: the enculturation of youth, teacher and culture, student sub-culture characteristics. *1 term – 3 semester hours. Normally offered yearly.*

**Education 7.0 — Educational Administration: Case and Concepts.** This course will emphasize the decision making functions of the administrator. Case materials from actual situations in school systems will form the basis for discussion of theoretical and practical approaches to evolving strategies for dealing with administrative problems. *1 term – 3 semester hours. Normally offered yearly.*

**Education 7.2 — American Secondary Schooling: Processes and Problems.** This course examines the rationale, role, structure and function of educational institutions from middle school to junior college. Attention is given to the foundations of secondary education as well as to curriculum development and evaluation, instructional trends, the rights of students and teachers, discipline and future planning. *1 term – 3 semester hours. Normally offered yearly.*

**Education 7.6 — Introduction to the Psychology of Learning Disabilities.** An overview of the origins, nature, identification and remediation of learning disabilities. Discussions will focus on the various diagnostic instruments, significant research, available resources and the analysis of case studies in learning disabilities. *Prerequisites: Education 7.51 or 5.99, concurrent enrollment in Education 7.51 or 5.99 or consent of instructor. 1 term – 3 semester hours. Normally offered yearly.*

**Education 7.7 — Diagnosis of Reading Disabilities.** Demonstration, administration and analysis of standardized, informal and criterion referenced diagnostic reading tests. Students submit a diagnostic case study on a student which includes a plan for a corrective reading program. Based on the results of diagnostic tests, interest inventories, and learning methods tests, behavioral objectives are written for the corrective program. *Prerequisites: Education 7.51 or 5.99 or concurrent enrollment in Education 7.51 or 7.52. 1 term – 3 semester hours. Normally offered yearly.*

**Education 7.8 — Correction of Reading Disabilities.** A continuation of Education 7.7 in which techniques and materials of remediation are covered. Students submit logs describing a diagnostic and corrective program and a case study evaluating progress with one student. *Prerequisite: Education 7.7. 1 term – 3 semester hours. Normally offered yearly.*

**Education 7.9 — Practicum in Reading.** An instructional internship working with a small group of remedial readers (3-6). Practice work is done under supervision with emphasis on interpretation of tests, planning of programs, instructional techniques, evaluation of group progress and preparation of individual reports. A minimum grade of "B" must be achieved in this course. *Prerequisite: Education 7.7 and Education 7.8. 1 term – 6 semester hours. Normally offered yearly.*

**Education 7.11 — Seminar in Counseling Psychology.** Advanced analysis of counseling theories, evaluation of conceptual models and development of idiosyncratic constructs. *Prerequisite: Educ. 6.6. 1 term – 3 semester hours. Normally offered yearly.*

**Education 7.12 — Psychological Tests in Counseling.** A fundamental course for counselors. Surveys standardized instruments for measuring and diagnosing aptitudes, interests, and personality factors. A study of the principles of measurement as they relate to the interpretation and evaluation of standardized tests, including the application of elementary statistics. The administration of some typical instruments with accurate and comprehensive interpretation and communication of the test results will be required. The major focus will be the use of tests in

the context of counseling. Recommended for Counselor Education students only. 1 term – 3 semester hours. Normally offered yearly.

**Education 7.13 — Individual Intelligence Testing.** A closely supervised laboratory course in the administration, scoring and interpretation of the Wechsler Scales (WAIS and WISC). Supervision is available to students who may wish to learn how to use the Stanford-Binet Intelligence Scale of other common tests of intellectual functioning. Completion of this course with a grade of B or better is the necessary criterion leading to the recommendation of one's competence in using these tests. 1 term – 3 semester hours. Normally offered yearly.

**Education 7.14 — Seminar in Group Counseling.** A study of the practical and theoretical aspects of counseling small groups. There will be provision for a laboratory experience in which students participate in an ongoing group and study the dynamics of group development as they actually experience them. *Prerequisite:* Education 6.6. 1 term – 3 semester hours. Normally offered yearly.

**Education 7.15 — Psychopathology.** The study of the nature of psychopathology; central concepts and processes. Psychogenesis, psychodynamics, role of anxiety, and prominent syndromes. *Prerequisite:* Education 6.6. Recommended for Counselor Education students only. 1 term – 3 semester hours. Normally offered yearly.

**Education 7.16 — Consultation.** Study of the counselor as consultant. Particular emphasis is placed on the skills and procedures involved in consultation. The issues faced by the counselor in assuming the role of consultant are also investigated. *Prerequisite:* Education 6.5 or Education 6.6. 1 term – 3 semester hours. Normally offered yearly.

**Education 7.17 — Methods of Educational Research: Statistics.** An introduction to the principles and methods associated with educational research. Descriptive and inferential statistical techniques (through Analysis of Variance) and design forms for research will be presented and then applied to practical situations. 1 term – 3 semester hours. Normally offered yearly.

**Education 7.18 — Methods of Educational Research: Sources and Design.** Heuristic, analytic and synthetic techniques of research in the history, philosophy, psychology and sociology of education are treated. Wide acquaintance with bibliographic and classic studies is demanded. 1 term – 3 semester hours. Normally offered yearly.

**Education 7.21 — Innovations in Secondary Education.** This course addresses the need for innovation in education and the means for initiating and implementing it. A wide variety of innovations are considered in areas such as administration, school architecture, curriculum, teaching methods, motivation and student activities. 1 term – 3 semester hours. Normally offered every third year.

**Education 7.51 — Competency in Teaching Elementary Level Reading Skills.** An investigation of several theoretical models of the reading process. A concentration on word recognition and comprehension skills in an elementary developmental reading program. Review of commercially published materials in grades K-6. Students are required to demonstrate competency in designing and conducting tests and lessons suitable for elementary reading skills objectives. 1 term – 3 semester hours. Normally offered yearly.

**Education 8.0 — Seminar in Reading.** An appraisal of investigations in the field of reading,



designed to acquaint the student with research techniques, research results and to allow students to carry on individual research in reading. *Prerequisites: Education 7.51 or 5.99, 7.6, 7.7 or consent of instructor. 1 term – 3 semester hours. Normally offered yearly.*

**Education 8.1 — Learning Problems in Elementary Mathematics.** Procedures for diagnosing and treating learning difficulties encountered by children in the elementary and middle school grades. Specific topics include (1) an examination of the developmental basis of mathematics learning; (2) the physical, perceptual, cognitive, emotional and social handicaps which may interfere with mathematics learning; (3) the use of criterion referenced and standardized tests; (4) individual mathematics instruction through special techniques and classroom design. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.5 — Administrative Leadership.** Trait-factor, group and situational theories of leadership are explored in the context of the educational leader's impact on decision processes, future planning, curriculum development, staff development, and provision of resources. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.6 — Administrative Communication.** Basic mathematical, socio-psychological, and linguistic-anthropological theories of communication are explored as the basis for a synthetic understanding of the communication process. Sender-receiver appraisal, coding, distortion, channels, networks, gatekeeping and feedback are analyzed. Applications to educational situations on all levels are undertaken by use of case studies and role-playing. *1 term – 3 semester hours. Normally offered yearly.*

**Education 8.8 — Practicum in Administration.** An administrative internship doing appropriate work in an educational setting under supervision. A minimum grade of B must be achieved. *1 term – 6 semester hours. Normally offered yearly.*

**Education 8.9 — Legal Aspects of American Education.** This course is intended for administrators, prospective administrators, teachers and others interested in the legal dimensions of school committees, teacher contracts, tenure, student rights, relationships with parents, confidentiality of records, as well as constitutional problems affecting education. Contemporary legal precedents on the federal, state and local levels will be examined. *1 term – 3 semester hours. Normally offered yearly.*

