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*Sabbatical leave Fall 1983

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Marcia Littlefield, Lecturer in Communications and Speech. B.A., Michigan State University; M.A., Emerson College.


Arch Macdonald, Master Lecturer in Journalism. Ph.B., Providence College.

John D. MacLean, Jr., Lecturer in Education. B.A., University of Massachusetts (Amherst); Ed.M., Suffolk University; Ed.D, Boston University.

John R. Martuccelli, Master Lecturer in Mathematics. B.S., M.S., Massachusetts Institute of Technology.

James E. McCauley, Lecturer in Sociology. B.A., M.S.W., Boston University.

Edward D. McClure, Lecturer in Sociology. B.S., M.A. in Ed., Suffolk University; M.S.W., University of Denver.

Robert A. McLean, Senior Lecturer in Journalism. B.A., Northeastern University.

Peter F. Meggison, Lecturer in Education. A.A., Bristol Community College; B.S., M.Ed., Salem State College; M.A., Rider College; Ed.S., University of Wisconsin (Eau Claire); D.Ed., University of Massachusetts (Amherst).

Carl L. Merrill, Cobcook Bay Laboratory Program Coordinator. B.S., Suffolk University; M.S., University of Delaware.

Joseph Monahan, Lecturer in English. A.B., Fairfield University; M.A., Middlebury College.

Rose Ann Najarian, Lecturer in Education. B.S., Ed.M., Boston University.

Richard J. Olsen, Lecturer in Biology and Physics. B.A., Bridgewater State College; M.S., American University; Ph.D., Rice University.

Robert P. Parks, Lecturer in Chemistry. B.S., Monmouth College; M.S., University of Bridgeport; Ph.D., University of Kansas.

Charles C. Perkins, Lecturer in Education. B.S., University of Wisconsin; J.D., Ed.M., Suffolk University.

Leslie Phillips, Lecturer in Communications and Speech. B.A., Oberlin College; M.A., University of Virginia.

Koorosh Pourghasemi, Lecturer in Mathematics. B.S., M.A., Northeastern University.


Rosemary Reed, Lecturer in Communications and Speech. B.S., Emerson College; M.Ed., Worcester State College.

Carol Robb, Senior Lecturer in Humanities and Languages. B.A., Kansas University; M.A., Ph.D., Boston University.


Harold E. Shively, Master Lecturer in Education. B.S., Ohio State University; M.A., Columbia University; Ed.D. (Hon.), Suffolk University.

Richard Silberman, Lecturer in Philosophy. B.A., Haverford College; M.A., Boston University.

Edward R. Skeffington, Senior Lecturer in Sociology. A.B., Boston University; LL.B., Suffolk University.

John S. Sloan, Lecturer in Physics. B.S., Fairleigh Dickinson University; Ph.D., University of Massachusetts.

Richard J. Stoker, Lecturer in English. B.A., University of Washington; M.A., University of Oregon; Ph.D., State University of New York.

Elizabeth J. Tenore, Lecturer in Education. A.B., Boston University; M.Ed., Northeastern University.
Susan C. Thayer, Lecturer in Education and Assistant Director of Learning Resource Center. B.A., Syracuse University; M.Ed., Suffolk University.


Thompson F. Williams, Jr., Lecturer in Sociology. A.B., Suffolk University; M.S.W., Wayne State University; Ph.D., Brandeis University.

Joseph W. Zabriskie, Lecturer in Sociology. A.B., Suffolk University; M.S.W., Wayne State University; Ph.D., Brandeis University.


Committees of the College of Liberal Arts and Sciences

Academic Standing:
Chairperson: Assistant Dean Sartwell. Members: Dr. Ash, Dr. Bain, Mr. Garneau, Dr. Garni, Mr. Greenberg, Dr. Lyons, Dr. MacVicar, Dr. McKinley, Dr. Morton, Dr. Patterson, Dr. Preiss, Dr. Sawhney, Dr. Snow, and Dean Sullivan.

Admissions and Retention:
Chairperson: Dr. Greenberg. Members: Ms. Arenberg, Dr. Cavanagh, Mr. Coughlin, Dr. D’Abrasca, Dr. Garni, Dr. Hajj, Dr. W. Johnson, Ms. Joyce, Dr. Lewis, Dr. Marchant, Dr. Morton, Dr. Mulcahy, Ms. Pastor, Dr. Pearl, Ms. Perry, Dr. Preiss, Dean Sartwell, Dean Sullivan, and Dean Webb.

Continuing Education:
Chairperson: Dr. D’Abrasca. Members: Dr. Ash, Dr. Garni, Dr. Greenberg, Dr. Hannah, Dr. Hourtinenne, Ms. Mack, Dr. T. Marshall, Dr. Mattei, Dr. Pearl, Dr. Peary, Dr. Rhodes, Dr. Robbins, Dean Sartwell, Dr. Spitzer, and Dean Sullivan.

Curriculum:
Chairperson: Dr. Robbins. Members: Dr. Ash, Dr. Bigelow, Dr. Boudreau, Dr. Cohn, Dr. Drexler, Ms. Fine, Dr. Hajj, Dr. Harris, Dr. W. Johnson, Dr. Katz, Dr. Richmond, Dr. Snow, Dr. J. Sullivan, Dr. Tuerck, Dr. Zuckerstatter, and three student members.

Educational Policy (Elected Committee):
Chairperson: Dean Ronayne. Members: Assistant Dean Sartwell and members elected by the faculty in eight groups with two at large. Excess Course:

Extracurricular Events:
Chairperson: Dr. Boudreau. Members: Mr. Andersson, Dr. Boone, Dr. Chiasson, Dr. Ezust, Dr. Friedman, Dr. Howe, Dr. Mendez-Herrera, Dr. Millner, Ms. Wilcke, Dr. Wilkins, and three student members.

Faculty Life:
Chairperson: Dr. Richmond. Members: Dr. Bigelow, Dr. Drexler, Dr. Hannah, Dr. Katz, and Dr. Robbins.

Faculty Representatives to the College Committee of the Board of Trustees:
Members: Speaker of the Educational Policy Committee, an elected member from the Committee on Promotion, Tenure and Review, Chairperson of the Faculty Life Committee, and one member elected AT LARGE by the College Faculty.

Fulbright Scholarship and Mellon Fellowship Committee:
Chairperson: Dr. Robbins. Members: Dr. Bain, Dr. R.K. Johnson, Dr. Lloyd, Dr. Millner, Dr. Myrvaghes, and Dr. Outwater.

Health Careers:
Chairperson: Dr. West. Members: Mr. Garneau, Dr. Greenberg, Dr. Hannah, Dr. Mattei, Dr. Mulcahy, and Dr. Richmond.

Integrated Studies:
Chairperson: Dr. Spitzer. Members: Dr. Bonaventura, Dr. DiLiddo, Dr. Elmusa, Dr. Greenberg, Dr. Hastings, Ms. Hughes, Dr. McCarthy, Dr. Robbins, Dr. Sahakian, Dr. Smythe, and Dr. Wilkins.

Journalism Advisory Committee:
Chairperson: Dr. Ronayne, Dean, College of Liberal Arts and Sciences. Members: Mr. Baker, President and General Manager, WNEV-TV; Mr. Barach, Chairperson, Department of Journalism; Mr. Finnan, President, Massachusetts Press Association; Prof. Jaffe, Former Chairperson of Journalism, Long Island University; Prof. Poole, Department of Communication, Simmons College; Mr. Regan, Director of Communications, Boston City Hall; Dr. Strain, Associate Dean, College of Liberal Arts and Sciences; Mr. Taylor, Director, Affiliated Publications.

Lecture:
Chairperson: Dr. Mendez-Herrera. Members: Dr. Boone, Dr. Cavanagh, Dr. Cohn, Dr. Howe, Dr. Millner, Dr. Sarafian, Dr. Sawhney, Dr. Wilkins, and Dr. Zuckerstatter.

Library:
Chairperson: Dr. Lewis. Members: Dr. Berg, Dr. Chiasson, Mr. Garneau, Ms. Lottridge, Dr. S. Mahoney, Dr. Preiss, Dr. Rhodes, Dr. Robbins, Mr. Shannon, Dr. Topitzer, Ms. Williams, and Mr. Hamann, ex officio.

L.I.F.E.:
Chairperson: Dr. Good. Members: Dr. Boone, Dr. Ezust, Dr. Mendez-Herrera, Mr. Parks, Dr. Shelley, Dr. Wilkins, and three student members.

Magnet Project Development Group for the Boston Public Schools:
Dr. McCarthy, Campus Coordinator; Dr. Boudreau, Advisor.

Merit Scholarship and Honors Graduation:
Chairperson: Dr. Lloyd. Members: Dr. Boudreau, Dr. Elmusa, Dr. Good, Dr. W. Johnson, Ms. Lottridge, Dr. Robbins, Dr. Snow, Dr. Spitzer, and Dr. Vogel.

Phi Beta Kappa Faculty Committee:
Chairperson: Dr. W. Johnson. Members, Dr. Arnaud, Mr. Baker, Esq., Dr. Berg, Dr. Clark, Dr. Cohn, Dr. Elmusa, Trustee Fulmer, Dr. Good, Dr. Harding, Dr. Hartmann, Ms. Lottridge, Dr. A. Mandl, Dr. B. Mandl, Dr. Marchant, Dr. Merzak, Dr. Millner, Dr. Patterson, Dr. Raben, Dr. Richman, Dr. Robbins, Dr. Unger, and Dr. Vogel.

Pre-Law Advising:
Chairperson: Prof. O’Callaghan. Members: Ms. Cellar, Dr. Greenberg, Dr. Harris, Prof. Kindregan, Dr. Merzak, Dr. Morton, Dr. Pearl, Dean Sullivan, and Dr. Webb.
MEMORANDUM
SUFFOLK UNIVERSITY

September 22, 1983

TO: All Members of the Faculty, College of Liberal Arts and Sciences

FROM: Dr. Michael R. Ronayne, Dean, College of Liberal Arts and Sciences

SUBJECT: ELECTION RESULTS - COMMITTEE ON PROMOTION, TENURE AND REVIEW

Dr. William Good, Professor of Chemistry, has been elected to fill the position left vacant by Dr. Bonaventura, on the Committee on Promotion, Tenure and Review.

Below, please find a summary of the elected Committees for the 1983-1984 academic year.

EDUCATIONAL POLICY COMMITTEE

<table>
<thead>
<tr>
<th>GROUP</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUP A</td>
<td>Dr. Anthony Merzlak (1982-84)</td>
</tr>
<tr>
<td>GROUP B</td>
<td>Dr. David Robbins (1982-84)</td>
</tr>
<tr>
<td>GROUP C</td>
<td>Dr. Rebecca DiLiddo (1982-84)</td>
</tr>
<tr>
<td>GROUP D</td>
<td>Dr. George Patterson (1982-84)</td>
</tr>
<tr>
<td>GROUP E</td>
<td>Dr. Agnes Bain (1983-85)</td>
</tr>
<tr>
<td>GROUP F</td>
<td>Dr. Arthur Chiasson (1982-84)</td>
</tr>
<tr>
<td>GROUP G</td>
<td>Professor Thomas Stefaney (1983-85)</td>
</tr>
<tr>
<td>GROUP H</td>
<td>Dr. Paul Korn (1983-85)</td>
</tr>
<tr>
<td>AT LARGE</td>
<td>Dr. Donald Morton (1982-84)</td>
</tr>
<tr>
<td></td>
<td>Dr. Kenneth Greenberg (1983-85)</td>
</tr>
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</table>

PROMOTION, TENURE AND REVIEW COMMITTEE 1983-84

<table>
<thead>
<tr>
<th>Humanities</th>
<th>Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cleo Boudreau '82-'84</td>
<td>Donald Unger '82-'84</td>
</tr>
<tr>
<td>Stuart Millner '83-'85</td>
<td>Judith Elmusa '83-'85</td>
</tr>
</tbody>
</table>
PROMOTION, TENURE AND REVIEW COMMITTEE

NATURAL SCIENCE

William Good '83-'85
Arthur West '83-'85

APPOINTED BY DEAN

Kenneth Garni
Sheila Mahoney

FACULTY LIFE COMMITTEE

Dr. Blair Bigelow
Dr. Joseph Drexler
Dr. William Hannah

Dr. Harvey Katz
Dr. Martha Richmond (Chair)
Dr. David Robbins
MEMORANDUM
Suffolk University

TO: All Full-Time CLAS Faculty Members
FROM: Kenneth Greenberg, Steven Patterson, and David Robbins
EPC Sub-Committee on Elections
DATE: May 7, 1984
RE: EPC and PTR Election Results for 1984-86

The following members of the CLAS full-time faculty have been elected
to serve two-year terms during 1984-86 on the CLAS Educational Policy Committee
and on the CLAS Promotion, Tenure, and Review Committee:

Educational Policy Committee
GROUP A - English Dr. Blair Bigelow
GROUP B - History and Philosophy Dr. William Sahakian
GROUP C - Biology and Mathematics Dr. Peter Burn
GROUP D - Chemistry and Physics Prof. Robert Garneau
GROUP F - Humanities and Languages, Journalism, and Communications and Speech
Dr. Edward Harris
AT LARGE - Prof. Ann Hughes
CONTINUING MEMBERS SERVING 1983-85 TERMS: Dr. Agnes Bain (GROUP E - Government,
Economics, and Sociology), Prof. Thomas Stefaney (GROUP G - Education and
Physical Education), Dr. Paul Korn (GROUP H - Psychology and Psychological
Services), and Dr. Kenneth Greenberg (AT-LARGE)

Promotion, Tenure, and Review Committee
HUMANITIES Dr. David Robbins
NATURAL SCIENCES Dr. William Good
SOCIAL SCIENCES Dr. Sheila Mahoney
CONTINUING ELECTED MEMBERS SERVING 1983-85 TERMS: Dr. Stuart Millner (HUMANITIES),
Dr. Arthur West (NATURAL SCIENCES), Dr. Judith Elmusa (SOCIAL SCIENCES)
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. Millner. Members: Dr. Bonaventura, Dr. Berg, Dr. R.K. Johnson, Dr. W. Johnson, Dr. Lloyd, Ms. Kelleher, Dr. McCarthy, Dr. Pearl, and Dr. Rhodes.

Research and Development of Instruction and Learning:
Chairperson: Dr. Chiasson. Members: Dr. Chiasson, Dr. Howe, Dr. Katz, Dr. Korn, Dr. Lloyd, Mr. O’Callaghan, Dr. Outwater, Dr. Todd, and Dr. Topitzer.

SAFARI (Study at Foreign Academically Recognized Institutions):
Chairperson: Dr. Chiasson. Members: Dr. Boudreau, Dr. Eskedal, Dr. Hajj, Dr. Howe, Dr. R.K. Johnson, Dr. T. Marshall, Dr. Sahakian, Dr. Sarafian, Dean Sullivan, and Dr. Wilkins.

Social Committee:
Chairperson: Dr. Cavanagh. Members: Dr. Bain, Dr. M. Mahoney, Dr. Marshall, Dr. Mendez-Herrera, Dr. Mulcahy, Mr. Nelson, Ms. Perry, Dr. Smythe, and Ms. Williams.

Student Conduct:
A joint faculty, student and administration committee to be selected as needed.

Student Life:
Chairperson: Dr. Marchant. Members: Dr. DiLiddo, Mr. Garneau, Dr. MacVicar, Dr. Mendez-Herrera, Dr. Robbins, Dean Sartwell, Dean Sullivan, and Dr. Winters.

Student Publications:
Chairperson: Mr. Barach. Members: Mr. Connors, Dr. Ezust, Dr. R.K. Johnson, Mr. P.R. Jones, Dr. S. Mahoney, Ms. Lottridge, Dr. Peary, Dr. Preiss, Dr. Sarafian, Dean Sullivan, Student Editor of Venture, Student Editor of the Journal, Student Editor of the Beacon, Student Editor of the Suffolk Evening Voice, Student Manager of WSUB, and Student Manager of WSFR.