**Education 8.10 — Legal Aspects of School Administration.** This course deals with the legal problems facing the school administrator. The problem of school expenditure and the school's authority and manner of contracting are examined. The administrator's contractual duties with teaching groups and place in labor relations are explored. Problematic situations will be simulated within working groups. *1 term – 3 semester hours. Normally offered yearly.*

**Education 8.41 — Administration and Supervision in the Elementary School.** The course will consider the roles and functions of administrative and supervisory personnel, stressing personnel organization, supervisory and administrative policies, theories of organizational development, school and community relationships, school plant planning and upkeep, and staff development. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.42 — Administration and Supervision in the Secondary School.** The course will consider the roles and functions of administrative and supervisory personnel, stressing personnel organization, supervisory and administrative policies, theories of organizational development, school and community relationships, school plant planning and upkeep and staff development. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.43 — Introduction to School Finance and Business Management.** The major sources of school financial aid, local, state and federal, will be examined and future trends and patterns of financing forecast. Alternative policies, procedures and practices in school purchasing, procurement procedures, and controls and accounting will be studied. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.44 — Organization and Administration of School Systems.** A survey of the duties and problems of the administrator of a system in all areas of systematic activity, including instructional improvement, staff and pupil personnel management, plant utilization, public relations, budget formulation and operations analysis. *1 term – 3 semester hours. Normally offered every third year.*

**Education 8.51 — Metropolitan Planning and Education.** This course will consider the emergence of interurban and urban-suburban linkages and networks and the consequent demands for new patterns of educational organization and functioning. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.52 — Problems of Regional Educational Development.** The course will examine the difficulties consequent on the erection of regional school systems. Consideration will be given to established regional models as a prelude to exercise in anticipating models of articulated metropolitan systems. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.53 — Changing Role of Education in Megalopolitan Areas.** The megalopolitan corridor of the northeastern United States will serve as a model for examining the demands of megalopolitan structure on educational institutions. Through consideration of predictions of megalopolitan growth trends, future changes in educational functioning will be projected. *1 term – 3 semester hours. Normally offered every third year.*

**Education 8.54 — Growth of the Union Movement in Education.** This course traces the rise of unions in education, describes their structure and government, evaluates their status in labor legislation and assesses the impact of their philosophies, policies and practices upon American education. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.55 — Collective Bargaining and Negotiation in Education.** This course will deal in depth with labor management contract negotiations and their administration in education. Issues commonly arising in negotiation will be examined along with strategies and tactics employed in the bargaining process. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 8.58 — Organization and Administration of Higher Education.** The interplay of organizational characteristics, structures and modes of financing will be explored in this course as a means of elucidating the application of administrative theories in higher education. *1 term – 3 semester hours. Normally offered in alternate years.*

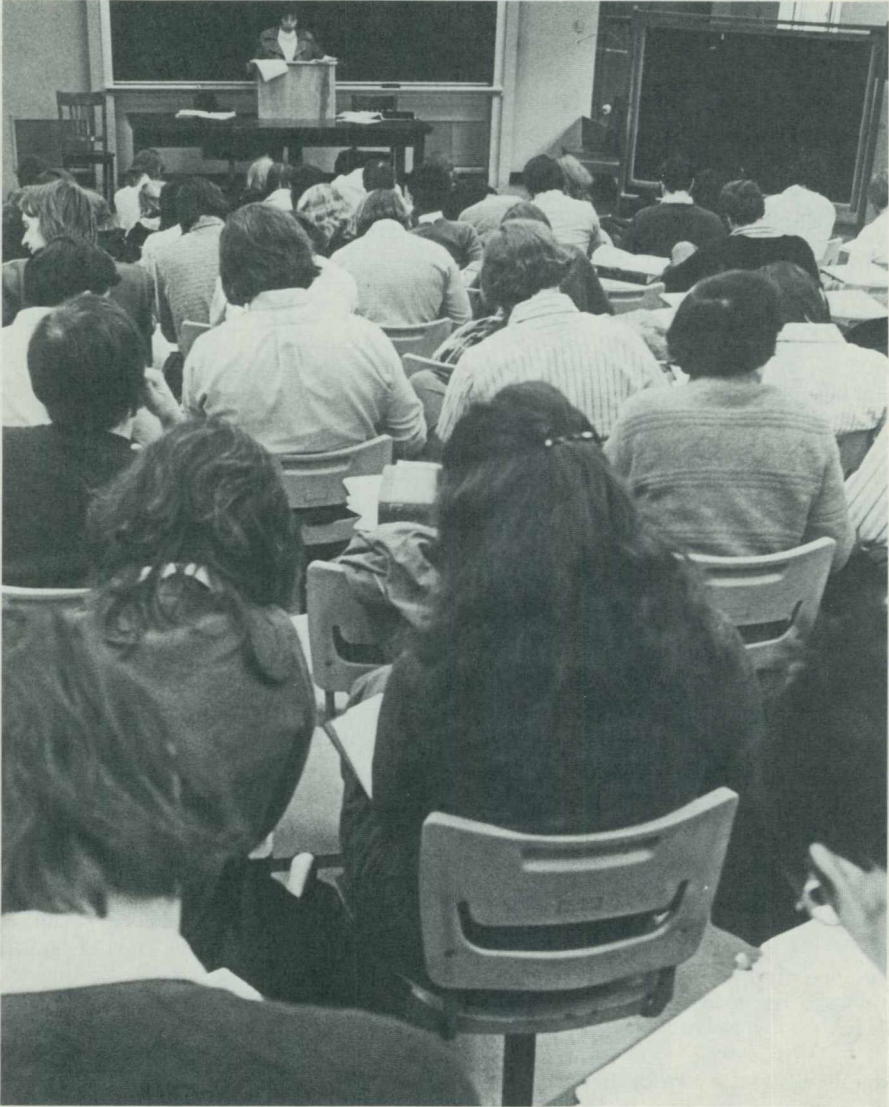
**Education 8.59 — Student Personnel Policies and Programs in Higher Education.** The course will explore the rationale student personnel administrator as a distinctive area of higher education. Organization and administration of programs in admissions, financial aid, housing, health services, counseling, student activities, athletics and placement will be covered. *1 term – 3 semester hours. Normally offered in alternate years.*

**Education 9.2 — Workshop in Elementary Science Implementation.** A special workshop designed to assist elementary teachers initiate the Science Curriculum Improvement Study program in their classrooms. In-class laboratory sessions will be based on the investigations



made inherent in the SCIS philosophy, while supportive services by members of the Education and Biology Departments will be available for teachers participating in the program. Open to undergraduate and graduate students. *1 term – 3 semester hours. Normally offered yearly.*

**Education 10 — Directed Study.** Advanced individual, intensive study of a problem in the major field of interest. Projects of this sort will be authorized only in unusual circumstances upon the recommendation of the Department Chairman and the approval of the Dean. *1 term – 3 semester hours. Normally offered yearly.*



# Evening Division

Suffolk University was the first institution of higher education in the Boston area at which students could earn the bachelor's degree entirely through evening study. In keeping with this tradition, the Evening Division provides an opportunity for qualified men and women to obtain a college education while working days to support themselves and their families.

While it is important for the individual to have an opportunity to achieve his personal goals, it is likewise important for society to have an adequate supply of educated citizens. In this respect, the University serves civic and social functions by helping students to become more effective members of our democratic society.

With the world in the midst of a "Technological Revolution," analogous in nature and importance to the Renaissance and Industrial Revolution, the University serves the function of helping students to participate more effectively in the complex economic life of the nation. It provides a reservoir of college trained manpower necessary for an efficient and productive economy.

Education has become a life-long process and should no longer end with the acquisition of a high school diploma or college degree. Consequently, it is necessary to educate adults as well as young people. Approximately 2300 students of all ages are enrolled in the Evening Colleges of Liberal Arts and Business Administration, and over 1100 in the Evening Division of Suffolk University Law School.



**Objectives** — The objectives of the Evening College Program are to meet the professional and cultural needs of the following groups of adults:

- (1) Adults who are fully qualified for admission to *undergraduate degree programs* in liberal arts, science, education, or business administration, but who prefer to attend evenings on either a part-time or full-time basis.
- (2) Adults who wish to acquire or to update professional knowledge, whether for personal interest or professional advancement.
- (3) Adults who seek *self-fulfillment* through courses or degree programs in liberal arts, humanities, natural science, or social science.
- (4) Adults who seek *pre-professional programs* to equip them to study law, medicine, dentistry, optometry, veterinary medicine, or medical technology.
- (5) Adults who wish to *improve their skills* in reading, writing, English, mathematics, or speech through college level courses.
- (6) Transfer students from two-year and four-year colleges who are recommended for study toward the baccalaureate.
- (7) Graduates of accredited colleges who wish to take *graduate level courses* toward the master's degree in education or business administration, or who wish to take selected courses as special students for professional advancement or to meet teacher certification requirements.
- (8) Senior citizens who wish to take tuition-free courses on a space-available basis.

**Curricula** — Curricula are designed to meet the professional needs of the industrial, educational, and governmental complex of New England. After completing basic required courses, students select a major field for advanced study and may earn the baccalaureate degree. A variety of majors are available within the broad areas of liberal arts, science, social science, business administration, education, and journalism. The master's degree is awarded in education and business administration.

**General Information** — Students should refer to the appropriate sections of the catalog for detailed information on Admission, Registration, Transfer Credit, Course Credit, Auditing, Finances and Student Aid.

A maximum of eight years is the normal limit for completion of part time or interrupted degree programs on the undergraduate level. Work for the master's degree must be completed within five years after graduate course work has started.

The academic year consists of two 16-week semesters. Evening courses meet

either one or two evenings a week. Courses meeting once a week meet for a double period, usually from 4:00 to 5:30, 5:35 to 8:15 p.m., or from 6:55 to 9:35 p.m. Courses meeting twice a week usually meet on alternate nights (Monday and Wednesday or Tuesday and Thursday) from 5:35 to 6:50, 6:55 to 8:10, or 8:20 to 9:35. Saturday classes meet for a double period and run from 9:00 to 11:40 a.m. or from 12:00 to 2:40 p.m. Graduate courses normally meet one evening a week or on Saturday morning. A number of graduate education courses are scheduled in the afternoon. Most courses carry three semester hours of credit. Graduate business administration courses meet one night a week from 6:16 to 8:55.

The length of time required to earn a bachelor's degree varies with the number of courses carried and with the acceleration of course work by attending the evening summer session. By taking a moderate load of two courses each semester and during the summer, a student can earn 18 semester hours per year and complete his degree in six and one-half to seven years.

By carrying three courses each semester and two in the summer, a student can earn 24 semester hours per year and complete his degree in five years.

Students employed full time will find it difficult to carry more than two or three courses in a given semester. A load of four courses should be carried only by students who are scholastically superior and whose employment is not fatiguing and affords ample time for study. All programs must be approved by faculty advisors. *A minimum of five hours per week should be allowed for homework in each course. Advanced courses and laboratory courses may entail considerably more time.*

All evening courses are the full equivalent of courses offered during the daytime. Consequently, day and evening courses are interchangeable, academic standards are the same, and students in good standing may transfer from the Evening Division to the Day Division, provided space is available, and *vice versa*. Day and evening students are considered a single student body with respect to both standards and status.

Faculty members have been selected for their professional background, teaching ability, and broad experience. Most are full time teachers at Suffolk University who teach one or two evening courses as part of their normal teaching load. In addition, visiting lecturers are drawn from industry or from the day faculties of neighboring Universities. They provide a high quality of instruction and believe in the importance and value of providing continuing higher education for adults.

The Evening Division Student Association represents the interests of evening students in both academic-related and social concerns. Several



events are planned by E.D.S.A. each year, to include an Oktoberfest, the Mystery Ride, and Recognition Night. The Evening Division Press is published periodically during the year by evening students and features items of special interest to evening students.

**Independent Study Program** — Applicants and present students may submit College Level Examination Program (CLEP) scores at their own options and receive advanced standing credit not to exceed a total of 60 semester hours. This testing program, developed by the College Entrance Examination Board, is intended to enable mature and talented individuals who have acquired their education in non-traditional ways (such as TV courses, tutoring, independent study, military experience, correspondence courses, on-the-job training, and work experience) to demonstrate their achievement and to receive college credit.

Applicants should have their scores sent to the Director of Admissions. Students presently attending Suffolk University should have their CLEP scores sent to the Dean of Students.

### **Major Fields of Study Leading to A.B. or B.S. Degree**

The degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Science in Journalism, and Bachelor of Science in General Studies are offered in the College of Liberal Arts and Sciences. Major and pre-professional program requirements for these degrees may be completed evenings in the areas indicated below. See descriptions of A.B. and B.S. programs starting on p. 38.

Biology	English	Journalism	Psychology
Chemistry	Government	Life Studies	Sociology
Education*	History	Philosophy	

\*Students planning teaching careers may elect the bulk of their liberal arts courses during the evening, but should consult an advisor from the Department of Education concerning required education courses, many of which may be taken only in the day.

Requirements for other majors such as clinical chemistry, economics, French, mathematics, physics, Spanish, and speech can be met by a combination of day and evening courses. After completing basic requirements evenings, students can complete advanced courses in their specialized majors days during their junior and senior years on either a part time or full time basis. Some companies grant employees released time for this purpose.

### **Professional Programs**

Child Welfare	Social Work	Urban Studies
Crime and Delinquency Studies	Spanish-Sociology (CROSS)	

### **Pre-Professional Programs**

Child Care	Crime and Delinquency	Social Work
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Pre-Dental  
Pre-Legal

Pre-Medical  
Pre-Medical Technology

Pre-Optometry  
Pre-Veterinary

## BACHELOR OF SCIENCE IN GENERAL STUDIES

Normally Available Evenings Only

The Bachelor of Science in General Studies degree is a special liberal arts program designed to make available to evening students a wider range of major subjects than is presently possible in the evening A.B. and B.S. degree programs. The B.S. in G.S. resembles the B.S. degree described elsewhere, but provides a variety of interdepartmental majors in the humanities, social studies, life science, or physical science. These majors consist of 42 semester hours in two or more related areas. In the event that a student transfers to the Day Division, he can readily convert part of his interdepartmental major to a day major, thereby meeting requirements for the A.B. or B.S. degree. The Bachelor of Science in General Studies degree is intended to meet the needs of students who seek a broad cultural background rather than preparation for admission to graduate school.

### B.S. in General Studies — 122 Sem. Hrs.

	Sem. Hrs.
English 1.1-1.2 — Freshman English	6
English Option	6
Communication Option	6
to be chosen from 2 semester sequences, when available, in: Linguistics, Modern Languages, Mathematics (except Math. 1.3-1.4), Speech, Computer Science, Journalism, Logic	
Social Science Option	6
to be chosen from 2 semester sequences, when available, in: History, Government, Economics, Psychology, Sociology, Education 2.1-2.2	
Humanities Option	6
to be chosen from 2 semester sequences, when available, in: Humanities, Philosophy (except Logic), Oral or Written Literature	
Laboratory Science Option	8
to be chosen from 2 semester sequences, when available, with lab in: Biology, Chemistry, Physics, Physical Science	
Interdepartmental Major	42
Free Electives	42
	<hr/> 122

### Interdepartmental Majors

Humanities: courses in humanities, literature, philosophy, speech

Physical Science: courses in chemistry, physics, mathematics

Life Science: courses in biology and chemistry

Social Science: courses in economics, government, history, psychology, sociology, education

Students may count appropriate courses within an option toward their major. Other combinations of major courses appropriate for meeting the student's objectives may be developed with the approval of the Dean.