Students Accredited to the College Committee of the Suffolk University Board of Trustees:
Five students accredited to meet with the Committee: President, Student Government Association; Vice-President, Student Government Association; President, Sophomore Class; President, Evening Division Student Association; Vice-President, Evening Division Student Association.

Summer Session:
Chairperson: Dr. J.L. Sullivan. Members: Dr. Bain, Dr. Cohn, Dr. DiLiddo, Dr. Jennings, Dr. Merzlak, Dr. Pearl, Dean Strain, and Dr. Winters.

Trustee Graduate Scholarship:
Chairperson: Dr. Zuckerstatter. Members: Dr. Fiorillo, Dr. Hastings, Dr. Marshall, Dr. Robbins, Dr. Snow, Dr. Unger, Dr. Vogel, and Dr. Wetherbee.

The Dean and the Associate Dean are ex officio members of all committees of the College of Liberal Arts and Sciences.

Women’s Studies Advisory Committee:
Chairperson: Dr. Bain. Members: Dr. Berg, Dr. DiLiddo, Ms. Gralla, Ms. Hughes, Dr. Lloyd, Ms. Mandl, Dr. Mattei, Dr. Richmond, Dr. Robb, Dr. Spitzer, Dr. Todd, and Ms. Zybala.
Financial Information
(These rates supersede those listed on pp. 12-14.)

Tuition
Tuition charges are based on (1) the number of courses carried and on (2) whether the student is an undergraduate or graduate student. A full-time course load consists of either four or five courses or 12-17 semester hours of credit per term.

Full-Time Course Load (12-17 Semester hours per term.)
Undergraduate Courses $3990 per year
   $1995 per semester
Graduate MPA $4680 per year
   $2340 per semester
Graduate MBA $4830 per year
   $2415 per semester
Graduate MED $4440 per year
   $2220 per semester
Excess Courses $133 per semester hour - undergraduate
   $156 per semester hour - graduate MPA
   $161 per semester hour - graduate MBA
   $148 per semester hour - graduate MED

Part-Time (1 to 3 courses per term — 11 semester hours maximum), Extension and Summer Courses.
Undergraduate Courses $354 per 3 credit course
   $118 per semester hour
Graduate — MPA $468 per 3 credit course
   $156 per 3 credit course
Graduate — MBA $483 per 3 credit course
   $161 per semester hour

Graduate — MED $444 per 3 credit course
   $148 per semester hour
Executive MBA $547 per 3 credit course through July 1983 Session.
   $613 per 3 credit course as of October 1983 Session.
Executive MPA $532 per 3 credit course through July 1983 Session.
   $598 per 3 credit course as of October 1983 Session.

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.

It can be assumed that with continued inflation and its effect on the cost of education, tuition will probably rise each year.

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 for the full semester, even though in approved emergencies the student’s tuition liability may be reduced as described on page 13.

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 $10 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 Manager of Student Accounts, he or she will be dismissed immediately from the University. Collection agency costs or attorney fees will be added to delinquent accounts if necessary.

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 1983 Summer Session rate will be:

- Undergraduate $330 per 3 semester hour
- MPA & MED $417 per 3 semester hour
- MBA $432 per 3 semester hour

The 1984 Summer Session rate will be:

- Undergraduate $354 per 3 semester hour
- MPA $468 per 3 semester hour
- MBA $483 per 3 semester hour
- MED $444 per 3 semester hour

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

**Tuition Liability**

Students who are obligated to withdraw from the University or drop courses before the end of the fourth week of the fall or spring terms will, on the recommendation of the Dean of Students and approval of the Manager of Student Accounts, receive a reduction of their tuition liability according to the following schedules:

### Undergraduate and Graduate Programs (excluding Executive MBA)

**Withdrawal Notice or Drop form filed and approved:**

<table>
<thead>
<tr>
<th>Student is liable for:</th>
<th>Prior to start of classes</th>
<th>Within two weeks from start of classes</th>
<th>Within three weeks from start of classes</th>
<th>Within four weeks from start of classes</th>
<th>After four weeks from start of classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>20%</td>
<td>50%</td>
<td>75%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

### Executive MBA/MPA Program

**Withdrawal Notice or Drop form filed and approved:**

<table>
<thead>
<tr>
<th>Student is liable for:</th>
<th>Prior to start of classes</th>
<th>Within two weeks from start of classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>50%</td>
<td></td>
</tr>
</tbody>
</table>

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 Registrar’s Office. Non-attendance does not constitute official withdrawal. The Summer Session Tuition Liability is published separately.

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

Application Fee (Non refundable) $ 20.00
Tuition Deposit (Full-time applicants only.
   Non refundable) 100.00
Deferred Tuition (Service charge for installment payments) 10.00
Late Registration (First two weeks) 25.00
Late Registration (After first two weeks) 50.00
Tuition Surcharge (Per semester for each laboratory course — designated with an “L” or “F” in the course title) 30.00
Change of course (Charged after second week) 10.00
SCUBA 150.00
Make-up Examination (per Examination) —
petition Dean of Students 10.00
Transcripts (first copy free, $1.00 per second copy, and 50¢
   per additional copy made at the same time) 1.00
Petition for Readmission (students dropped for academic or other reasons) 15.00
Graduation Fee — June graduation and commencement
   January and September graduation 25.00 8.00
Student Activities Fee, per semester:
   Full-time undergraduate 22.50
   Full-time graduate, except MBA 5.00
   Part-time undergraduate and graduate, except MBA 5.00
   All MBA 10.00
Cobscook Bay Laboratory 12.00/day, $75/week

Special fees are assessed for courses involving travel, theatre tickets, and similar expenses.

It can be assumed that during four years of attendance, with continued inflation and its effect on the cost of education, tuition will probably rise each year.

Office of Financial Aid
(This information supersedes that listed on pp. 15-18.)

Suffolk University Scholarships In addition to the federal, state, and university scholarships already outlined herein, there are several other scholarship funds, each with different criteria.

The Ely Scholarship Fund provides assistance to needy minority males from the City of Boston.
The Nelson Burke Scholarship is available to residents of the state of Rhode Island.
The Thomas Fulham Scholarship is a merit scholarship given on the basis of academic promise and scholastic achievement to entering freshmen.

Other donor/restricted scholarships include the Henry Warren Scholarship, Agnes Driscoll Scholarship, Inner-City Scholarship, and the John E. Fenton Scholarship.

For further information on this and other scholarship programs, contact the Office of Financial Aid.

At the time of publication, federal and state legislation was pending that could result in changes to the provision and regulations of certain financial aid programs outlined herein. Contact the Office of Financial Aid for further information.

Deadlines November 10, 1983 — Spring review/appeal applications and January transfer student applications are due. (Spring, 1983 semester)
February 15, 1984 — Summer, 1984 aid applications and other supporting documents are due. Note: This is a change in the deadline from prior years.

March 1, 1984 — Applications for student financial assistance for the 1984-85 academic year must be submitted to the Office of Financial Aid. A complete application includes the filing of the Financial Aid Form (FAF) of the College Scholarship Service (CSS), Suffolk University Aid Application, and official statements of income (i.e. tax return).

University Mission Suffolk University is an independent, coeducational institution located on Beacon Hill, in the heart of Boston, close to the centers of government and law, science and medicine, education and technology, commerce and culture. Under the policies established by its Board of Trustees, the University provides educational opportunities of high quality in order to assist a wide range of students to realize greater social, economic, and professional opportunities.

Since its inception, Suffolk University’s fundamental mission has been to respond to the evolving needs of society by providing an opportunity for motivated and capable students to obtain a quality education in a challenging yet supportive environment, at an affordable cost. This mission also includes a commitment to public service, research and continuing education. In achieving its mission, the University places students at the center of its efforts and value structure, and emphasizes academic excellence through teaching based on the application of theory and research to practice. The University offers day and evening programs at both the graduate and undergraduate levels throughout the year.

The Law School, which confers the JD degree, provides instruction of the highest quality in legal theory, process and practice, taking advantage of the urban setting to educate students from the northeastern United States and from across the nation.

The purpose of the College of Liberal Arts and Sciences is to provide a traditional liberal arts education with a professional component, one which is comprehensive and thorough, which prepares students to live enlightened and productive lives and to earn a living. The College offers liberal arts programs in the humanities, the natural and social sciences, including undergraduate career-related and professional tracks in each major, as well as graduate programs in education.

The School of Management offers programs in management and public administration for the public, non-profit, and private sectors that develop ability in problem solving and decision making in an organized setting.

As a private, urban university accessible to people of varied ages and of all religious, ethnic, and socio-economic backgrounds, Suffolk University serves a metropolitan and, to a growing extent, regional and national clientele. The University provides academic services for people of various levels of preparation and ability, and programs of sufficient depth and academic quality as to challenge the most able.
Application for Degree Students must submit an Application for Degree to the Accounting Office at the BEGINNING of the student's final semester. However, students who take courses in the second evening Summer Session are not eligible for September graduation, but may graduate the following January or June. Upon filing this application, the student is required to pay the Graduation fee. The Registrar will not accept any forms for processing 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.

Dean's High Honors List A student shall be eligible for the Dean's High Honor List in any semester in which his or her grade-point average is at least 3.70 and provided he or she receives no grade of D, F, or I, and has earned a minimum of 12 semester hour credits.

Dean's Honors List A student shall be eligible for the Dean's Honor List in any semester in which his or her grade-point average is between 3.30 and 3.699 inclusive and provided he or she receives no grade of D, F, or I, and has earned a minimum of 12 semester hour credits.

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 the major course. The last thirty hours in any bachelor's degree program must be earned at Suffolk. Eight years is the normal limit for completion of part-time or interrupted degree programs.

Graduation With Honors The policy to be followed to determine graduation with honors is that any student who entered in September of 1981 or later would fall under the new criteria, pp. 33-34. Any student who entered before September 1981 would fall under the old criteria as described in the catalog in effect at the time of the student's admission.

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 be earned at Suffolk.

Corrections On page 36, in section "C. Logic/Speech:" — Course sequence should be Philosophy 113 and Communications and Speech 103.

On page 38, in section "O. Government:" — Government 221 should be 261 (Theory and Practice of International Relations), and Government 234 should be 274 (Political Theory I, Plato to Machiavelli).

Course Numbering System Course numbers are read as follows:

000-099 Development Programs (see advisor)
100-199 Introductory Level
200-299 Intermediate Level (prerequisite may be required)
300-499 Intermediate and Advanced Level (prerequisite may be required)
500-599 May be taken by both Undergraduate and Graduates (faculty permission required)
600-699 Developmental Programs (see advisor)
700-899 General Course
900-999 Advanced Level (faculty permission required)

Course numbers ending in "0" are given without credit. Course numbers ending in a one or a two are parts of a two-semester sequence, with part one normally completed before part two is undertaken.
Cooperative Education Program
Cooperative Education is an approach to learning that integrates academically relevant work experience with classroom education. Students in the co-op program work full or part-time in a job directly related to their major course of study. The co-op experience allows students to make more realistic career choices; learn through the practical application of their academic study; become more competitive in the job market upon graduation and in many instances earn a significant portion of their college tuition.

All full-time College of Liberal Arts and Sciences and School of Management students are eligible for the coop program if they have completed their freshman year (or one semester for transfer and graduate students) and have earned a grade point average of 2.5 or above. Coop is an optional, non-credit program and students may choose to enroll in only one or as many as five (5) full-time or nine (9) part-time coop work terms. Work terms coincide with the school calendar, beginning and ending at the start and finish of each semester — the Fall assignment begins September 1 and ends December 31, the Spring work term begins January 2 and ends mid-May, and the Summer work term begins mid-May and ends August 31. Because coop students make use of the summer term to either work or attend classes the longest it will take to complete a degree is 4½ years for students who work in full-time coop placements. Those who enroll in part-time placements work while attending classes and often graduate in four (4) years.

Coop placements are available with all types of employers: accounting firms, banks, brokers, and retailers; hospitals, universities, government, and social service agencies. The specific placement for which students apply depend upon interest, experience, and ability. There are placements suitable for sophomores with no employment experience as well as for seniors and graduate students about to enter the professions.

The Cooperative Education Office is open during regular university work hours to answer questions or take applications. An orientation session will be held prior to each work term for all interested students.

Learning Resource Center
The Learning Resource Center exists to help students become efficient, independent learners. Staff members work with students individually or in small groups in the instruction of academic skills related to success in college.

These academic skills include:
- Text study strategies
- Listening and note-taking
- Critical thinking
- Problem-solving
- Exam preparation
- Time management

Learning Resource Center peer tutors assist students in applying learning and study skills to coursework.

The Learning Resource Center houses an extensive collection of self-study resource materials. These resources for learning study skills and subject area skills can be found in audio/visual programs, print material, or computer-assisted instruction.

The Learning Resource Center is located in the Archer Building, Room 331, on the corner of Derne and Temple Streets. The Center is open 9:00 a.m. to 4:30 p.m. Monday through Friday, and evenings as posted each semester. The Center is open to all Suffolk University students. For further information stop by the Center or call 723-4700 ext. 235.
Biology

New Courses

BIO 103 — Basic Anatomy and Physiology.
Designed for non-science majors considering a career in a health related profession. Provides an introduction to the structure and function of the human body. Lectures and reading include topics in cell biology, the skeleton, muscles, nerves, digestion, circulation, excretion, and endocrinology. Prerequisites: Biology 101, L101. 3 hours lecture. 1 term — 3 semester hours. Days or evenings.

BIO L103 — Basic Anatomy and Physiology Lab. Laboratory investigations in human structure and function including histology, the skeleton, muscles, nerve and central nervous systems, digestions and excretion. 3 hours laboratory. 1 term — 1 semester hour. Days or evenings.

Life Studies Major

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 409 (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 Chairperson 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.

Associate in Science Degree (Biotechnology)

An Associate in Science degree program in Biotechnology combines the initial two years of a biology degree program with a directed summer work experience in an approved private or governmental research facility working in the area of genetic engineering. Upon satisfactory completion of the prescribed course-work and a summer internship at the end of the freshman year, an Associate in Science degree will be awarded. A student may choose to continue studies toward the baccalaureate.

Associate in Science (Biotechnology)

First Year (1st Sem.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 101, L101/113, L113</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 111, L111</td>
<td>4</td>
</tr>
<tr>
<td>Math Option</td>
<td>3</td>
</tr>
<tr>
<td>English 101</td>
<td>3</td>
</tr>
<tr>
<td>Integrated Studies 111</td>
<td>3</td>
</tr>
</tbody>
</table>

17

(2nd Sem.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 274, L274</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 112, L112</td>
<td>4</td>
</tr>
<tr>
<td>Math Option</td>
<td>3</td>
</tr>
<tr>
<td>English 102</td>
<td>3</td>
</tr>
<tr>
<td>Integrated Studies 112</td>
<td>3</td>
</tr>
</tbody>
</table>

17

Summer Session

Industry Internship: Biology 479 — 1 semester hour

Second Year (1st Sem.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 375, L375</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 211, L211</td>
<td>4</td>
</tr>
<tr>
<td>English 213</td>
<td>3</td>
</tr>
<tr>
<td>*Soc./Hum. Option I</td>
<td>3</td>
</tr>
</tbody>
</table>

14

(2nd Sem.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 275, L275</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Speech/Logic</td>
<td>3</td>
</tr>
<tr>
<td>*Soc./Hum. Option II</td>
<td>3</td>
</tr>
</tbody>
</table>

13

* 3 semester hours in Sociology option required
* 3 semester hours in Humanities option required
Bachelor of Science Degree (Cytotechnology)  
Subject to final approval Fall 1983

Through an affiliation with the Boston School of Cytotechnology, students prepare for the Registry Examination in Cytotechnology in order to qualify as a professional Cytotechnologist. Students spend the first three years fulfilling the requirements of the biology major which includes the prerequisite courses needed to enter the Boston School of Cytotechnology. Upon satisfactory completion of both course work and the hospital associated laboratory training, the student will receive the Bachelor of Science degree from Suffolk University. The student may then embark upon a rewarding health science career as a professional Cytotechnologist concerned with cancer detection and identification.