# Summer Session

Summer provides an opportunity for study, whether for pleasure, acceleration, or remedial purposes. Suffolk's quiet, air-conditioned building offers ideal conditions for summer study, and at the same time, easy access to Boston's historic, cultural and recreational activities for leisure hours. There are fewer students than during the rest of the year, classes are smaller, and contacts between faculty and students are informal. The atmosphere is conducive to stimulating discussion and quiet reflection. Recreational and cultural activities available in the Boston area range from community sailing on the Charles River to the Boston Pops.

**Day Sessions** — The Day Sessions are unique in that they *combine a four-day week with two six-week sessions*. Not only do students have great flexibility of choice, but they also have three-day weekends for study or relaxation. Day courses will normally meet four days per week, Monday through Thursday.

Day students normally carry two courses per term, and may attend either or both sessions. However, students whose average is 2.5 or better may carry a third course each term, thereby readily completing a full semester's work during the summer.

**Evening Sessions** — The Evening Summer Session follows an eight week calendar, with the exception of special short courses and institutes (particularly in Education), which are of three or four weeks duration. Evening students normally take one or two courses, but may take a third course if their employment schedule is not too demanding. The regular eight-week evening classes normally meet two evenings per week, Monday and Wednesday, or Tuesday and Thursday.

The purpose of the Summer Program is to provide undergraduate and graduate instruction for:

- . . . Suffolk students who wish to accelerate their degree programs.
- . . . New students entering degree programs.
- . . . Students who need to repeat courses.
- . . . Special students from other colleges who wish to take credit courses for transfer.
- . . . Teachers who want to strengthen their professional background.
- . . . Housewives and other women who want to continue their education.

Students attending Suffolk University Summer Session may enroll in a Regular Degree Program, the Summer Student-Teaching Program, or as Special Students. In addition to the information that follows, applicants should read the section on Admissions.

*The Regular Degree Programs* are for undergraduate and graduate students who are candidates for Suffolk degrees. Applicants must apply and qualify in the normal way.

*The Summer Student Teacher Program* (six to eight weeks) is designed to assist qualified graduate students to fulfill student teaching requirements during the summer session.

*Special Students* are students who are not presently working toward a Suffolk degree, but who wish to take summer courses at Suffolk. Admission to the summer session as a Special student does not constitute admission to degree candidacy. Special Students who were admitted to the summer session only and who wish to continue their studies in the following term must make formal petition to do so.

**Marine Science Summer Institute** — A six-week marine science summer institute consisting of three course offering in specific marine oriented disciplines for undergraduate students. Three courses are offered on a two-day consecutive basis constituting a six-day (Monday-Saturday) work week. Students are required to select and enroll in two of the three courses offered during the institute. Material is presented in a balance of lecture, laboratory and field-trip experiences for the first four weeks during which time the institute will be housed on the campus of one of the participating member institutions of the New Hampshire College and University Council-Suffolk University (N.H.C.U.C.-S.U.). The final two weeks are spent at Suffolk University's Robert S. Friedman Cobscook Bay Laboratory for the purpose of intensified field investigations and student directed projects of a multidisciplinary nature.



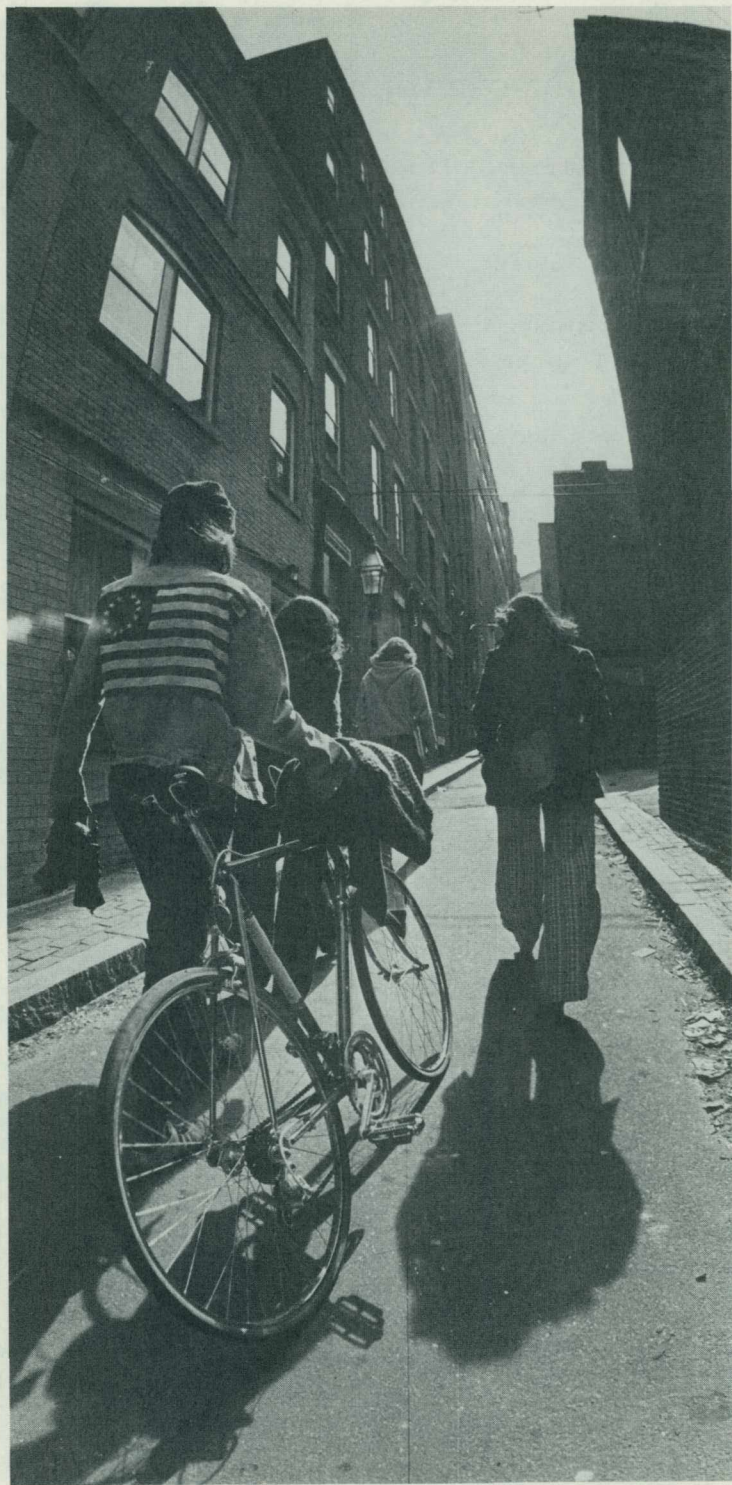
Interested students should apply through the Biology Department Chairman.

**Summer Student Teaching Program** — Observation and Student Teaching at the secondary level (Liberal Arts and Sciences and Art Education Curricula) and at the elementary level (Art Education Curriculum) is offered for 6 to 8 weeks in cooperation with the Newton Public School System.

This program is open to outstanding graduates of accredited colleges of liberal arts and sciences who have distinguished themselves while pursuing their undergraduate studies.

There is a special application for the Summer Student Teaching Program. All applications for this program must be forwarded to the Director of Admissions. Complete applications and credentials must be received by *April 1*.

Applicants who wish to complete Massachusetts Secondary Certification requirements during the summer (12 semester hours) may enroll in a second evening course in Educational Psychology or Philosophy of Education. Classroom courses begin in late May two or three weeks before student teaching, and are of eight weeks duration. Offered in conjunction with Student Teaching Program. See above.





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**Carmen J. Quintiliani**, *Lecturer in Education*. B.S. in Ed., Suffolk; M.Ed., Northeastern; C.A.G.S., Boston University.

**Paul Rabchenuk**, *Lecturer in Government and Economics*. A.B., Suffolk University; M.P.A., University of Pittsburgh.

**Margaret W. Raben**, *Professor of Psychology*. B.A., Smith College; M.A., Ph.D., Columbia University.

**Martin S. Rabin**, *Lecturer in Education*. B.S., Columbia University; M.Ed., Boston University.

**John P. Raftery**, *Lecturer in Education*. A.B., Suffolk University; M.Ed., C.A.G.S., Boston College; Ed.D., Boston University.

**Donald J. Redpath**, *Lecturer in Chemistry*. B.S., M.A. in Ed., M.S., Suffolk University.

**Harald A. T. Reiche**, *Senior Lecturer in Humanities*. A.B., A.M., Ph.D., Harvard.

**Martha E. Richmond**, *Assistant Professor of Chemistry*. A.B., Wellesley; Ph.D., Tufts University.

**Mark Rider**, *Lecturer in Communications and Speech, and Director of Theatre*. B.A., University of California, Los Angeles; M.A., State University of California, San Francisco.

**Carol Robb**, *Lecturer in Humanities*. B.A., Kansas University; M.A., Boston University.

**David L. Robbins**, *Assistant Professor of History*. A.B., Colgate University; M.Phil., Ph.D., Yale University.

**Michael R. Ronayne, Jr.**, *Professor of Chemistry, Dean, College of Liberal Arts and Sciences*. B.S., Boston College; Ph.D., University of Notre Dame.

**Robert W. Ross**, *Lecturer in Journalism*. B.S., Boston University.

**William J. Ruehlmann**, *Assistant Professor of Journalism*. B.A., American University; M.A., University of Arizona; Ph.D., University of Cincinnati.

**Sidney H. Russell**, *Lecturer in Communications and Speech*. B.A., Bridgewater State College; M.Ed., Suffolk University.

**Jerome Sadow**, *Lecturer in Journalism*. B.A., University of Massachusetts; M.A., New York University; M.S., Columbia University.

**William S. Sahakian**, *Professor of Philosophy, and Professor of Psychology*. B.S., Northeastern University; S.T.B., Ph.D., Boston University; D.Sc., (Hon.) Curry College.

**Richard P. Santeusano**, *Lecturer in Education*. A.B., Suffolk; Ed.M., Northeastern; Ed.D., University of Massachusetts (Amherst).

**Vahe A. Sarafian**, *Professor of History*. A.B., Harvard; A.M., Ph.D., Boston University.

**Peter Sartwell**, *Assistant Professor of Education, and Assistant Dean, College of Liberal Arts and Sciences*. A.B., University of Maryland; Ed.D., University of Massachusetts.

**Saroj Sawhney**, *Instructor*. B.A., M.A., Delhi University, India; M.A., Northeastern.

**John C. Shannon**, *Associate Professor of Economics*. B.S., M.A., Boston College.

**Stephen Shatkin**, *Assistant Professor of Education*. A.B., Harvard; M.A.T., Brown University; Ph.D., Ohio State University.

**Edward R. Skeffington**, *Lecturer in Sociology*. A.B., Boston University; LL.B., Suffolk University.

**Beatrice L. Snow**, *Chairman and Professor of Biology; Medical Technology Program Coordinator*. A.B., Suffolk; M.S., Ph.D., University of New Hampshire.

**Cosmo T. Stefaney**, *Assistant Professor of Education and Director of Student Teaching*. B.S., Salem State College; M.Ed., Boston University.

**James Stone**, *Lecturer in Humanities*. S.B., Massachusetts Institute of Technology; M.F.A., Rhode Island School of Design.

**Joseph H. Strain**, *Professor of Educational Administration and Speech, Associate Dean, College of Liberal Arts and Sciences*. A.B., Suffolk; A.M., Boston College; C.A.S., Ed.D., Harvard.

**David G. Stratman**, *Lecturer in English*. A.B., Xavier University; Ph.D., University of North Carolina.



**D. Bradley Sullivan**, *Professor of Administration and Dean of Students*. B.S., Boston State College; M.B.A., Northeastern; Ed.D., Boston College.

**John L. Sullivan**, *Professor of Sociology and Director of Child Welfare and Social Work Programs*. A.B., M.A., Ph.D., Boston College.

**Robert J. Topitzer**, *Assistant Professor of Sociology*. B.S., Holy Cross; M.A., Northeastern, Ph.D., University of New Hampshire.

**Samuel E. Toto**, *Lecturer in Education*. A.B., Providence College; M.Ed., Tufts; Ed.D., Boston University.

**Donald M. Unger**, *Chairman and Professor of Education*. A.B., Dartmouth; A.M.T., Ed.D., Harvard.

**Susan J. Visco**, *Associate Professor of Education*. B.S., Suffolk University; M.Ed., Ph.D., Boston College.

**Stanley M. Vogel**, *Chairman and Professor of English*. A.B., New York University; A.M., Ph.D., Yale.

**Maureen A. Walsh**, *Lecturer in Education*. A.B., Anna Maria College; M.Ed., State College at Worcester.

**Robert C. Webb**, *Professor of Psychology*. A.B., Middlebury; M.A., Brown; Ph.D., Tufts.

**Dorothy C. Wertz**, *Assistant Professor of Sociology*. A.B., Radcliffe; A.M., Ph.D., Harvard University.

**\*\*Arthur J. West II**, *Professor of Biology*. B.S., M.A. in Ed., Suffolk University; M.S., Ph.D., University of New Hampshire.

**Malcolm E. Wetherbee**, *Chairman and Professor of Psychology*. B.S., Gordon; B.D., Harvard; M.A., Ph.D., Boston University.

**Frederick C. Wilkins**, *Professor of English*. B.A., Bowdoin College; M.A., Ph.D., University of Iowa.

**Elizabeth S. Williams**, *Associate Professor of Psychology and Advisor to Women*. A.B., Adelphi; Ed.M., C.A.S., Harvard.

**Thompson F. Williams, Jr.**, *Lecturer in Sociology*. A.B., Suffolk University; M.S.W., Wayne State University; Ph.D., Brandeis University.

**R. Arthur Winters**, *Associate Professor of Education*. A.B., M.A., Rutgers University; M.Ed., Ph.D., University of New York at Buffalo.

**Elyse D. Wolfman**, *Lecturer in Communications and Speech*. B.A., M.A., Emerson College.

**Wilbur L. Young**, *Instructor in Government and Economics*. B.S. in B.A., University of Florida; M.A., University of Wisconsin.

**Joseph W. Zabriskie**, *Lecturer in Sociology*. B.S., University of Maine; M.Ed., Ed.D., Boston University.

**Rudolf Zuckerstatter**, *Professor of Philosophy*. M.A., University of Massachusetts; Ph.D., Harvard.

\*Leave of Absence.

\*\*Sabbatical leave (Fall).

\*\*\*Sabbatical leave (Spring).