Bachelor of Science Degree (Cytotechnology)

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 113-114, L113-L114</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry 111-112, L111-L112</td>
<td>8</td>
</tr>
<tr>
<td>Math 161, Option</td>
<td>6</td>
</tr>
<tr>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>Integrated Studies</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>34</td>
</tr>
</tbody>
</table>

**Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 274, L274, 277, L277</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry 211, L211, 314, L314</td>
<td>8</td>
</tr>
<tr>
<td>Speech/Logic</td>
<td>6</td>
</tr>
<tr>
<td>Soc. Sci. Option</td>
<td>3</td>
</tr>
<tr>
<td>Scientific Writing</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>32</td>
</tr>
</tbody>
</table>

**Junior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology Major Electives * &amp; Biology 375, L375</td>
<td>12</td>
</tr>
<tr>
<td>Physics 111-112, L111-L112 or 151-152, L151-L152</td>
<td>8</td>
</tr>
<tr>
<td>Humanities Option</td>
<td>6</td>
</tr>
<tr>
<td>Soc. Option</td>
<td>3</td>
</tr>
<tr>
<td>Biology Seminar</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>30</td>
</tr>
</tbody>
</table>

**Senior**

Twelve-month training program in Cytotechnology credits to complete the 122 hour degree credits will be transferred.

*Major Electives must be selected from:

Biology 273, L273  
Biology 376, L376  
Biology 385, L385  
Biology 403, L403  
Biology 213

Communications and Speech

**New Course**

CSP 495 — Advanced Legal Communication.  
Detailed study of communication in the courtroom. Emphasis on presentation of opening statements and final summations through mock trial exercises. Pre-requisite CSP 439 or equivalent. 1 term — 3 semester hours. Normally offered every other year.

Computer Science

**New Course Names**

CMPSC 253 Assembly Language and Computer Structure  
CMPSC 255 Architecture of Computer Systems  
CMPSC 263 File Processing  
CMPSC 355 Operating Systems  
CMPSC 365 Computer Networks

**Discontinued Course**

CMPSC 466 Device Drivers
Dramatic Arts

The major in Dramatic Arts is a cooperative program of the Department of Communications and Speech and the Department of English. A student may elect either the A.B. or B.S. degree, and will be assigned an advisor from the Department of his/her intended concentration: from the Department of Communications and Speech if the concentration is in acting, directing, or technical theater and from the Department of English if the concentration is in dramatic literature.

A major in Dramatic Arts consists of 15 semester hours of Communications and Speech; 15 hours of English in addition to the required Freshman and Sophomore English requirements; and 12 hours of related electives, half of which may be taken in the above-named Departments. Other courses recommended as related electives are those in French, German or Spanish dramatic literature, in translation, offered by the Department of Humanities and Modern Languages. Dramatic Arts majors must take Masters of the Drama I and II, Introduction to Theater Arts, and Acting I.

Dramatic Arts majors are encouraged to participate in all Suffolk Student Theater programs and productions as well as working as production interns for Suffolk Theater Company at Suffolk University, the oldest professional, non-profit university resident theater in Boston.

Economics

Associate Professors: Tuerck (Chairperson), Shannon
Assistant Professors: Mohtadi, Sawhney
Senior Lecturer: Kenea
Lecturers: Foglia, Kafi-Tehrani.

The Department offers the A.B. and the B.S. degree in Economics. Students entering in Fall, 1983 may choose one of three "tracks" or areas of concentration. Each track requires the student to complete the following courses:

<table>
<thead>
<tr>
<th>General Major Requirements</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics 213 (Principles of Economics — Micro)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 214 (Principles of Economics — Macro)</td>
<td>3</td>
</tr>
<tr>
<td>Social Science F213 (Computer Applications in the Social Sciences)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 216 (Introduction to Statistics I)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 217 (Introduction to Statistics II)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 333 (Money and Banking)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 424 (Intermediate Micro Theory)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 414 (Intermediate Macro Theory)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 408 (Senior Seminar in Economics)</td>
<td>3</td>
</tr>
</tbody>
</table>

Track A, Concentration in Econometrics is intended for students who anticipate careers as economists in business or government or graduate study in Economics. It emphasizes economic model building and forecasting. Students choosing this track must, in addition to the general major requirements listed above, take Economics 421 (Econometrics I) and 12 hours of related electives approved by the Department. They must also take Mathematics 161-162 (Calculus I and II), which they may use to satisfy the College requirement for an Introductory Mathematics sequence.

Track B, Concentration in Managerial Economics is intended for students who anticipate careers in business. Students choosing this track must, in addition to the general major requirements listed above, take Economics 301 (Quantitative Methods in Economics) and 12 hours of related electives approved by the Department.

Track C, Concentration in Economic Policy is intended for prelaw students and for students who anticipate careers in public service. It emphasizes the economic basis of public policy and of jurisprudence. Students choosing this track must, in addition to the general major requirements listed above, take Economics 307 (Economics of Public Policy) and 12 hours of related electives approved by the Department.

Note: The following prerequisites will take effect in the Fall, 1984:

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics 213 (Principles-Micro)</td>
<td>Math 111-112 (Finite Math I-II) or Math 143 (Precalculus)</td>
</tr>
<tr>
<td>Economics 214 (Principles-Macro)</td>
<td>Math 161 (Calculus I)</td>
</tr>
<tr>
<td>Economics 213</td>
<td>Economics 213 (Principles-Micro)</td>
</tr>
</tbody>
</table>
Students who intend to take Economics 213 in the academic year beginning Fall, 1984 should plan to satisfy the indicated prerequisites during the academic year beginning Fall, 1983.

**New Courses**

**Economics 217 — Introduction to Statistics II.** Analysis of variance, non parametric tests of hypotheses, simple and multiple regression, and correlation analysis. Introduction to decision making under uncertainty. **Prerequisite:** Economics 216 or permission of instructor. 1 term — 3 semester hours. Normally offered every Spring semester beginning Spring 1985.


**Economics 307 — Economics of Public Policy.** The economic basis of public regulatory, tax and budgetary policy. Externalities and alternative prescriptions for their correction. The economic basis for constitutional, legislative, and bureaucratic choice. **Prerequisite:** Economics 213-214. 1 term — 3 semester hours. Normally offered every other year beginning Fall, 1986.

**Economics 323 — Economics of Advertising.** Methods of measuring the effects of advertising on consumer choices. Theories of firms’ advertising decisions. The effects of advertising on industrial concentration and on consumer welfare. **Prerequisite:** Economics 213-214 and 216. 1 term — 3 semester hours. Normally offered every third year.

**Economics 334 — Economics of Law.** The economic basis of civil and criminal law. Topics on plea bargaining, product liability, property rights, tax evasion, and law enforcement. **Prerequisite:** Economics 213. 1 term — 3 semester hours. Normally offered every third year.


**Economics 338 — Industrial Organization.** Analysis of the structure, conduct, and performance of American industry. Consideration of monopoly, oligopoly, and monopolistic competition. Review of U.S. antitrust law and other regulatory laws for their effects on industrial performance. **Prerequisite:** Economics 213. 1 term — 3 semester hours. Normally offered every third year.

**Economics 356 — Economic Development.** Theoretical and policy issues in the development of national economic systems. Balanced versus unbalanced growth. Effects of trade policies and of private and public foreign investment on economic growth. **Prerequisite:** Economics 213-214. 1 term — 3 semester hours. Normally offered every third year.

**Economics 408 — Senior Seminar in Economics.** Review of major issues in economic methodology. Studies in the philosophy of science and in the application to economic phenomena of the methods of the natural and behavioral sciences. Consideration of the interrelationships between economics and biology, physics, and psychology. Must be taken in their senior year by all majors in Economics who enter Fall, 1983, or later. Students will write a senior thesis applying scientific methods to a research topic chosen in consultation with the instructor. **Prerequisite:** Economics 213-214, 217, and approval of Chairperson of Department. 1 term — 3 semester hours. Normally offered every Spring semester beginning Spring, 1987. Replaces Economics 595 — Colloquium on Economic Issues.

**Education**

**New Courses**

ED 324 — Methods of Teaching Keyboarding and Office Systems .......................... 3 credits
ED 518 — Microcomputers for Business Education .................................................. 3 credits
ED 519 — Records & Information Management .......................................................... 3 credits
ED 520 — Business Education Skill Competencies ................................................... 6 credits
ED 777 — Early Childhood Parenting Institute ......................................................... 1 credit
ED 778 — Parent Programs: Theory and Process ...................................................... 3 credits
ED 779 — Family & Community as Educators ........................................................ 3 credits
ED 780 — Early Childhood Parenting Independent Project ........................................ 1 credit
ED 781 — Early Childhood Parenting Independent Project ........................................... 2 credits
ED 633 — Women in Higher Education ........ 3 credits
ED 634 — Student Development & Services .......................................................... 3 credits

**New Programs Master of Science Degree in Business Education**

Business Education Information Processing Program

**New Programs Bachelor of Science Degree in Business Education**

Option E — Office Management

**Certificate of Advanced Graduate Study (C.A.G.S.) in Leadership**

Option A: Higher Education
Option B: Public School Assistant Principal & Principal
Option C: General Education Administration
Option D: Higher Education Administration

**Program IV: Master of Education Degree**

Teacher of Severe Special Needs (N-12)

**Discontinued Courses**

ED 767 Marine Education for Elementary Teacher
ED 720 Psychology of the Young Adult

**Changes**

**Counseling and Human Relations Program**

Degree nomenclature changes effective Fall, 1983
Master of Education in School Counseling Master of Science in Counseling

**Master of Science in Human Resource Development**

Certificate of Advanced Graduate Study (School Counseling, Mental Health Counseling, or Human Resource Development)

**Master of Science Degree in Human Resource Development**

The program leading to the Master of Science Degree in Human Resource Development is designed to train students to function effectively in industry in such areas as: organizational development, training, consultation, career development, and employee assistance programs.

The ability to work with people in a variety of situations will be cultivated during the course of this training experience. Students will be expected to engage in an intensive period of self-examination in order to become keenly aware of their own needs and personality structure and how they relate to their motivation for entering the field of human resource development.

Through a systematic completion of the curriculum, students will have a competency base from which to perform effectively as human resource specialists.

A minimum program involves 36 semester hours of course work depending on undergraduate preparation and work experience.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 713</td>
<td>Counseling: Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ED 715</td>
<td>Methods of Research: Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ED 724</td>
<td>Human Resources in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>ED 735</td>
<td>Group Counseling: Theory &amp; Process</td>
<td>3</td>
</tr>
<tr>
<td>ED 736</td>
<td>Consultation</td>
<td>3</td>
</tr>
<tr>
<td>ED 738</td>
<td>Clinical Practice I (Industry)</td>
<td>3</td>
</tr>
<tr>
<td>ED 739</td>
<td>Clinical Practice II (Industry)</td>
<td>3</td>
</tr>
</tbody>
</table>
Academic Information

Restricted Electives 15 Sem. Hrs.
ED 714 — Psychology of Vocation Development ... 3
ED 716 — Psychopathology .......................... 3
ED 717 — Psychological Tests in Counseling .... 3
ED 718 — Individual Intelligence Testing .......... 3
ED 720 — Psychology of the Young Adult ....... 3
ED 723 — Adult Development ...................... 3
ED 725 — Community Mental Health ................ 3
ED 726 — Family Counseling ........................ 3
ED 727 — Drug and Alcohol Abuse ................. 3
ED 728 — Rehabilitation Counseling .............. 3
ED 729 — Sexual Behavior Function
& Dysfunction ........................................ 3
ED 730 — Current Issues in Counseling ............ 3
ED 733 — Cross-Cultural Counseling ............... 3
ED 734 — Seminar in Counseling Psychology ... 3
ED 750 — Independent Study — Counseling ........ 3
ED 753 — Independent Study — Counseling .......... 3

(Course work in related disciplines may be elected subject to approval of faculty advisor.)

Certificate of Advanced Graduate Study (C.A.G.S.) in Leadership

This program aims to assist personnel in a variety of settings to develop their leadership skills on the basis of the state of the art. It emphasizes courses and supervised field experience designed by the student and his/her advisor to enhance the individual's professional functioning and assist his/her advancement. The program provides the following options:

I. Higher Education — for faculty and for personnel in admissions, alumni relations, development, financial aid, housing, placement, registrar, student activities and academic administration;

II. Public School — for faculty and for principals, assistant principals, supervisors, curriculum developers, curriculum coordinators, program directors, department heads, and evaluators.

III. Organizational Development — for trainers, training directors, human resource developers and other personnel in public and private sectors.

Program of Studies

Core Requirements: 12 Hours
ED 603 — Leadership
ED 604 — Administrative Communication

Six credit hours in research methodology, to be selected from such appropriate course as:
ED 605 — Planning and Evaluation
ED 619 — Proposal Writing and Grant Development
ED 635 — Field Project: Organizational Analysis
ED 640 — Reading and Research
ED 715 — Methods of Research: Statistics
ED 790 — Research and Evaluation methods

Specialized Electives: 12 hours

Option A: Higher Education
ED 616 — Advanced Supervision
ED 617 — Personnel Management
ED 618 — Collective Bargaining and Negotiation
ED 620 — Legal Aspects of Higher Education
ED 627 — Junior/Community College Processes and Problems
ED 628 — Crucial Issues in Higher Education
ED 629 — Higher Education Finance
ED 636 — Field Project: Organizational Development

Option B: Public School
ED 600 — Educational Management
ED 606 — American Middle Schooling Processes and Problems
ED 607 — American Secondary Schooling Processes and Problems
ED 613 — Legal Aspects of School Administration
ED 614 — Instructional Supervision
ED 615 — The Principalship
ED 617 — Personnel Management
ED 618 — Collective Bargaining and Negotiation
ED 796 — Learning Theory and the Improvement of Instruction
ED 800 — Curriculum Development and Evaluation

Option C: Organizational Development
ED 616 — Advanced Supervision
ED 617 — Personnel Management
ED 618 — Collective Bargaining and Negotiation
ED 623 — Organizational Development
ED 803 — Design, Coordination and Teaching of Training/Instructional Programs

Field Experience: 12 hours
ED 635 — Field Project: Organizational Analysis
ED 636 — Field Project: Organizational Development
ED 637 — Field Project: Program Planning and Development
ED 638 — Field Project: Higher Education
ED 639 — Field Project: Writing for Professional Publication
OPTION B
Public School Assistant Principal/Principal

Description: Designed to prepare persons to fill principalship positions at N-5, 5-9 or 9-12 level. Leads to Massachusetts certification as assistant principal/principal. Applicants must demonstrate evidence of classroom teacher certification in Massachusetts as well as three years of teaching experience.

Core Requirements: 15 hours
ED 600 — Educational Management
ED 614 — Instructional Supervision
ED 790 — Research and Evaluation Methods
ED 794 — Social Philosophy of American Education
ED 800 — Curriculum Development and Evaluation

Program Requirements: 6 hours
ED 613 — Legal Aspects of School Administration
ED 615 — The Principalship

Restricted Electives: 6 hours
To be chosen by the student in consultation with the advisor.

Field Experience: 9 hours
ED 644 — Professional Improvement Field Experience
ED 645 — Practicum in Administration

OPTION C
General Education Administration

Description: Designed to prepare personnel for administrative roles in schools, educational agencies, and training/instructional programs in public agencies, business and industry. Does not lead to state certification.

Core Requirements: 12 hours
ED 600 — Educational Management
ED 614 — Instructional Supervision
ED 790 — Research and Evaluation Methods
ED 800 — Curriculum Development and Evaluation

Restricted Electives: 15 hours
To be chosen by the student in consultation with the advisor.

OPTION D
Higher Education Administration

Description: Designed to provide competencies for those filling posts in admissions, alumni, development, financial aid, housing, placement, registrar's and student activities offices from the junior/community college level to the university.

Core Requirements: 12 hours
ED 600 — Educational Management
ED 625 — Organization and Administration of Higher Education
ED 626 — Legal Aspects of Higher Education
ED 790 — Research and Evaluation Methods

Restricted Electives: 15 hours
To be chosen by the student in consultation with the advisor.

Program IV: Master of Education Degree Teacher of Severe Special Needs (N-12)

Requirements:
1. 36 semester hours
2. Completion of a research project or its equivalent (to follow ED 853 — Special Education Research Project)

Required Courses: Credits
ED 840 — Attitudes & Issues in Special Education .. 3
ED 843 — Cognitive & Emotional Problems of the Special Needs Child ......................... 3
ED 844 — Speech & Language Development ........ 3
ED 845 — Assessment of Specific Learning Needs .. 3
ED 846 — Individualizing Education Plans .......... 3
ED 848 — Group Process ................................. 3
ED 849 — Behavior & Classroom Management .... 3
ED 874 — Educational Principles and Problems for the Severely Handicapped ............... 3

One of the Following:
ED 865 — Practicum: Severe .......................... 6
ED 866 — Internship: Severe ......................... 6

The Seminar is taken with the Practicum or Internship:
ED 867 — Seminar: Severe (N-12) .................. 3
English

New Course
ENG 516 — Seminar in English Tutoring.
Training and practice for superior, upper-level English majors in the tutoring of fellow students with writing problems. 1 term — 3 semester hours. Normally offered yearly.

The Rosalie L. Warren Prize
The Rosalie L. Warren Prize for Distinguished Achievement in English has been established by Dr. Paul H. Levy in honor of his aunt, Rosalie L. Warren, to recognize outstanding accomplishment in English studies. The cash prize is awarded annually to a junior or senior English major, selected by the senior members of the English faculty, whose performance in English courses has demonstrated exceptional skills in communication and broad interest in literature and literacy study. Winners' names are inscribed on a plaque in the office of the Department of English.

Government

New Course
GVT 487 Japan: Politics and Policy. Examining Japanese political culture, structures, processes and public policies. Historical background; the relationship between government and business; Japan as an advanced industrial society; problems of interdependence for Japan and the West. 1 term — 3 semester hours. Normally offered alternate years.

Corrections
On page 38, in section "O. Government:" — Government 221 should be 261 (Theory and Practice of International Relations) and Government 234 should be 274 (Political Theory 1, Plato to Machiavelli).

Humanities

New Course
HUM 223 — Contemporary Feminist Theology. Current issues in religion as treated in the works of eminent women theologians: ways of imagining God, women's role in the churches, sexual ethics. Readings will include works of Rosemary Reuther, Mary Daly, Carol Christ, and others. 1 term — 3 semester hours. Normally offered every year.

Military Science

Director: Howell
Assistant Director: Motson

New Course
MLSCI 203 — Basic Leadership Training, (Sophomore/Junior Summer). An intensive military training program that compresses the requirements of the Freshman and Sophomore level Military Science courses into one 6 week period. Given at Fort Knox, KY, the course instills the basics of Military Leadership through a study of military history and traditions, map reading, land navigation, marksmanship, physical training, individual and unit tactics, first aid, drill and ceremonies, and military courtesy and traditions. As a result of this training students continuing to meet program requirements may enter the Advanced Course. Prerequisite: No other way of completing the Basic Course, on campus, prior to the start of the Junior year. 165 contact hours. 3 credits.

Changes
For successful completion of the four-year ROTC program or a two-year program which includes Military Science 203, Suffolk University grants six semester hours of credit applicable toward graduation. Cadets who successfully complete a two-year program which does not include Military Science 203 are granted three semester hours of credit. Grades earned in Military Science courses are included in the student's GPA, but are not used in determination of Dean's List honors. In the calculation of graduation honors, the average for all ROTC courses is assigned to the six credit hours granted for successful completion of the four-year program.

Physics

New Courses
PHYS L103 — Physics Shop ......................... 1 credit
PHYS L104 — Electronics Shop .................... 1 credit
PHYS 113 — Introduction to Engineering ..................... 3 credits
PHYS 205 — Engineering Mechanics .......... 4 credits
PHYS 206 — Engineering Electricity & Magnetism ............... 4 credits
PHYS 386 — Engineering Computer Graphics ......................... 4 credits
PHYS 411 — Engineering Technology Systems ............... 4 credits
PHYS 415 — Computer Aided Engineering I ......................... 4 credits
PHYS 416 — Computer Aided Engineering II ............... 4 credits
PHYS F422 — Robotics & Automation ............... 4 credits
Combined Five-Year Engineering Programs

The Physics Department offers joint programs in conjunction with Boston University, Notre Dame University, and Case Institute of Technology. A student attends Suffolk University for three years as a physics major and then transfers to the engineering department of his/her choice at one of the previously named schools for two more years. Upon completion of the five years, the student is awarded two degrees — a Bachelor of Science from Suffolk University and a B.S. in Engineering from the other institution (Boston University, Notre Dame, or Case Institute). This allows the student to take advantage of low tuition at Suffolk University for the first three years of his five-year engineering program. To participate, a student must maintain a 3.0 grade point average at Suffolk University and plan his curriculum carefully with approval of the Physics Department Chairperson.

Computer Engineering Systems Technology

A new major is available in Computer Engineering Systems Technology which is intended for students whose primary goal upon graduation is entry into the job market rather than graduate study. The program provides hands-on training in digital electronics, microprocessors, robotics, and includes both hardware and software experience on multi-user computer systems.

Suggested Course Sequence

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>University Physics &amp; Lab</td>
<td>8</td>
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<tr>
<td>Computer Programming I, II</td>
<td>6</td>
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<td>Freshman English I, II</td>
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<td>Calculus I, II</td>
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<td>Freshman Integrated Studies</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Introduction to Engineering</td>
<td>3</td>
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<tr>
<td>Electronic Engineering</td>
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<td>Introduction to Computer Systems</td>
<td>3</td>
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<tr>
<td>Logic/Speech</td>
<td>6</td>
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<tr>
<td>Calculus III, IV</td>
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<tr>
<td>Engineering Mechanics</td>
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<tr>
<td>Humanities Option I, II</td>
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<table>
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<tr>
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<td>Introduction to Microprocessors</td>
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<tr>
<td>Microprocessor Interfacing</td>
<td>4</td>
</tr>
<tr>
<td>English Option</td>
<td>6</td>
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<tr>
<td>Ordinary Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>Engineering Computer Graphics</td>
<td>4</td>
</tr>
<tr>
<td>Engineering E &amp; M</td>
<td>4</td>
</tr>
<tr>
<td>Math Methods for Engineers</td>
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<td>Computer Graphics</td>
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<table>
<thead>
<tr>
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<th>Sem. Hrs.</th>
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<tr>
<td>Engineering Technology Systems</td>
<td>4</td>
</tr>
<tr>
<td>Social Science I, II</td>
<td>6</td>
</tr>
<tr>
<td>Computer Aided Engineering</td>
<td>8</td>
</tr>
<tr>
<td>Humanities Option III</td>
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<tr>
<td>Technical Elective</td>
<td>3</td>
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<tr>
<td>Automation &amp; Robotics</td>
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<tr>
<td>Social Science Option III</td>
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</table>

Sociology

New Courses

SOC 256-259 — Special Topics in Clinical Sociology. Specialized topics based on clinical training and experience for health professionals. These credits can only be applied to general college elective requirements and are only available to sociology majors in the Health Services Program. Content, prerequisites, and hours to be announced.

SOC 286 — Women and Work. An exploration of the relationships between gender roles, work environments, and careers in American society. The problems and prospects faced by women in the world of work are considered with special attention to power and sexism in the workplace, domestic vs. organizational work, role conflicts for working women, and the relationship between changing images of women and changing patterns of female employment. 1 term — 3 semester hours. Normally offered yearly.
**SOC 358 — Advanced Studies in Clinical Settings.** Practica-based training for health professionals working in specialized clinical settings. These credits can only be applied to general college elective requirements and are only available to sociology majors in the Health Services Program. **Prerequisites:** Sociology 256, 257, 258, 259. **1 term — 3 semester hours.**

**SOC 483-486 — Professional Practicum.** Supervised professional activity in applied settings. Students performing career-related tasks are guided in the application of sociological methods, concepts, and theories to their work experience. **1 term — each segment 4 semester hours. Content and prerequisites to be announced.**

**Correction:** Sociology majors must take Sociology 113, Introduction to Sociology, as a prerequisite for all other sociology courses but it is not a prerequisite for non-majors wishing to enroll in other sociology courses.
## Fall Semester 1983

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>July 18-19</td>
<td>Mon.-Tues.</td>
</tr>
<tr>
<td>July 25-26</td>
<td>Mon.-Tues.</td>
</tr>
<tr>
<td>Aug. 29-31</td>
<td>Mon.-Wed.</td>
</tr>
<tr>
<td>Sept. 1</td>
<td>Thursday</td>
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<tr>
<td>Sept. 5</td>
<td>Monday</td>
</tr>
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<td>Sept. 6</td>
<td>Tuesday</td>
</tr>
<tr>
<td>Sept. 7</td>
<td>Wednesday</td>
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<tr>
<td>Sept. 10</td>
<td>Saturday</td>
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<tr>
<td>Sept. 16</td>
<td>Friday</td>
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<tr>
<td>Sept. 21</td>
<td>Wednesday</td>
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<tr>
<td>Sept. 28</td>
<td>Wednesday</td>
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<td>Oct. 1</td>
<td>Saturday</td>
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<tr>
<td>Oct. 10</td>
<td>Monday</td>
</tr>
<tr>
<td>Oct. 18-19</td>
<td>Tues.-Wed.</td>
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<tr>
<td>Oct. 31</td>
<td>Monday</td>
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<tr>
<td>Nov. 11</td>
<td>Friday</td>
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<tr>
<td>Nov. 23-27</td>
<td>Wed.-Sun.</td>
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<tr>
<td>Dec. 28-29</td>
<td>Mon.-Fri.</td>
</tr>
<tr>
<td>Dec. 14</td>
<td>Wednesday</td>
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<tr>
<td>Dec. 15-21</td>
<td>Thurs.-Wed.</td>
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<tr>
<td>Dec. 17</td>
<td>Saturday</td>
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<tr>
<td>Dec. 22</td>
<td>Thursday</td>
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<td>Dec. 28</td>
<td>Wednesday</td>
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## Spring Semester 1984

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<tr>
<td>Jan. 9</td>
<td>Mon.-Wed.</td>
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<tr>
<td>Jan. 11</td>
<td>Thursday</td>
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<tr>
<td>Jan. 16</td>
<td>Monday</td>
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<td>Jan. 20</td>
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<td>Jan. 21</td>
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<td>Jan. 27</td>
<td>Friday</td>
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<tr>
<td>Feb. 1</td>
<td>Wednesday</td>
</tr>
<tr>
<td>Feb. 14-15</td>
<td>Tues.-Wed.</td>
</tr>
<tr>
<td>Feb. 20</td>
<td>Monday</td>
</tr>
<tr>
<td>Feb. 21</td>
<td>Tuesday</td>
</tr>
<tr>
<td>March 12</td>
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</tr>
<tr>
<td>March 17</td>
<td>Saturday</td>
</tr>
<tr>
<td>Mar. 28-31</td>
<td>Sun.-Sun.</td>
</tr>
<tr>
<td>April 9-20</td>
<td>Mon.-Fri.</td>
</tr>
<tr>
<td>Apr. 16</td>
<td>Monday</td>
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<tr>
<td>Apr. 18</td>
<td>Wednesday</td>
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### Summer Session 1984 (Tentative)

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<tr>
<th>May 15 - June 22</th>
<th>First Six-Week Day Session</th>
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<tr>
<td>May 15 - June 28</td>
<td>First Seven-Week Evening Session</td>
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<tr>
<td>July 9 - August 10</td>
<td>Second Six-Week Day Session</td>
</tr>
<tr>
<td>July 9 - August 17</td>
<td>Second Seven-Week Evening Session</td>
</tr>
</tbody>
</table>
As a commuter institution, Suffolk University urges students to use public transportation whenever possible. The University is located adjacent to the Massachusetts State House and near the “New Boston” Government Center, only a short walk from MBTA subway stations at Park Street, Government Center, Bowdoin, State Street, Haymarket, Charles Street and North Station. It is also readily accessible by major buslines and railroads.

Students who must commute by automobile may park at the Charles River Plaza Garage, Boston Common Garage, and Government Center Garage.

Persons traveling by car to Suffolk University from outside of Boston should use the following directions:

**From the South** — Southeast Expressway to the Causeway Street exit; Causeway Street to Staniford Street; right onto Cambridge Street to a public parking garage adjacent to Holiday Inn.

**From the North** — Expressway south to Haymarket Square exit; Government Center Garage at exit, or take New Chardon Street to Cambridge Street; right on Cambridge to public parking garage.

**From the West** — Massachusetts Turnpike and Turnpike Extension to Expressway; Expressway north to Causeway Street exit; Causeway to Staniford Street; right onto Cambridge Street to public parking garage.

**To Friedman Lab** — Maine Turnpike to Augusta; Rt. 3 to Belfast; from Rt. 3 Belfast to Rt. 1 North to R.S. Friedman Cobscook Bay Lab, Edmunds, Maine.

**Public Garages** — Government Center, Longfellow Towers — Staniford Street, Charles River Plaza — Cambridge Street.

---

**Suffolk University**

1. Archer Building at 20 Derne Street
2. Donahue Building at 41 Temple Street — Law School
3. Student Activities Ridgeway Building at 148 Cambridge Street
4. 56 Temple Street
5. Fenton Building at 32 Derne Street — College of Liberal Arts and Sciences
6. Frank Sawyer Building at 8 Ashburton Place — School of Management, Accounting, Admissions, Cafeteria, Financial Aid, Mildred Sawyer Library, Personnel, Placement, Registrar
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Suffolk University admits qualified men and women of any age, race, color, religious belief, or national or ethnic origin to all the rights, privileges, programs and activities generally available to students of the University. It does not discriminate because of age, race, color, religious belief, or national or ethnic origin in administration of its admissions policies, educational policies, scholarship and loan programs, athletic programs, or any of the academic or non-academic programs administered by any division of the University. Suffolk University does not discriminate on the basis of sex in violation of Title IX of the Education Amendments of 1973, or any of the regulations specified in these Amendments, in the academic or non-academic programs which it offers. The University does not discriminate on the basis of handicap in violation of Section 504 of the Rehabilitation Act of 1973, or the regulations it specifies, in admission or access to its programs and activities. Inquiries concerning Title IX and other federal and state non-discrimination legislation may be referred to the Personnel and Equal Employment Opportunity Officer, 8 Ashburton Place, 7th floor. Inquiries regarding Section 504 of the Rehabilitation Act may be directed to the Dean of Students who is the University Coordinator.

Rights and Privacy (Buckley Amendment)
In keeping with provisions of the Family Educational Rights and Privacy Act of 1974 (P.L. 93-380) as amended (P.L. 93-568), also known as the Buckley Amendment, Suffolk University will provide eligible students or their parents with the opportunity to review the student’s education records, to seek corrections of information contained in those records, and to limit disclosure of information from those records. The University is required to give students or their parents annual written notice of these rights and the right to file complaints with HEW concerning alleged failures by the institution to comply with the requirements of the Act. A written policy governing institutional record keeping is on file at the Registrar’s Office.