## ADJUNCT FACULTY IN MEDICAL TECHNOLOGY

**Chikao G. Hori**, *Adjunct Professor of Biology*. B.A., University of British Columbia; M.S., McGill; M.D., University of Chicago. Director, Cambridge Hospital School of Medical Technology.

**Leonard D. Berman**, *Adjunct Professor of Biology*. M.D., New York University College of Madison. Director, Veterans Administration Hospital School of Medical Technology (Boston).

**Dieter H. Keller**, *Adjunct Professor of Biology*. B.A., Amherst College; M.D., Tufts University. Director, Henry Heywood Memorial Hospital School of Medical Technology, Gardner.

**John H. Meeker**, *Adjunct Professor of Biology*. M.D., George Washington University School of Medicine. Director, Newton-Wellesley Hospital School of Medical Technology.

**Cristine Carter**, *Lecturer in Medical Technology*. B.S., Buffalo-State University of New York. Educational Coordinator, Veterans Administration Hospital School of Medical Technology (Boston).

**Lorraine Cheney**, *Lecturer in Medical Technology*. B.S., Northeastern University. Educational Coordinator, Henry Heywood Memorial Hospital School of Medical Technology, Gardner.

**Jean McCarthy**, *Lecturer in Medical Technology*. B.S., University of Florida. Educational Coordinator, Cambridge Hospital School of Medical Technology.

**Anne Pollock**, *Lecturer in Medical Technology*. B.A., University of Maine. Educational Coordinator, Newton-Wellesley Hospital School of Medical Technology.

## FACULTY STANDING COMMITTEES FOR 1976-1977

### Committees of the Office of the President

#### Alumni Relations:

*Chairperson:* Dr. West. *Members:* Mr. Connelly, Dr. Clark, Mr. Diamond, Mr. J. D. McCarthy, Mr. Kindregan, Dr. S. Mahoney, Dr. Shatkin, Dr. Webb, and Mr. Jones.

#### Community Relations:

*Chairperson:* Mr. Castanino. *Members:* Mr. Connelly, Dr. Clark, Ms. Peterson, Mr. Maleson, Mr. Parks, Dr. Petherick, Mr. Stefaney, and Mr. Waehler.

#### Long Range Planning:

*Chairperson:* Associate Dean Strain. *College Members:* Dr. Archon, Dr. Bonaventura, Mr. Diamond, Dr. Fiorillo, Dr. Lamont, Dean McDowell, Dr. Raben, Dean Ronayne, Dr. Sullivan, Dr. Unger, Dr. Vogel, Dr. Wetherbee, *Law School Members:* Mr. Callahan, Mr. Maleson, and Dean Sargent.

#### Minority Students:

*Chairperson:* The co-ordinator of Minority Student Affairs. *Members:* Mr. Carrick, Dr. Clark, Mr. Coughlin, Ms. Dushku, Dr. Garni, Ms. Johnson, Mr. Jones, Ms. Minardi, Ms. Peterson, Mr. Vaughn, Dr. Winters, and Mr. Workman.



**Status of Women:**

*Convener:* Dr. Bonaventura. *Recorder:* Ms. Minardi. *Members:* Mr. Banks, Ms. Bliss, Ms. Blum, Mr. Eonas, President Fulham, Ms. Holt, Ms. Jordan, Ms. C. Lloyd, Dr. Raben, Ms. Robb, Ms. Scricco, Dr. Wertz, and Dr. Wetherbee. Two student representatives from the College of Liberal Arts and Sciences, two student representatives from the Law School, two representatives from the College of Business Administration and the Graduate School of Administration.

**Trustees' Joint Council on University Affairs:**

*Chairperson:* President Fulham. *Members:* Trustees Fulmer, Hambelton, and Hession, Deans McDowell, Ronayne, and Sargent. Members elected by the Faculty: Two each from the College of Business Administration, College of Liberal Arts and Sciences and Law School.

**Joint Committees of the College of Liberal Arts and Sciences  
and the College of Business Administration**

**Joint Council on Student Affairs:**

*Chairperson:* Dean Sullivan. *Members:* Deans McDowell and Ronayne, Associate Dean Strain, Mr. Kelly, and Ms. Williams. Eight faculty representatives (elected annually), President of Student Government, Editor of the *Suffolk Journal*. One student representative each from the Freshman, Sophomore, Junior and Senior classes, and one from the Evening Division Student Association.

The Dean and the Associate Dean of the College of Liberal Arts and Sciences and the Dean of the College of Business Administration are members of all Joint Committees *ex officio*.

**Committees of the College  
of Liberal Arts and Sciences**

**Academic Standing:**

*Chairperson:* Assistant Dean Sartwell. *Members:* Mr. Barach, Dr. Bates, Dr. Boutelle, Dr. Bray, Dr. Elmusa, Dr. Garni, Dr. W. Johnson, Dr. MacVicar, Dr. S. Mahoney, Dr. Snow, and Dean Sullivan.

**Admissions and Retention:**

*Chairperson:* Dr. Garni. *Members:* Dr. Boudreau, Mr. Buckingham, Dr. Cavanagh, Mr. Coughlin, Dr. Ezust, Dr. Jokinen, Dr. Ledesma, Dr. Lewandowski, Dr. Lewis, Dr. Merzlak, Dean Sartwell, Dean Sullivan, and Dr. Webb.

**Continuing Education:**

*Chairperson:* Dr. M. Mahoney. *Members:* Dr. Boutelle, Dr. DiGuglielmo, Dr. Fehrer, Ms. Guilbert, Dr. Latta, Ms. Mack, Dr. S. Mahoney, Dr. S. McAllister, Ms. Robb, Dean Sartwell, and Dean Strain.

**Curriculum:**

*Chairperson:* Dr. John L. Sullivan. *Members:* Dr. Bonaventura, Dr. Boudreau, Ms. Holmes, Ms. Hughes, Dr. Katz, Dr. Kennedy, Dr. Latta, Dr. S. Mahoney, Dr. Petherick, Dr. Robbins, Mr. Stefaney, Dr. Vogel, Dr. Wertz, Dr. West, and three student members.

**Educational Policy (Elected Committee):**

*Chairperson:* Dean Ronayne. *Members:* Associate Dean Strain, and members elected by the faculty in eight groups with two at large.

**Evening Division and Summer Session:**

*Chairperson:* Dr. Eskedal. *Members:* Dr. Cohn, Dr. Feldman, Mr. Leftin, Ms. Mack, Dr. Merzlak, Dr. Mulvey, Dr. Pearl, Dr. Petherick, Dr. J. L. Sullivan, and Dean Strain.

**Excess Courses:**

*Chairperson:* Dr. Lewandowski. *Members:* Dr. Boutelle, Dr. Elmusa, Dr. Feldman, Dr. Fiore, Mr. Leftin, and Mr. O'Callaghan.

**Faculty Life (Elected Committee):**

*Chairperson:* Elected by Committee. *Members:* Six elected by the faculty for a two year term.

**Fulbright and Danforth Scholarships:**

*Chairperson:* Dr. R. K. Johnson. *Members:* Dr. Berg, Dr. Fang, Dr. Fehrer, Dr. Lloyd, Dr. Myrvaagnes, Dr. Outwater, and Dr. Robbins.

**Health Careers:**

*Chairperson:* Dr. Owens. *Members:* Mr. Buckingham, Dr. Evans, Dr. Feldman, Dr. Jokinen, Dr. Mulvey, and Dr. Richmond.

**Lecture Series:**

*Chairperson:* Dr. Archon. *Members:* Mr. Castanino, Dr. Cavanagh, Dr. Cohn, Dr. Fang, Mr. Jennings, Dr. Kennedy, Dr. Ledesma, Dr. Millner, Mr. Parks, Dr. Wilkins, and Dr. Zuckerstatter.