The provisions on privacy are affected by Section 510 of the Veterans Education and Employment Act of 1976 (P.L. 94-52) which provides that notwithstanding P.L. 93-568, records and accounts pertaining to veterans as well as those of other students shall be available for examination by government representatives. The exception is found in title 38 of the U.S. Code, Section 1790(c).
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Enrollment

<table>
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<th>Full Time</th>
<th>Part Time</th>
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<td>2941</td>
<td>6136</td>
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Retention

National studies indicate that of entering freshmen, the median percent graduated in four years varies from 35% to 40%. At Suffolk University, 38% of entering freshmen are graduated in four years, and 49% in six years.

Degrees

College of Liberal Arts and Sciences

School of Law
- Day and Evening Division: J.D., M.P.A./J.D.

School of Management
- Day and Evening Divisions, Undergraduate: B.S.B.A., B.S.P.A.
- Day and Evening Divisions, Graduate: M.B.A. and M.P.A.
- Day and Evening Divisions, Postgraduate: Advanced Professional Certificate
- Saturday Executive Program: M.B.A., M.P.A.

Location

Beacon Hill, Boston, adjacent to the Massachusetts State House and near the “New Boston” Government Center, public parking and transportation.

Cobscook Bay, Edmunds, Maine, site of the Robert S. Friedman Cobscook Bay Laboratory.

Facilities

- 375,000 Square Feet
- 49 Classrooms
- 31 Laboratories
- Law School Library
- College Library
- 40-Acre R.S. Friedman Cobscook Bay Laboratory

Libraries

- Law Library: 160,000 Volumes
- Library of the Colleges: 90,000 Volumes
- Microtexts: 53,000
- Museum of Afro-American History: 2,500 Volumes
- Fenway Consortium: 660,000 Volumes

Faculty

<table>
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<th>College of Liberal Arts and Sciences</th>
<th>Full Time</th>
<th>Part Time</th>
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</thead>
<tbody>
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<td></td>
<td>105</td>
<td>70</td>
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<tr>
<td>School of Management</td>
<td>48</td>
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<tr>
<td>Law School</td>
<td>49</td>
<td>37</td>
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Financial Aid

- Federal: $2,186,600
- State: 515,600
- University (and other sources): 1,131,076
- Other: 91,000
- Guaranteed Student Loans: 9,800,000

Altogether, over 4,000 students receive some form of financial assistance — loans, work-study, or scholarships. Priority is given to needy students who file on time.

Athletics

Members of N.C.A.A., E.C.A.C., N.E.C.A.C.
- Intercollegiate Competition in: Basketball, Hockey, Baseball, Golf, Tennis, Cross-Country
- Women’s Athletics: Intercollegiate Competition in Cross-Country, Tennis, Basketball; Member of M.A.I.A.W.
- Intramural Competition in: Basketball, Football, Softball, Tennis
- 3 time winner of the Little Four Intercollegiate Golf Tournament
- 1982 Babson Women’s Basketball Tournament Champions
History  Suffolk University is located on Beacon Hill in Boston, Massachusetts. Founded in 1906 by Gleason and Hiram Archer as Suffolk Law School — the Law School has become one of New England’s most prestigious. In 1934 the College of Liberal Arts first offered courses for undergraduates. Rapid growth followed with the establishment of the College of Business Administration in 1937, which was later named the School of Management. In April 1937 the Law School and the Colleges were incorporated into Suffolk University by the action of the Massachusetts legislature.

Suffolk University pioneered in creating an opportunity for working men and women, the sons and daughters of immigrants and other minority groups, to acquire a college education — at a time when such a concept was still socially and politically unpopular. Its faith has been justified, for the concept of non-discrimination has become the law of the land.

During the past three years, the University’s four main buildings have been thoroughly modernized at a cost of twelve million dollars in order to provide new laboratories, libraries, cafeteria, and offices for faculty and administration. In addition, in 1968 Suffolk University established the Robert S. Friedman Cobscook Bay Laboratory at Edmunds, Maine, near the Bay of Fundy, for purposes of teaching and research in marine biology. This forty acre field station is also used as a summer campus in other fields and is frequently used by research biologists from other universities.

The events of history occur not only in time, but also in a place. The strategic location of Suffolk University has played a major part in the successful accomplishment of its mission. Beacon Hill is an excellent place for an institution of liberal and professional education, a place where tomorrow’s decision makers meet today’s. The University’s location next to the State Capitol, state and local courts, and three blocks away from the heart of the Federal, State and City government office complexes, provides students a ready access to a panoramic view of government in action. Beacon Hill is a very short distance from the center of the business and financial districts of Boston, and also is only a few minutes walk from the theater and music centers of the city. The University is close to the main station of Boston's transportation system, which provides quick access to excellent libraries, museums, and sites of historical significance in Boston and surrounding communities.

University Mission  Suffolk University is an independent, coeducational institution located on Beacon Hill, in the heart of Boston, close to the centers of government and law, education and technology, commerce and culture. The university provides educational opportunities of high quality and, thereby, social and economic opportunities to a diverse clientele.

Since its inception, Suffolk University’s fundamental mission has been to respond to the evolving needs of society by providing an opportunity for motivated and capable students to obtain a quality education in a challenging yet
supportive environment, at an affordable cost consistent with ensuring a rising level of excellence. This mission also includes a commitment to public service, research, and continuing education. In achieving its mission, the university places students at the center of its efforts and value structure, and emphasizes academic excellence through teaching based on the application of theory and research to practice.

Suffolk University offers day and evening programs at both the graduate and undergraduate levels. The Law School provides quality instruction in legal theory, process, and practice, taking advantage of the urban setting to educate students from the northeastern United States and from across the nation. The fundamental purpose of the College of Liberal Arts and Sciences is to provide a traditional liberal arts education with a professional component, one which is comprehensive and thorough, which prepares students to live enlightened and productive lives and to earn a living. The college offers liberal arts programs in the humanities, the natural and social sciences, including undergraduate career-related and professional tracks in each major, as well as graduate programs in education. The School of Management offers programs in management and public administration for the public, non-profit, and private sectors that develop ability in problem-solving and decision-making.

In sum, as a comprehensive university in an urban setting accessible to people of varied ages and of all religious, ethnic, and socioeconomic backgrounds, Suffolk University serves a metropolitan and, to a growing extent, regional and national clientele. The University provides academic services for people of various levels of preparation and ability, and programs of such depth and academic quality as to challenge the most able.

**University Goals** In order to respond to the above Mission, Suffolk University has formulated the following specific Goals toward which are directed the efforts of all divisions of the University. Additional statements of Goals appropriate to the various Colleges of the University are published in their respective Bulletins.

- Provide educated men and women for professions such as business, industry, government, law, education, journalism, social work, science, and technology.
- Meet local needs by providing continuing education programs for adults, by serving as a cultural center for the community, by providing trained manpower for employers, and by facilitating student involvement in community service activities.
- Improve the University’s ability to serve economically disadvantaged students by improving services in admissions, financial aid, advising, counseling, career planning, and placement.
- Provide the necessary financial and physical resources for program support through improved development and fund-raising.
- Contribute to the solution of some of the social, economic, and political problems facing greater Boston and the state of Massachusetts.

**Accreditations** Suffolk University is accredited by the New England Association of Schools and Colleges, Inc., the American Chemical Society, the American Bar Association, the Association of American Law Schools, and the National Association of Schools of Public Affairs and Administration. Specified programs in Education have been approved by the State Department of Education for inclusion in the reciprocity privileges of the Interstate Certification Compact. The University Counseling Center is accredited by the International Association of Counseling Centers.

**Memberships** Suffolk University holds membership in the American Association of Colleges for Teacher Education, American Association of Collegiate Schools of Business Assembly, American College Personnel Association, American Council on Education, Association of American Colleges, Association of College Unions — International, Association of Independent Col-
The following goals statements reflect current objectives of the College of Liberal Arts and Sciences.

- To graduate students adequately prepared for the problems of living and of leading productive and rewarding lives.
- To provide the means both for personal growth of students and for the training necessary to enter a business, pursue a profession, or otherwise fill a responsible role in society.
- To provide a learning environment conducive to independent thought and free expression of ideas, where students, faculty, and administrators can work together in mutual trust and respect.
- To ensure that academic programs reflect in content an awareness of student needs.
- To see students as whole persons; to develop character and values as well as competence and skills; to foster a sense of community in the student body.
- To encourage upward mobility of disadvantaged students.
- To provide undergraduate and professional education that liberates the spirit and challenges the intellect.
- To develop educational programs geared to new and emerging career fields.
- To use the resources of Boston and of Washington County, Maine, as campus extensions, and to develop new cooperative relationships with other academic and cultural institutions, recreational centers, commercial enterprises, and governmental agencies in these areas.

- To graduate individuals who have significantly improved their aesthetic, intellectual, and moral capacities, and their sense of self-worth, self-confidence, and civic responsibility.
Students may apply for admission to Suffolk University for the Fall, Spring, or Summer sessions and may attend full or part-time.

**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 the 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 School of Management will accept direct transfer of credit for lower division (freshman/sophomore) level courses taken at regionally accredited two-year and four-year colleges with appropriate grades providing that such courses correspond directly to lower division courses offered at Suffolk University during freshman/sophomore years. Freshman and sophomore courses taken at a two-year or four-year college that are not required at Suffolk until the junior/senior year will not be transferable unless validated.

The following validation techniques are recognized by the School of Management:

1. **College-Level Subject Examinations** administered by the College Board, Princeton, New Jersey.
2. Successful completion of an advanced course in the subject field for which the course in transfer is a foundation. Upon completion of an advanced course, a student must submit a Petition Validation Form to the Office of the Dean, School of Management.

**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 must take the tests prior to the last semester of their senior
year. However, this does not preclude students from taking a CLEP-Test in lieu of repeating a failed course.

Communication Process Selected Freshman students will be required to take Writing Skills, Eng. 001 and Communication Process, Eng. 002. These courses have been developed in an effort to help students improve their study and verbal skills so that they will more effectively realize their academic potentials while at Suffolk University. Students who wish to select these courses 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.

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. A $15 application fee is charged.

Non-Degree Students Non-Degree students may apply credit earned at Suffolk University towards a degree. Non-Degree students are required to submit a non-degree student application. The School of Management admits non-degree students on a space-available basis in the undergraduate and MPA programs. The School of Management does not admit non-degree students in the MBA program.

Students who enter as Non-Degree Undergraduate Students and wish to become degree candidates should complete the regular admissions application in order to be reclassified as matriculating degree status students. Qualified non-degree undergraduate students who wish to apply for degree matriculating status may do so anytime before 30 hours of course work are completed. All non-degree students, excepting senior citizens, must apply for degree-matriculating status when 30 hours of course work are successfully completed.

Continuing Education Men and women who have delayed or interrupted their education may take day or evening courses either as 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.

This University is authorized under Federal law to enroll nonimmigrant alien students.

Students may be required to take Eng. 003, English as a Second Language, prior to taking Eng. 101 or 102, if a language deficiency exists as determined through testing by the English Department or the Test of English as a Foreign Language (TOEFL).

Re-Admission to Suffolk Students reentering 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 Arts or Science 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. The Associate degree is not offered by the School of Management.

Admissions Information  Applications for admission may be obtained by writing to the Admissions Office, 8 Ashburton Place, Boston, Massachusetts 02108. The Admissions Office is open Monday through Friday, 8:45 a.m. to 4:45 p.m. Telephone: 723-2945.
Financial Information

Tuition

Tuition charges are based on (1) the number of courses carried and on (2) whether the student is an undergraduate or graduate student. A full-time course load consists of either four or five courses or 12-17 semester hours of credit per term.

Full-Time Course Load (12-17 Semester hours per term.)
- Undergraduate Courses: $3,630 per year
- Undergraduate Courses: $1,815 per semester
- Graduate — MPA & MED: $4,170 per year
- Graduate — MPA & MED: $2,085 per semester
- Graduate MBA: $4,320 per year
- Graduate MBA: $2,160 per semester
- Excess Courses: $121 per semester hour - undergraduate
- Excess Courses: $139 per semester hour - graduate — MPA & MED
- Excess Courses: $144 per semester hour - graduate MBA

Part-Time (1 to 3 courses per term — 11 semester hours maximum), Extension and Summer Courses
- Undergraduate Courses: $330 per 3 credit course
- Undergraduate Courses: $110 per semester hour
- Graduate — MPA & MED: $417 per 3 credit course
- Graduate — MPA & MED: $139 per semester hour
- Graduate MBA: $432 per 3 credit course
- Graduate MBA: $144 per semester hour
- Executive MBA: $469 per 3 credit course through July 1982 Session.
- Executive MBA: $547 per 3 credit course as of October 1982 Session.

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.

It can be assumed that with continued inflation and its effect on the cost of education, tuition will probably rise each year.

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 student’s tuition liability may be reduced as described on page 13.

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 $10 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 arrange-
ments for such payment with the Manager of Student Accounts, he or she will be dismissed immediately from the University. Collection agency costs or attorney fees will be added to delinquent accounts if necessary.

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 1982 Summer Session rate will be $291 per 3 semester hour undergraduate course and $330 per 3 semester hour graduate course. In 1983 summer tuition will be $330 and $417 respectively for MPA or Education graduate work and $432 for MBA.

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

**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 terms will, on the recommendation of the Dean of Students and approval of the Manager of Student Accounts receive a reduction of their tuition liability according to the following schedules:

**Undergraduate and Graduate Programs (excluding Executive MBA)**

**Withdrawal Notice or Drop form filed and approved:**

<table>
<thead>
<tr>
<th>Time Frame</th>
<th>Student is liable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior to start of classes</td>
<td>0%</td>
</tr>
<tr>
<td>Within two weeks from start of classes</td>
<td>20%</td>
</tr>
<tr>
<td>Within three weeks from start of classes</td>
<td>50%</td>
</tr>
<tr>
<td>Within four weeks from start of classes</td>
<td>75%</td>
</tr>
<tr>
<td>After four weeks from start of classes</td>
<td>100%</td>
</tr>
</tbody>
</table>

**Executive MBA Program**

**Withdrawal Notice or Drop form filed and approved:**

<table>
<thead>
<tr>
<th>Time Frame</th>
<th>Student is liable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior to start of classes</td>
<td>0%</td>
</tr>
<tr>
<td>Within two weeks from start of classes</td>
<td>50%</td>
</tr>
</tbody>
</table>

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 Registrar’s Office. Non-attendance does not constitute official withdrawal. The Summer Session Tuition Liability is published separately.

The tuition deposit of entering full-time students is non-refundable.
Student Expense Budget For 1982-83

Dependent Full-Time Students:

<table>
<thead>
<tr>
<th></th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$3630</td>
<td>$4320</td>
</tr>
<tr>
<td>Fees</td>
<td>45</td>
<td>10</td>
</tr>
<tr>
<td>Room and Board</td>
<td>1865</td>
<td>1865</td>
</tr>
<tr>
<td>Books/Supplies</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>Medical</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Clothing and Personal</td>
<td>400</td>
<td>450</td>
</tr>
<tr>
<td>Transportation</td>
<td>700</td>
<td>700</td>
</tr>
<tr>
<td></td>
<td><strong>$7140</strong></td>
<td><strong>$7845</strong></td>
</tr>
</tbody>
</table>

(These estimates are subject to change)

Graduation Fees The June graduation fee, including diploma, is $25. This fee is payable whether or not the student attends the graduation ceremony. As there is no formal graduation ceremony in January or September, the graduation fee is $8 (cost of diploma). January and September graduates also are invited to attend the June graduation 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.

Fees

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Fee (Non refundable)</td>
<td>$ 15</td>
</tr>
<tr>
<td>Tuition Deposit (Full-time applicants only, Non refundable)</td>
<td>100</td>
</tr>
<tr>
<td>Deferred Tuition (Service Charge for installment payments)</td>
<td>10</td>
</tr>
<tr>
<td>Student Activities Fee (Full-time undergraduate)</td>
<td>45</td>
</tr>
<tr>
<td>Student Activities Fee (Full-time graduate — MPA or Education)</td>
<td>10</td>
</tr>
<tr>
<td>Student Activities Fee (Part-time undergraduate and graduate)</td>
<td>10</td>
</tr>
<tr>
<td>Student Activities Fee (MBA)</td>
<td>20</td>
</tr>
<tr>
<td>Late Registration (First two weeks of classes)</td>
<td>25</td>
</tr>
<tr>
<td>Late Registration (After two weeks of classes)</td>
<td>50</td>
</tr>
<tr>
<td>Laboratory (per semester for each laboratory course — designated with an “L” or “F” in the course title)</td>
<td>30</td>
</tr>
<tr>
<td>Change of Course (charged after second week)</td>
<td>10</td>
</tr>
<tr>
<td>SCUBA (per course involving SCUBA)</td>
<td>40</td>
</tr>
<tr>
<td>Make-up Examination (per examination) — petition Dean of Students</td>
<td>10</td>
</tr>
<tr>
<td>Transcripts (first copy free, $1.00 for second copy, and $.50 per additional copy made at the same time)</td>
<td>1</td>
</tr>
<tr>
<td>Petition for Readmission (students dropped for academic or other reasons)</td>
<td>15</td>
</tr>
<tr>
<td>Graduation Fee — June graduation</td>
<td>25</td>
</tr>
<tr>
<td>January and September graduation</td>
<td>8</td>
</tr>
<tr>
<td>Returned Check Charge (Service Charge for checks returned unpaid)</td>
<td>5</td>
</tr>
</tbody>
</table>

Special fees are assessed for courses involving travel, theatre tickets, and similar expenses.
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 full 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 either in person or in writing to the Registrar's Office. No telephone requests will be honored.

Late Registration Fee  A fee of $25 is charged to any student who registers during the first two weeks of classes and a $50 fee will be charged after the start of the second week of classes.

Office of Financial Aid

General Information  Throughout the history of Suffolk University, it has been general policy to encourage and foster education for students of limited means. Commitment to this goal of keeping higher education affordable is apparent in the University's policy of maintaining tuition costs substantially below those of other private institutions of higher learning in the Boston area. Even so, university study represents a significant financial burden for many families. Several financial aid programs have been established to help alleviate this burden.

There are four main sources of financial aid: the federal government, the state government, the university, and private sources. Federal programs include grants, low interest loans, and a work-study program. The Commonwealth of Massachusetts awards grants to full-time undergraduate state residents who demonstrate financial need. The university and private agencies/organizations award scholarships and grants to needy students.

Financial awards are made to assist students in financing the cost of education when their personal and family resources are not sufficient. The difference between the total cost of education and the total possible family contribution is expressed as the financial need. In general, higher family incomes require greater contributions to university costs. Particular family circumstances and student summer and/or part-time earnings also have a bearing on financial need. As a member of the National College Scholarship Service (CSS), Suffolk University adheres to the principle that the total amount of financial assistance shall not exceed the student's demonstrated financial need.

Any undergraduate or graduate student enrolled in a degree program of at least six semester hours of credit may apply for financial aid consideration. Most awards are limited to students enrolled full-time. A student must also be in good academic standing and must be a citizen or national of the United States. All undergraduate aid applicants are expected to file Basic Educational Opportunity (PELL) Grant and state scholarship applications.

Financial aid awards usually are granted for an academic year of study, September through May. One-half of the amount of aid granted will be credited to the student's tuition account in the fall semester and one-half in the spring semester. Awards are usually offered as a "package", i.e., some combination of the three kinds of aid (grants, loans, and employment).

At the time of publication, federal legislation was pending that could result in significant changes for 1982-83 to the provisions and regulations of certain financial aid programs outlined herein. Contact the Office of Financial Aid for further information.
Loans

Guaranteed Student Loan Program

The Guaranteed Student Loan Program (GSLP) enables students to borrow from commercial lenders in order to finance their educational expenses. While the majority of these loans are made by banks and other financial institutions, they are guaranteed by a state agency and insured by the federal government.

Academic year limits and total aggregate limits are established as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Annual Loan Limits</th>
<th>Aggregate Loan Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>$2500</td>
<td>$12,500</td>
</tr>
<tr>
<td>Graduate</td>
<td>$5000</td>
<td>$25,000</td>
</tr>
</tbody>
</table>

The aggregate amount for graduate students includes loans obtained at the undergraduate level.

Effective with the passage of the Higher Education Amendment Act of 1980, the interest rate has been raised from 7 percent to 9 percent for any new student borrower who obtains a loan under this program for a period of instruction beginning after January 1, 1981. A new borrower is a student who does not have an outstanding GSLP loan on the date the promissory note is signed. Students whose loans carry a 9 percent interest rate will be granted a 6 month grace period; that is, loan repayment does not begin until 6 months after graduation, after withdrawal, or after attendance status becomes less than half-time.

The interest rate will remain at 7 percent on loans made to student borrowers with outstanding GSLP loans. Loans borrowed under the 7 percent interest rate continue to carry the 9 month grace period.

Deferment of repayment of principal is allowed during any period in which the borrower is pursuing a full-time course of study and up to three years in which the borrower is a member on active duty in the Armed Forces of the United States or a volunteer under the Peace Corps Act. While the borrower is in school, in grace period, or in deferment status, the interest is paid by the federal government.

Prior to completion of the bank loan application, the student applicant must have on file a Suffolk University Loan application and financial aid transcript(s) from previous institutions.

Parent Loans for Undergraduate Students (PLUS)

This federal loan program was established on January 1, 1981 for parents of undergraduate dependent students. The maximum amount a parent may borrow for any one student in any academic year is $3000 at 9 percent interest. The aggregate loan amount for each dependent student is $15,000. Repayment is required to begin within 60 days after disbursement, and there is no in-school federal interest subsidy on these loans.

Parents may obtain application forms at any bank or financial institution that participates in this program. General application procedures are the same as those outlined under the Guaranteed Student Loan Program.

National Direct Student Loan Program (NDSL)

The National Direct Student Loan (NDSL) Program is directly administered and awarded by the Office of Financial Aid as part of the Federal Campus-Based Aid Programs. Generally an NDSL loan is awarded to a student as part of a total aid package.

With the changes in the Higher Education Amendment Act of 1980, there are now various categories of NDSL loans based on the date of the promissory note:

- Prior to October 1, 1980 — 3% interest and 9 months grace period.
- October 1, 1980 to June 30, 1981 — Any and all loans negotiated within this period are still set at the 3 percent interest rate, however the grace period is for only 6 months.
- July 1, 1981 and after — After this date, all loans will be at 5 percent interest and 6 months grace period.

No interest is charged for these loans until repayment begins. Repayment is required to begin 6 or 9 months after a student ceases to be at least a half-time student due to gradua-
tion, withdrawal, or less than half-time attendance. Details on repayment schedules are set by the Accounting Office.

These loans are need-based and cannot exceed the following limits: Undergraduate — Combined total of not more than $3000 during the first two years of study and not more than $6000 during undergraduate career.

Graduate — Combined total of not more than $12,000 for undergraduate and graduate studies.

Cancellation of an NDSL loan is allowed under certain conditions, i.e. teaching of emotionally, economically, and mentally handicapped students; death; or permanent disability.

Scholarships/Grants

Pell Grant (formerly Basic Educational Opportunity Grant — BEOG) This federal grant is designed to assist undergraduate students. Awards range from $200 to $1670. The actual amount a student receives depends on the financial information reported on his/her application and 1) full-time or part-time status, 2) length of enrollment during the academic year, and 3) the cost of education. A student applies for this grant by completing the Financial Aid Form (FAF) of the College Scholarship Service and by checking Box 1 in item #43 on this same form. Four to six weeks after the student submits the application, he/she will receive direct notification from the Basic Grant Program Office. The Student Eligibility Report (SER) will indicate whether or not the student qualifies, and will estimate the award amount.

Massachusetts State Scholarship Program Full-time undergraduate students who are legal residents of the Commonwealth of Massachusetts are eligible for Massachusetts State Scholarship consideration. This scholarship is awarded directly to students by the Massachusetts State Scholarship Office. State Grants range to $900 depending on the student’s financial need.

The application procedure consists of completion of the Financial Aid Form (FAF). The applicant should list this state scholarship program on line #42. The Massachusetts State Scholarship Program code is #0558. Applicants must file the FAF by March 1 of the preceding academic year.

Other Scholarships/Grants

Other major scholarship/grant programs include the Supplemental Educational Opportunity Grant (SEOG), Matching State Grant, and the Trustee Scholarship (Suffolk University). For information on ROTC remuneration and scholarships, refer to the Military Science section of this Bulletin, p. 131.

Employment

College Work Study Program (CWSP) The College Work Study Program (CWSP) provides student employment opportunities either on the university campus or with various non-profit off-campus organizations/agencies. Some of these job opportunities provide work experience related to the student’s educational objective. The earnings from the work position are intended to defray direct and indirect educational expenses.

College Work Study funds are available to undergraduate and graduate students in good academic standing who have demonstrated financial need. Students interested in employment through CWSP are required to submit an application for financial aid.

Confidentiality All information provided to the Office of Financial Aid is regarded as confidential and cannot be released without the expressed written consent of the student applicant.

Location The Office of Financial Aid is located on the 8th floor of the Sawyer Building. The telephone number is 723-2937.

Hours 8:45 a.m. to 4:45 p.m. — Monday through Friday.

General information and questions are handled on a walk-in basis by the Office of Financial Aid staff. Appointments with specific administrators are available on request.
**Deadlines**

MARCH 1 — Application for student financial assistance must be submitted to the Office of Financial Aid. A complete application includes the filing of the Financial Aid Form (FAF) of the College Scholarship Service, Suffolk University Aid Application, and official statements of income (i.e. tax return copy).

NOVEMBER 12 — Spring review and January transfer applications are due.

APRIL 15 — Summer application and other supporting documents are due.
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.

All degree candidates are assigned an academic faculty advisor shortly after matriculation into the College. These advising assignments endure throughout an undergraduate's tenure at the College, barring the declaration of a new major or other significant development.

Advising at Suffolk University is also 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.

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

Students are encouraged to assume responsibility for their own affairs as much as possible. A significant 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 obligated to follow that program unless approval for change is obtained from the advisor.

Archives A collection of Suffolk University yearbooks, catalogs, newspapers, and other memorabilia are housed in the Archives. The Suffolk University Archives is located in the Sawyer Building.

Bookstore The Bookstore is located in the lower level of the Archer Building. It has every facility for the rapid handling of textbooks and other college supplies. The Bookstore is open from 8:00 a.m. to 8:00 p.m., Monday through Thursday, 8:00 a.m. to 6:00 p.m., Friday, and 8:00 a.m. to 12:00 noon, Saturday.

Campus Ministry The Campus Ministry Office is a place where people can drop by for discussion or direction. The Office also provides programs in which contemporary issues and concerns in the public domain are presented from a religious perspective. Campus Ministers are available for liturgical services and counseling to students, faculty, and staff. The Office is located in the Ridgeway Student Center, Room 22.

Career Planning and Placement Center The Career Planning and Placement Center exists to assist students and alumni in developing career plans, in becoming acquainted with the job market, and in developing the strategies and techniques needed to secure successful employment.
Placement services include full and part-time job listings; on-campus employment interviewing; workshops in resume writing and job interview techniques; individual and group career counseling; and employment information referrals. Services also include information concerning the job market, occupational trends, and wage and salary fluctuations. In addition to these services, the Placement Center provides students and alumni access to the state job bank through its microfiche viewer.

Located within the Center is a Placement Library which contains descriptive information on hundreds of companies and governmental agencies which hire at the baccalaureate and graduate levels. In addition to this, there are numerous publications concerning the current job market, future employment trends, and salary and wage information. Detailed handout materials on resume writing, job interviewing, how to develop and implement a successful job campaign and a selection of directories of government, business and educational institutions are also housed at the Placement Library.

The Career Planning and Placement Center is located in the Sawyer Building and is open from 8:45-4:45, and on Wednesday evenings until 7:30. Individual appointments with a Placement Counselor can be scheduled during these hours. Visit the Center or call Extension 480 for more information.

**College Library**
The Mildred F. Sawyer Library, opened in January 1982, occupies the first two floors and two floors below street level of the Frank Sawyer Building at 8 Ashburton Place. It contains a collection of 90,000 volumes, more than 1,100 current periodicals, and 9,000 microfilm reels and 53,000 microfiches together with reader/printers. There is a special 20,000 volume collection of 19th century Americana on microfiche and a special book collection on Afro-American literature.

The Sawyer Library is an excellent place for quiet study and research. It contains study seats on all four floors, three rooms for group study, and a browsing area where current newspapers, magazines, and “best seller” books may be found. Also provided are typewriters and coin-operated photocopiers.

A major strength of the Sawyer Library is its Reference service. The Reference area contains a strong collection of special encyclopedias, directories, indexing and abstracting services, and business services. In addition, there are useful collections of corporate annual reports, newsletters, publications of major business associations, and information about Massachusetts and Boston. Reference librarians, available during the day, evening, and weekend hours of the library, provide assistance in the use of the library’s collections to individual students and classes. They also provide computer access to many national bibliographic data bases and library holdings throughout the country.

Important additional resources are available to students among the many libraries in Boston. The Sawyer Library is a member of the twelve library Fenway Library Consortium. It maintains special information concerning a number of the banking, insurance, governmental, business, and association libraries in the downtown area. As well as the Boston Public Library, students are also able to make on-site use of materials in these libraries, in the State Library, the Kirstein Business Branch of the Boston Public Library, and several other academic libraries. The Sawyer Library systematically collects information about these resources, making it the place-to-start for any research assignment.

The library is open during the regular school term from 8:00 a.m. to 11:00 p.m. Mondays through Thursdays, 8:00 a.m. to 9:00 p.m. Fridays, from 10:00 a.m. to 5:00 p.m. on Saturdays, and on Sundays from 1:00 p.m. to 10:00 p.m. The library is closed on holidays, and also on Sundays during the Summer Sessions.

**Fresh Start**
Under the Fresh Start Policy, the Academic Standing Committee at its discretion can grant privileges of transfer
students to an undergraduate student with a past unsatisfactory record who is seeking readmission to Suffolk University after an absence of five to eight years.

When transfer student privileges have been granted, credit hours for previous course work with grades of A, B, C, or P are entered into an entirely new record in his name, with the notation “Credit for prior work done at Suffolk.” Required courses in which the assigned grade was “D” will not be honored as credit hours on the new record. However, these course requirements may be waived in favor of substitute courses.

Students re-entering Suffolk under this policy must successfully complete a minimum of 30 credit hours of new work at the University to be eligible for graduation. Honor points and grade point averages will be computed solely from this work. Transcripts, however, will list all course work attempted at Suffolk University, with the grades earned, and will be accompanied by an explanation of the Fresh Start Policy.

**General Alumni Association**

The General Alumni Association has over 9,000 alumni members. The alumni have played an integral part in promoting and maintaining the high standard of education which has been a tradition at Suffolk University.

Governed by directors elected from alumni graduates with an undergraduate degree or a graduate degree from the College of Liberal Arts and Sciences, the Alumni Association sponsors a variety of social, cultural, and educational functions. Currently, the Alumni Association is working closely with the University Career Planning and Placement Office to expand job opportunities for graduates.