**Library:**

*Chairperson:* Dr. Chiasson. *Members:* Mr. Burton, Dr. Evans, Dr. Fiore, Dr. Hartmann, Dr. Jokinen, Ms. Kazanowski, Ms. Mack, Dr. Myrvaagnes, Dr. Richmond, Dr. Ruehlmann, Dr. Sahakian, Mr. Shannon, Dr. Topitzer, Dr. Wilkins, and Mr. Hamann, *ex officio*.

**L.I.F.E.:**

*Chairperson:* Dr. Petherick. *Members:* Mr. Burke, Dr. Cavanagh, Dr. Good, Mr. Kelly, Dr. Myrvaagnes, Mr. Parks, and Dr. Wilkins, and three student members.

**Magnet Project Development Group for the Boston Public Schools:**

Dr. Boudreau, Mr. Burton, Mr. Jennings, Dr. Kennedy, and Dr. Marshall.

The constituency of the development group changes according to the logic of specific educational projects under development with four public schools: the Trotter Elementary School, the Horace Mann Middle School, Copley Square High School, and the Boston Trade High School.

**Promotion, Tenure, and Review (Elected Committee):**

*Chairperson:* Dean Ronayne. *Members:* Associate Dean Strain, and other members elected annually by the faculty from Humanities, Social Science, and Natural Science. The Chairperson has the option of appointing two additional faculty members.



**Research:**

*Chairperson:* Dr. Marshall. *Members:* Dr. Fiore, Dr. Hajj, Ms. Jurich, Mr. Leftin, Dr. Mendez-Herrera, Dr. Millner, Dr. Pearl, Dr. Shatkin, and Dr. Sarafian.

**Research and Development of Instruction and Learning:**

*Chairperson:* Dr. Lloyd. *Members:* Dr. Chiasson, Dr. Ezust, Dr. Katz, Dr. Korn, Dr. M. Mahoney, Dr. McCarthy, Dr. Mishara, Dr. Mulvey, Mr. O'Callaghan, Dr. Outwater, and Dr. Topitzer.

**Safari (Study at Foreign Academically Recognized Institutions):**

*Chairperson:* Dr. Wilkins. *Members:* Dr. Boudreau, Dr. Eskedal, Dr. Fang, Dr. Hajj, Mr. Kaszanek, Dr. R. K. Johnson, Dr. Latta, Dr. Sarafian, and Dean Sullivan.

**Social Committee:**

*Chairperson:* Mr. Colburn. *Members:* Dr. Marshall, Dr. M. Mahoney, Mr. Mendez-Herrera, and Mr. Nelson.

**Student Advising:**

*Chairperson:* Dean Sullivan. *Members:* Dr. Cavanagh, Ms. Dushku, Dr. Elmusa, Dr. Fehrer, Dr. Good, Dr. Hannah, Ms. Hughes, Mr. Jennings, Dr. Lamont, Ms. Mack, Dr. M. Mahoney, Dean Sartwell, Dr. Topitzer, and Dr. West.

**Student Conduct:**

A joint faculty, student and administration committee to be selected as needed.

**Student Life:**

*Chairperson:* Dr. MacVicar. *Members:* Dr. DiGuglielmo, Dr. W. Johnson, Dr. Jokinen, Mr. Kaszanek, Dr. Lloyd, Dr. MacVicar, Dr. Mendez-Herrera, Dr. Patterson, Dr. Robbins, Dean Sullivan, and Dr. Winters.

**Student Publications:**

*Chairperson:* Mr. Barach. *Members:* Dr. Bray, Mr. Colburn, Mr. Connors, Dr. Ezust, Dr. R. K. Johnson, Mr. P. R. Jones, Dr. S. Mahoney, Ms. Lottridge, Dr. Ruehlmann, Dean Sullivan, Student Editor of *Venture*, *The Suffolk Journal*, and the *Beacon*.

**Teacher Education:**

*Chairperson:* Dr. Unger. *Members:* Dr. Bates, Dr. Bigelow, Dr. Bonaventura, Mr. Buckingham, Dr. Chiasson, Dr. Hartmann, Dr. W. Johnson, Dr. Katz, Dr. Kennedy, Dr. Mulvey, Dr. Outwater, Dr. Petherick, Dr. Snow, Ms. Williams.

**Trustee Graduate Scholarship:**

*Chairperson:* Dr. Vogel. *Members:* Dr. Fiorillo, Dr. Hartmann, Dr. Hastings, Dr. S. Mahoney, Dr. Marshall, Dr. Snow, Dr. Unger, Dr. Wetherbee, Ms. Williams, and Dr. Zuckerstatter.

The Dean and the Associate Dean are *ex officio* members of all committees of the College of Liberal Arts and Sciences.

**Phi Beta Kappa Faculty Committee**

Mr. Robert Lisle Baker, Esq., Dr. John Berg, Mrs. Betty Brody, Mr. William J. Buckingham, Dr. H. Edward Clark, Dr. Donald L. Cohn, Mr. Louis Dickstein, Dr.

Judith Elmusa, Trustee Vincent A. Fulmer, Dr. William E. Good, Jr., Dr. Donald W. Goodrich, Dr. Edward G. Hartmann, Dr. Walter H. Johnson, Jr., Dr. Hayes C. Lamont, Dr. Cynthia Latta, Mr. Samuel Lehmann, Ms. Ruth Lottridge, Ms. Bette Mandl, Mr. Frederick J. Marchant, Dr. Anthony G. Merzlak, Dr. Stuart A. Millner, Dr. George S. Patterson, Ms. Doris R. Pote, Esq., Dr. Margaret W. Raben, Dr. David Robbins, Ms. Sarah Smith, Dr. Donald M. Unger, Dr. Stanley M. Vogel, and Ms. Louise Weinberg.

**Advisory Committee for  
Crime and Delinquency Programs**

John J. Buckley, Sheriff of Middlesex County  
Louis G. Maglio, Chief Probation Officer, Boston Juvenile Court  
Henry Mascarello, Executive Director, Crime and Justice Foundation  
Edward D. McClure, Community Relations, U.S. Dept. of Justice  
C. Eliot Sands, Commissioner of Probation

**Advisory Committee for Education**

Dr. Nicholas J. Buffone, Professor of Education, Department of Curriculum and Instruction, Northeastern University  
Dr. John Conner, Dean of Faculty, Massachusetts Bay Community College  
Dr. Arthur DellOrto, Chairman, Rehabilitation Counseling Program, Sargent School, Boston University  
Mr. Anthony T. Dileso, Head of History Department, Dorchester High School  
Mr. Frederick J. Gibson, Assistant Superintendent of Schools, Everett Public School System  
Dr. Phyllis M. Henry, Associate Professor of Education and Acting Chairperson, Department of Childhood and Curriculum Education, School of Education, Boston University  
Mr. Girard Hottelmann, Assistant Executive Secretary for Programs, Massachusetts Teacher Association  
Mr. John Mahoney, Headmaster for Administration, Brockton High School  
Mr. Rodney Mansfield, Assistant Superintendent for Curriculum and Instruction, Merrimack Public School System  
Mr. Martin Martinian, Senior Supervisor of Education, Bureau of Student Services, State Department of Education  
Mr. Charles Murphy, Head of English Department, Walsh Middle School, Framingham Public School System  
Mr. F. Edward Nicholas, Superintendent of Schools, Plymouth Public School System  
Dr. John Robinson, Chairman, Department of Education, Simmons College  
Ms. Rhonda Weinstein, Elementary Teacher, Health School, Brookline  
Mr. Harold A. Wiper, Teacher of Biology, Newton Public School System