The Alumni, through the Annual Fund for the College of Liberal Arts and Sciences and School of Management, continues to make contributions to the scholarship program and other unrestricted financial needs of the Colleges.

**Health Center**

The University’s Health Service Department has the responsibility for providing emergency and primary care as well as health counseling to members of the University’s administration, faculty, staff, and student body.

Services include: routine medical care and treatment, referrals to appropriate medical facilities, hypertension screening and follow-up, venereal disease evaluation and referral, health education programs including weight maintenance and fitness, and sports physical examination.

These services are provided daily by a part-time medical doctor and two registered nurses.

All accidents or injuries occurring on University property as well as any student contracting or exposed to communicable disease should immediately contact the Health Services. It is located on the first floor of the Fenton Building, Room 104. (Telephone extension 260).

**International Student Advice**

The Student Activities Office is prepared to assist international students in official relations with a student’s home government and/or the United States government. If further assistance in this area is needed, the International Student Advisor should be contacted. For assistance of an academic or personal nature, the international student should feel free to see any faculty member, the International Student Advisor, the Dean of Students, or the Student Activities Office.

**Minority Student Coordinator**

The Coordinator serves as a counselor, a resource person, and an advocate for American minority students in the areas of personal problems, adjustment issues, academic advice, and career planning. The Coordinator also serves as an advocate with the University for issues of concern to minority students.

The Minority Student Coordinator is located in the Archer Building, Room 29.

**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 University’s Sawyer 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.

**New Directions**

New Directions is a student-run information, peer counseling, and referral center for the Suffolk University community.

Volunteer staff learn basic helping skills to provide a peer counseling resource on campus where students can help students. New Directions’ aim is to respond to the needs of any person who contacts the office. The staff emphasizes that the New Directions office is a place to come and talk, as well as to give and receive information and services. The staff is available to discuss, plan, and channel student-initiated ideas within the University.

New Directions maintains a library of materials on subjects ranging from drugs, alcoholism, and birth control to consumer protection, gay resources, and volunteer opportunities in the Boston community. Pamphlets, books, and personal experiences are provided with an honest appraisal of their worth. New Directions enthusiastically provides information about almost everything at Suffolk University.

**Robert S. Friedman Cobscook Bay Laboratory**

The Robert S. Friedman Laboratory of Suffolk University is located on Cobscook Bay, in Edmunds, Maine, a region noteworthy for its great tidal fluctuations and its abundance of coastal marine life. The laboratory is a 40-acre camping field station accommodating approximately 50 persons in residence. Student, faculty and staff housing is in wooden tents requiring sleeping bags. A central Comfort Station provides shower and lavatory facilities. Meals are prepared by a kitchen staff and are served in a dining facility. Classroom and laboratory facilities support the instructional program, supplemented by a circulating seawater system and collecting boats.

**Pre-Law Advising**

The Pre-Law Advising Committee will oversee facilities which will provide Suffolk University students, as early as possible in their undergraduate careers, with information about the legal profession, pre-professional advice of whatever kind needed, and help in gaining admission to appropriate Law Schools.

**Transfer Student Counselor**

The Transfer Student Counselor’s Office is open to both full and part-time students, Monday through Friday, in the Admissions Office at 8 Ashburton Place. The Transfer Student Counselor is available to discuss transfer credit, the selection of courses, academic requirements, and problems encountered in the process of transfer. After the student’s transfer status has been clarified, however, the student must confer with a faculty advisor from his or her major department for subsequent academic advice.

**University Bulletin Boards**

All students are responsible for information posted on the Official University Bulletin Boards located in the entrances in the Fenton and Sawyer Buildings.

**University Counseling Center (Department of Psychological Services)**

The University Counseling Center exists to help students function more effectively by helping them to define and achieve their personal and academic goals. Counseling Center facilities and programs are offered without charge to full and part-time students, faculty, administration, and alumni. Owing to limited resources, it is not always possible to provide complete support services for special non-degree students. When appropriate, referrals will be made to individuals or agencies outside the University.
Services include the following: (1) individual and group counseling related to personal concerns, academic adjustment and 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 courses in Interpersonal Relations, Helping Skills, and Career Choices/Life Goals designed to increase awareness of self and others and to develop interpersonal and life planning skills, and (5) individual and group consultations to help improve the learning environment at the University.

Strict confidentiality of records and counseling relationships is maintained at all times. No information concerning any person's counseling relationship shall be shared unless a written release is obtained from that person.

Counseling Center services are available Monday through Friday from 9:00 a.m. to 4:30 p.m., on Wednesday evenings from 4:30 p.m. to 7:00 p.m., and on other evenings by appointment. Appointments can be made in Archer 20 or by telephone (x 226).

Veterans Services The College Registrar's Office functions as a liaison between the Veterans Administration and the University. It certifies and processes both initial and follow-up claims for benefits. It also assists in cases when a veteran who is entitled to benefits has not received them.

Scholastic Honor Societies

Alpha Delta Sigma Honor Society
This national honor society recognizes scholastic achievement in marketing and advertising studies. To qualify, students must have completed ninety semester hours, rank in the upper 10% of Marketing majors, have a minimum 3.0 average in marketing courses, have completed or be currently enrolled in a minimum of two marketing courses one of which is in advertising, and be a national member of the American Advertising Federation.

Alpha Kappa Delta Alpha Kappa Delta is the National Honor Society for Sociology majors and Graduate Students who have demonstrated excellence in Sociology.
Its purpose is to promote in each of the various chapters an interest in Sociology, Research in Social Problems and activities leading to Human Welfare. The Suffolk Chapter has been designated Iota of Massachusetts.

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. Chapter Alpha Psi presently limits membership to juniors and seniors. 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.

Beta Beta Beta Biological Society
The Chi Kappa Chapter at Suffolk University was chartered on October 10, 1978. Beta Beta Beta is an honor and professional society primarily for students of the biological sciences. Its goals include promoting student research, publication and exposure to current biological scholarship and career possibilities. Active membership is offered to majors in the biological sciences who have completed at least one term of the sophomore year (including three biology courses) with a 3.00 average in biology and an overall average of 2.70. Associate membership is open to any interested undergraduate.
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. Students who have more than one grade of F or I are ineligible for election to Delta Alpha Pi. 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.

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.

Delta Mu Delta National Honor Society  Delta Mu Delta, The School of Management’s Gamma Alpha Chapter, honors undergraduate and graduate students who are engaged in the study of business administration. For undergraduate eligibility a student must have completed 61 credits with a cumulative average of 3.2 or better and be in the top 20% of the class. For graduate eligibility a student must have completed one half of the upper level courses with a cumulative average of 3.25 and be in the top 20% of the class. Induction is held in the spring. Initiation is held in the spring and early fall.

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) for juniors, the completion of at least fifteen semester hours of history courses with an average of 3.5, plus a general cumulative average of 3.5; or (2) for seniors, the completion of at least fifteen semester hours of history, averaging 3.5, plus a general cumulative average of 3.25. 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.

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.

Pi Alpha Alpha  is the National Honor Society for Public Affairs and Public Administration. Suffolk University, the founding member of Pi Alpha Alpha, has the distinction of being one of ten chapters specifically authorized to admit graduate students. Students in the MPA program who have a minimum grade point average of 3.6, with at least 27 hours of graduate work in the Foundations program (or 18 in other MPA programs) completed at the time of application are eligible for membership. Only the top 20% of a specific graduating class may be admitted to Pi Alpha Alpha.

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.

**Psi Chi** The Suffolk University Chapter of Psi Chi, the national honor society in psychology was chartered on April 28, 1978. Psi Chi is a member of the American Association of College Honor Societies. Criteria for membership include (1) junior or senior class status, (2) academic standing in the upper 35th percentile of class and a minimum 3.0 grade point average, (3) completion of at least five courses in psychology or completion of four courses and current enrollment in a fifth, and (4) attainment of at least a 3.25 grade point average in all courses in psychology.

**Sigma Pi Sigma** The Suffolk University Chapter of the National Society of Physics Students and the physics honor society, Sigma Pi Sigma, were established in 1979. Election to Sigma Pi Sigma membership is conducted by the active Sigma Pi Sigma members. To be eligible, a student does not have to be a physics major but must rank in the upper 20% of his/her class, have a minimum cumulative grade point average of 3.0 and a physics grade point average of 3.3.

**Sigma Xi** The purpose of Sigma Xi is to encourage original research by faculty and alumni 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 extra-curricular activities, citizenship and service to Suffolk University, and potential for further achievement. Both day and evening students are eligible for consideration.

**Honors in Biology** The Biology Honors Program (Biology H419) provides recognition to a graduating senior Biology major who has demonstrated academic excellence and the potential for contributing to and profiting from a research experience.

**Honors in English** Juniors and seniors of high scholastic achievement are selected by the English faculty 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.

**Honors in Humanities** 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 extra-curricular activities.

**Honors in Modern Language** Students who have achieved a 3.0 average in general and at least a 3.3 average in a modern language are eligible for honors if they are enrolled in a course beyond the intermediate level.

**Outstanding Student Award** Each spring the College of Liberal Arts and Sciences presents an Outstanding Student Award to the individual with the highest
cumulative grade point average in his/her respective class. To be eligible for consideration, a student must have accrued the following minimum credit hours while in attendance at Suffolk University:

<table>
<thead>
<tr>
<th>Class</th>
<th>Minimum Earned Credit Hours at Suffolk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>15</td>
</tr>
<tr>
<td>Sophomore</td>
<td>42</td>
</tr>
<tr>
<td>Junior</td>
<td>70</td>
</tr>
<tr>
<td>Senior</td>
<td>106</td>
</tr>
</tbody>
</table>

A fifth award is presented to the Senior transfer student with the highest cumulative grade point average who has earned not less than 46 credit hours while in attendance at Suffolk University.

**Student Activities**

Suffolk University has a varied and well-formulated student activities program for undergraduate and graduate, full and part-time students. The student organizations and student governments in conjunction with the Student Activities Office offer many programs, activities and services. The co-curricular program is designed to develop and encourage personal growth in leadership, initiative, cooperation and sportsmanship.

**Student Activities Office** This office is a resource to student organizations and provides recreational opportunities for students. The Student Activities Office offers services including: organizational assistance, programming advice, information, budgetary guidance, scheduling coordination, poster and flyer printing, room reservations, a monthly calendar of events, and direct advising for student organizations.

The following organizations are open to all students at Suffolk University. There are many other committees and University programs for those students who want to help shape the future of Suffolk University. For more information, contact the Student Activities Office and consult *The Log* or *After Five*, (Student Handbooks).

**Recognized Student Organizations and Athletics Opportunities**

- Accounting Club
- Alpha Phi Omega (National Service Fraternity)
- Alpha Sigma Lambda (Evening Division Honor Society)
- American Chemical Society
- American Marketing Association
- Athletics (Varsity) — S.U. sponsors varsity intercollegiate teams in basketball, golf, hockey, tennis, and cross country. The University is a member of the National Collegiate Athletic Association, the Eastern Collegiate Athletic Association, the New England College Athletic Conference, the Massachusetts Association of Intercollegiate Athletics for Women, and the Metropolitan Intercollegiate Athletic Council.
- Athletics (Intermurals) — Intermural Sports are offered for both men and women at Suffolk University. Included in the program are flag football, basketball, weightlifting, handball, squash, and softball. Clinics are held for tennis, and self-defense. There is also a swimming program for women.
- Beacon Yearbook
- Black Students Association
- Cheerleaders
- Chess Club
- Christian Science Association
- Committee Against Political Injustice
- Computer Information Systems
- Council of Presidents
- Delta Sigma Pi (Business Fraternity)
- Evening Division Student Association
- Finance Club
- Gamma Sigma Sigma (National Service Sorority)
- Gold Key Society
- Hellenic Cultural Club
- Hillel
- History Club
- Humanities Club
- International Students Association
- Italian American Club
- Irish Culture Club
- Literary Society
- Modern Language Club
MBA Association
New Directions
Newman Club
Older-Than-Average Students
Phi Alpha Tau (Communication Arts Fraternity)
Phi Chi Theta (Business Sorority)
Phi Sigma Sigma Sorority
Photography Club
Pre Law Association
Political Science Association
Psychology Club
Science Club
Ski Club
Society for the Advancement of Management
Student Government Association
Society of Physics Students
Sociology Club
Soccer Club
Stamp and Coin Society
Suffolk Evening Voice
Suffolk Journal
Tau Kappa Epsilon
Venture Magazine
Walter M. Burse Debating Society
Women’s Program Center
WSUB Closed Circuit Broadcasting (Television)
WSFR (Radio)
A complete statement of regulations pertaining to both academic and non-academic student activities is available in *The Log*, and in *After Five*, publications of the Day and Evening Division Student Government Associations.

**Registration** Registration for students currently attending the University will be conducted by mail. Appropriate notice will be posted and published as to time and procedure.

Registration for new students will be conducted during registration week at the beginning of each semester. The Admissions Office will notify newly accepted students as to time and place.

**Registration Limits** Except in special cases, registration is closed after the first full week in any semester. A late registration fee of twenty-five dollars will be required of students who are authorized to register after one full week of class, and fifty dollars after two full weeks.

**Attendance** Requirements for attendance are established by the instructors in all courses. Instructors are responsible for informing students of their policies and attitudes regarding attendance, at the beginning of each course. The student, when absent from class, has the responsibility of obtaining knowledge of materials covered in classes missed, especially information about announced tests, papers or other assignments. While absence may adversely affect grades in courses where class participation is a determinant in grading, absence *per se* in other courses will not result in academic penalty.

**Change of Address** Students are required to notify the Registrar of any change of home or local address of parent or guardian, or change of legal name. When a student's legal name is changed, a certified copy of the relevant documents must be submitted to the Registrar. Changes of address must be submitted to the Registrar within 48 hours of the effective date of the change.

**Student Conduct** Acceptable conduct is expected of Suffolk University students at all times. It is assumed that students will understand what generally constitutes acceptable conduct. Specific regulations governing all questions of conduct, and other policies and procedures governing student behavior and disciplinary measures are contained in the Joint Statement on Rights and Freedoms of Students. The Joint Statement can be found in *The Log* and in *After Five*.

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

**Dismissal** The University reserves the right to suspend, enforce the withdrawal of, or expel a student whose academic standing or conduct is in its judgement unsatisfactory, or who does not comply with the rules and regulations of 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.

**Final Examinations** Final examinations are required in all regular courses unless waived by the department chairperson and the Dean.

**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 ten 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. Students may, however, take the CLEP Test in lieu of repeating a failed course.

**Normal Full Program** A program of four or five courses is considered a full load for a full-time student in any semester. Permission to take a sixth course may be given only by the Committee on Excess Courses (see below). All full-time 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, non-degree students, or as senior citizens who may carry reduced course loads at their own discretion.

**Add/Drop or Change of Course** Full-time students who wish to add, drop, or change a course during the first two weeks of a term must obtain the signatures of the instructors of the affected courses and the faculty advisor. The form is then brought to the Accounting Office. Part-time students must obtain the signature of the instructor of the course they wish to add and the Dean's Office of their college. The form is processed by the Dean’s Office.

Normally, courses may not be added or changed after the second week and, under no circumstances, after the fourth week. Full-time 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. Part-time students need the signatures of the adding course instructor and, in all cases, the Dean’s Office of their college.

A $10 fee is charged for each course change after the first two weeks of a term. (See page 13 for tuition liability information.)

**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 University 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.

**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, 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.

**Directed Study**  
**Undergraduate**  
Directed Studies, 5 level courses, are available to Seniors in good academic standing (Juniors with strong records may also be eligible) only when a student’s program merits the course, and it has the approval of the student’s instructor, advisor and department chairperson and dean. Normally not more than two directed study courses may be attempted and these must be limited to a student’s major field of study.

Graduate Directed Studies, 900 level courses, are available to graduate students as well. All particulars of these courses must be negotiated with the department chairperson of a student’s major area of concentration.