**Advisory Committee for Child Welfare and Social Work**

Albert F. Hanwell, Chairman; Associate Professor, Boston College Graduate School of Social Work

Dr. John V. Driscoll, Research and Demonstration Specialist, Social and Rehabilitation Services, U.S. Dept. of Health, Education, and Welfare

Clifford W. Falby, Executive Director, New England Home for Little Wanderers

Pauline Gamache, Social Worker, Home for Italian Children

Elaine Kohn, Director of Volunteer Services, Mass. Dept of Public Welfare

John E. McManus, Director, Children and Family Services, New Bedford

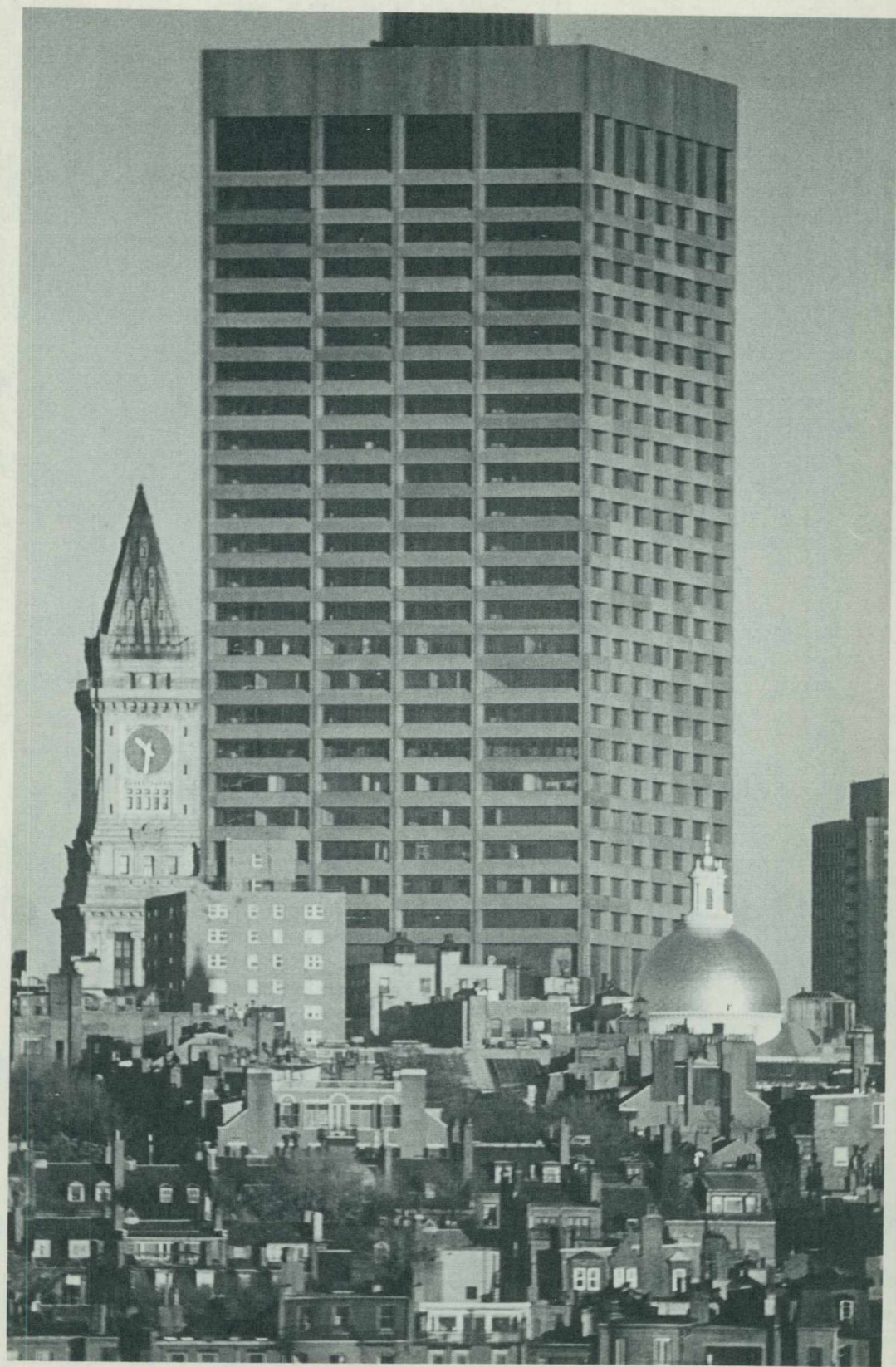
Joseph H. Strain, Associate Dean, Suffolk University

**Suffolk University General Alumni Association**

The General Alumni Association of Suffolk University is an organization whose membership is made up of all degree holders and former students of Suffolk University. Through this organization there exists between the University and its alumni a close contact which is beneficial to both.

**Students Accredited to the College Committee  
of the Suffolk University Board of Trustees**

Four students accredited to meet with the Committee: President, Student Government Association; Vice-President, Student Government Association; President, Sophomore Class; President, Evening Division Student Association.





# CALENDAR

1976

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# COLLEGE CALENDAR

1976-1977

*Holiday*

**Make-up Class**

## FALL SEMESTER 1976

September	7-10, Tuesday-Friday	Registration
	11, Saturday	Saturday classes convene
	13, Monday	Day and evening classes convene
	20, Monday	Last day for new evening student admission and for late registration
	27, Monday	Last day for course changes
October	11, Monday	<i>Columbus Day Holiday</i>
	13, Wednesday-	Spring and Summer Final Examination
	14, Thursday	<b>Make-up</b>
	15, Friday	<b>Make-up class for evening classes cancelled on Monday, October 11</b>
November	11, Thursday	<i>Veterans Day Holiday</i>
	12, Friday	<b>Make-up class for evening classes cancelled on Thursday, November 11</b>
	8-24, Monday-Wednesday	Faculty advising and program approval for Spring Semester
	24-28, Wednesday-Sunday	Thanksgiving recess begins 1:00 P.M. Wednesday, November 24, through Sunday, November 28
December	6-9, Monday-Thursday	Preregistration for students continuing in the Spring Semester
	11, Saturday	Last classes for Fall Semester
	13-18, Monday-Saturday	Fall Semester Final Examinations <i>Christmas recess begins 5:00 p.m. Saturday, December 18, 1976 through Sunday, January 16, 1977</i>

## SPRING SEMESTER 1977

January	5, Saturday	<i>Martin Luther King Day (Holiday)</i>
	17-20, Monday-Thursday	Registration
	22, Saturday	Saturday classes convene
	24, Monday	Day and evening classes convene
	31, Monday	Last day for Special Student admission and last day for registration



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February	5, Saturday 21, Monday <b>23-24 Wednesday-Thursday</b> 25, Friday	Last day for course change <i>Washington's Birthday Holiday</i> <b>Fall Final Examination Make-up</b> <b>Make-up class for evening</b> <b>classes cancelled on Monday,</b> <b>February 21</b>
March	17, Thursday 19-27, Saturday-Sunday	<i>Evacuation Day Holiday</i> Spring Recess
April	18, Monday 19-22, Tuesday-Friday	<i>Patriot's Day Holiday</i> Faculty course advising for students continuing in the Summer Session
May	14, Saturday 16-21, Monday-Saturday 30, Monday	Last class Final Examinations <i>Memorial Day Holiday</i>
June	12, Sunday	Commencement Day

### **SUMMER SESSION 1977**

May 24 - July 1	First Six Week Session
July 6 - August 12	Second Six Week Session
May 24 - July 15	Eight Week Evening Session

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Suffolk University  
Beacon Hill  
Boston, Massachusetts 02114