**Credits Earned at Other Summer Sessions**  
Suffolk University students who wish to accelerate their programs by taking summer courses, with the exception of graduate students in the School of Management, 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 ensure 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 University 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.

**The Grading System**  
Effective as of the Fall Semester of 1980, the following grading system applies to all undergraduate students.

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Honor Point Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>D-</td>
<td>0.7</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
</tr>
<tr>
<td>I</td>
<td>Does not affect honor point average</td>
</tr>
<tr>
<td>W</td>
<td>Does not affect honor point average</td>
</tr>
<tr>
<td>P</td>
<td>Does not affect honor point average</td>
</tr>
<tr>
<td>L</td>
<td>Does not affect honor point average</td>
</tr>
</tbody>
</table>

“A”, “A-”, “B+”, “B”, and “B-” are honor grades. “C+”, “C” and “C-” represent satisfactory work. “D+”, “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). Students who merely stop attending a course without having completed the official forms should expect to receive a grade of “F”.
"I" (Incomplete) 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.

"L" (Lost) is awarded when the student's name appears on a roster, but that student failed to appear in class or disappeared prior to the last day for course changes without complying with the official withdrawal procedure.

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

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

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

For information concerning tuition liability, see p. 13.

**Honor Point System** 4.0 Honor Points will be granted for each semester hour of A grade work, 3.7 Honor Points for A- work, 3.3 for B- work, 3.0 for B work, 2.7 for B- work, 2.3 for C+ work, 2.0 for C work, 1.7 for C- work, 1.3 for D+ work, 1.0 for D work, 0.7 for D- work, and 0.0 for F work. Grades of I, W, P, and L 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 \text{Honor Points} = 12 \text{Honor Points}). A minimum average of 2.0 (C) is required for graduation. In some departments, a higher average is required in the major.

Scholastic averages are computed by dividing the number of honor points earned by the number of semester hours attempted.

**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 503 — 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.

**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-five semester hours; Sophomore standing, less than fifty-five semester hours; Junior standing, less than eighty-five semester hours; Senior standing, at least eighty-five semester hours.

**Academic Standing**

<table>
<thead>
<tr>
<th>Subject to Probation</th>
<th>Subject to Dismissal</th>
</tr>
</thead>
<tbody>
<tr>
<td>End of Freshman Year</td>
<td>Average of Average less</td>
</tr>
<tr>
<td>(Less than 25 credits earned)</td>
<td>1.50-1.79 than 1.50</td>
</tr>
<tr>
<td>End of Sophomore Year</td>
<td>Average of Average less</td>
</tr>
<tr>
<td>(Less than 55 credits earned)</td>
<td>1.60-1.89 than 1.60</td>
</tr>
<tr>
<td>End of Junior Year</td>
<td>Average of Average less</td>
</tr>
<tr>
<td>(Less than 85 credits earned)</td>
<td>1.80-1.99 than 1.80</td>
</tr>
<tr>
<td>Mid-Senior Year</td>
<td>Average of Average less</td>
</tr>
<tr>
<td>(More than 100 credits earned)</td>
<td>1.85-1.99 than 1.85</td>
</tr>
<tr>
<td>End of Senior Year</td>
<td>2.0 or better average</td>
</tr>
<tr>
<td>(At least 122 credits earned)</td>
<td>for graduation</td>
</tr>
</tbody>
</table>

**Academic Probation**

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.

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

**Academic Suspension and Dismissal**

A student who has been placed on probation will generally be given until the following semester's final grading period to establish an acceptable honor point average or demonstrate a significant improvement. Failing to achieve the satisfactory average, the student becomes subject to suspension or dismissal from the University after review by the Academic Standing Committee. At the end of each fall and spring semester Freshmen with an average of less than 1.5, Sophomores with an average of less than 1.6, Juniors and transfer students with an average of less than 1.8, and Seniors with an average of less than 1.85 are in imminent danger of academic dismissal.

Furthermore, a student may be dismissed at any time during the school year if, in the opinion of the Academic Standing Committee, s/he fails to maintain a satisfactory scholastic record.

All day-students who are required by the University to enroll in or complete English 001, English 002, English 003, or English 303 and do not do so may be dismissed from the University.

**Petition for Re-admission**

A student who has been dismissed for academic deficiency may, as a matter of right, file a petition for re-admission with the Academic Standing Committee. This typewritten petition should contain a brief explanation of the cause of past academic difficulties encountered and some indication of the corrective action that has been taken to prevent a recurrence of the scholastic problem.

Petitions should include a transcript of all interim college-level work attempted outside Suffolk University, if applicable, and a processing fee of $15 in the form of a check or money order. The filing deadlines for petitioning for re-admission are 30 days prior to the beginning of classes in the semester of reentry for the School of Management, and 15 days prior to the beginning of classes for the College of Liberal Arts and Sciences.
Suspension, Enforced Withdrawal, and Expulsion 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 and Plagiarism Suffolk University insists upon the highest standards of academic integrity in all student work, both written and oral. Penalties for cheating and plagiarism are severe, including possible suspension or expulsion. A full discussion of the responsibilities of students in this matter can be found in the student Log and in After 5.

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 the major courses. 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.

Application for Degree Students must submit an Application for Degree to the Accounting Office at the BEGINNING of the student’s final semester. However, students who take courses in the second evening Summer Session are not eligible for September graduation, but may graduate the following January or June. Upon filing this application, the student is required to pay the balance of any tuition and fees, including the Graduation fee. The Registrar will not accept any forms for processing 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 Dean of Student’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.

Scholastic Honors

Dean’s High Honors List A student shall be eligible for the Dean’s High Honor List in any semester in which his or her grade-point average is at least 3.70 and provided he or she receives no grade of D, F, or I.

Dean’s Honors List A student shall be eligible for the Dean’s Honor List in any semester in which his or her grade-point average is between 3.30 and 3.699 inclusive and provided he or she receives no grade of D, F, or I.

Recognition Day Students who have excelled in a single academic field, or who otherwise have earned distinction through meaningful campus activities, are formally recognized in ceremonies held at the end of each Spring semester. Recognition Day is one of the oldest of traditions observed at Suffolk University. Its purpose is to respond to excellence wherever it is found in the broad spectrum of undergraduate life. Criteria for selection are diverse, according to the nature of the award. Further information is available in the Student Activities Office, and in the Scholastic Honors Section of this Bulletin, pp. 23-26.

Graduation with Honors 1. To be eligible for graduation with honors, a student must have completed at least 60 semester hours of work at Suffolk University. (Courses for which a student receives credit through CLEP examinations may not
be counted toward this minimum of 60 semester hours, but courses taken at Emerson College through cross-registration in affiliated programs with Emerson College may be counted toward the minimum of 60 semester hours.)

2. To be eligible to graduate summa cum laude a student must, in addition to requirement 1 above, have a cumulative grade point average placing him/her in the top two percent of those members of the graduating class who meet criterion 1, must have a cumulative grade point average of at least 3.85, and must have no grades of F or I.

3. To be eligible to graduate magna cum laude a student must, in addition to requirement 1 above, have a cumulative grade point average placing him/her in the next six percent of those members of the graduating class who meet criterion 1, must have a cumulative grade point average of at least 3.7, and must have no grades of F or I.

4. To be eligible to graduate cum laude a student must, in addition to requirement 1 above, have a cumulative grade point average placing him/her in the next twelve percent of those members of the graduating class who meet criterion 1, must have a cumulative grade point average of at least 3.3, and must have no more than one grade of F or I.

5. An Honors Graduation Committee appointed and chaired by the Dean of the College, will examine the percentage distribution of students with honor point averages in order to minimize inequities. This committee would be guided by written criteria approved by the faculty but have the right to exercise judgement in unusual cases.

Degree Programs

The College of Liberal Arts and Sciences offers the following undergraduate degrees:

- Bachelor of Arts (A.B.)
- Bachelor of Science (B.S.)
- Bachelor of Science in Journalism (B.S.J.)
- Bachelor of Science in General Studies (B.S.G.S.)
- Associate in Arts (A.A.)
- Associate in Sciences (A.S.)

The Bachelor of Arts and the Bachelor of Science degrees are available in all major programs in the College of Liberal Arts and Sciences. All degree programs provide a broad liberal arts background and specialization within a single major field.

A minimum of 122 semester hours is required for the bachelor's degrees and 62 for the associate's. Day students normally complete their degree requirements in four years unless they attend the Summer Sessions to accelerate their programs. Evening students normally complete their degree requirements in from five to eight years. Most major programs specify 30 semester hours of course work, and 12 hours of Related Electives recommended by the Major Department. Major programs are offered in the following fields:

**Humanities Division**

- Communications and Speech
- Dramatic Arts*
- English*
- Fine Arts*
- French*
- Humanities*
- Journalism
- Journalism & English
- Bilingual Communication*
- Mass Communication*
- Public Relations
- Film Communication*
- Marketing Communication
- Science Communication*
- Technical Communication
- Philosophy
- Spanish*

**Natural Sciences Division**

- Biology*
- Life Studies*
- Environmental Technology*
- Marine Science*
- Medical Technology*
- Biology-Computer Science*
- Chemistry
- Chemistry
- Chemistry-Business
- Biochemistry*
- Chemistry-Computer Science*
Computer Science*
Mathematics*
  Mathematics*
  Mathematics-Computer Science*
Physics*
  Physics*
  Physics-Computer Science*

**Social Sciences Division**

Economics*
Education*
  Elementary Education*
  Business Education*
Government
History
Psychology
  Mental Health*
  Comprehensive*
  Industrial/Organizational*
  Human Development*
  Psychology-Computer Science*
Evening Students' Major
Sociology
  Crime, Law and Deviance
  General Sociology
  Health Services
  Social Work*
  Sociology-Spanish*

*Indicates that a full major is not available in the Evening Division.

Students normally select their major at the beginning of their sophomore year. Specialized, career-oriented major programs in certain fields may require an earlier beginning. In all instances students must receive the approval of their faculty advisor before they begin a major program.

**Degree Requirements**

Within the semester-hour requirements for bachelor's and associate's degrees mentioned above, certain courses and options must be taken as requisites to the degrees. These requirements are in two categories:

**College Requirements**, which provide the basic knowledge and skills necessary for successful academic work at higher levels; and the breadth of knowledge in many fields that is fundamental to liberal education.

Major Requirements, which provide the specialized knowledge, training and experience necessary in preparing for a career or vocation.

Courses that are taken as part of a student's Major or Related Elective Requirements, which are also listed under the College Requirements, below, can be used to satisfy both Major and College Requirements. These courses count only once toward the 122 hour requirement for bachelor's degrees and the 62 hour requirement for associate's degrees.

Individual exemptions from College Requirements, based on examination and recommendation of the appropriate departments, may be granted by the Dean. Semester-hour credit is not granted for such exemptions. Certain limited exemptions from College Requirements may also be granted by the Dean, without credit, in order to accommodate the needs of Major programs with unusually heavy requirements.

**A.B. and B.S. Degrees**

**College Requirements.**

All A.B. and B.S. degree programs require successful completion of the following courses. Candidates for associate's degrees, and transfer students who have more than 30 semester hours of college credit, see appropriate sections below.

Each course is a single semester in length and carries three semester hours of credit.

Laboratory courses carry one hour of credit.

Freshman Integrated Studies sequence
(IS 111-112) 6 hours

First-year English sequence
(see section on Designated Courses, item A, p. 36) 6 hours

Second-year English sequence
(item B, p. 36) 6 hours

Logic/Speech sequence
(item C, p. 36) 6 hours

Introductory Mathematics sequence
(item D, p. 36) 6 hours

Foreign Language sequence, for A.B.
Major programs only
(item E, p. 37) 6 hours
Humanities Option, for B.S. Major
Option Requirements in each of the three academic divisions, as follows:
Humanities Option: one course from the list of Designated Courses in English, Modern Languages, Humanities or Philosophy (items F-I, p. 37). May not be from the same Department whose courses are selected to fulfill the B.S. and A.S. Humanities Option of 6 hours, listed above. 3 hours
Natural Sciences Option: a two-semester sequence of courses, with labs, in one Department from the list of Designated Courses in Biology, Chemistry, or Physics (items J-L, p. 37) 8 hours
Social Sciences Option: three courses, which must include one from each of the following groups as listed in Designated Courses (items M-R, p. 38)
- Education, Psychology, or Sociology 3 hours
- Economics or Government 3 hours
- History 3 hours
  9 hours

For B.S. major programs, three courses, which must include one from each of the following groups as listed in Designated Courses (items M-R, p. 38)
- Education, Psychology, or Sociology 3 or 6 hours
- Economics, Government or History 3 or 6 hours
  9 hours

Major Requirements:
Refer to the specific requirements listed in the Departmental sections of this Bulletin, which are arranged alphabetically beginning on p. 45. 30 hours
Related Electives, as approved by Major Department 12 hours
Free Electives, to an overall total of 122 hours 122 hours

Designated Courses
A.B. and B.S. major programs

College Requirements.

A. First-Year English: Entering students normally take English 101-102 (Freshman English I, II). Students notified by the English Department are required to take English 001 and English 002 (concurrently), or English 003; they must then take English 101-102 or English 102 only, depending on individual proficiency. Upon the English Department's invitation, entering students with an unusually high proficiency in English may be exempted from English 101 and enroll in English 103 (Advanced Freshman English), to be followed by English 102.

B. Second-Year English: English 213 (Literary Masters of England I) is required of all students, and either English 214 (Literary Masters of England II) or English 215 (Literary Masters of America) is required of all students. The two courses may be taken in either order.

C. Logic/Speech: Students are required, during their sophomore year, to take a Logic/Speech sequence currently being designed by the Department of Philosophy and the Department of Communications and Speech. Details will be announced during academic year 1982-83.

D. Introductory Math:
- Math 111 (Finite Mathematics I) No prerequisite
- Math 112 (Finite Mathematics II) Math 111 recommended
- Math 143 (Precalculus Mathematics) Substantial preparation in high school algebra
- Math 161 (Calculus I) Solid background in high school algebra and trigonometry
- Math 162 (Calculus II) Math 161 required

Any two of the above courses will satisfy the Introductory Mathematics requirement. It is expected that most students will take Math 111 and 112.
E. **Foreign Language** (A.B. degree only): A two-semester sequence of French, German or Spanish taken at any level. Student competence to take courses at any level will be determined by the Department of Humanities and Modern Languages.

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### Option Requirements.

#### Humanities Division

**English:** English 113, 114 (Masters of the Drama I, II), English 123, 124 (Great Books of World Literature I, II). Majors in Dramatic Arts must take 113 and 114 in either order. Students taking only three semester hours of their Humanities Option in English may choose any of the four English courses listed above. Students taking six semester hours of their Humanities Option in English must take two of the four courses, in any order, one of the two being 113 or 123, and the other being 114 or 124.

**Humanities:** Humanities 101, 102 (Introduction to the Humanities I, II), Humanities 111 (Humanities, the Art Mode), Humanities 112 (Humanities, the Music Mode), in any order or sequence.

**Modern Languages:** French 209, 210 (Contemporary French Civilization I, II), French 211, 212 (The French-Speaking World I, II), Spanish 207, 208 (Hispanic Culture I, II), to be taken in any order or sequence.

**Philosophy:** Philosophy 115, 116 (Introduction to Philosophy I, II), Philosophy 117, 118 (History of Philosophy I, II), Philosophy 123 (Ethics), Philosophy 124 (Oriental Philosophy). Students taking only three semester hours in Philosophy to satisfy the Humanities Option requirement may take any one of the six Designated Courses. Students taking six semester hours in Philosophy must take 115 or 117; any one of the other four Designated Courses (116, 118, 123, 124) may be taken as the other course.

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### Natural Sciences Division

**Biology:** Biology 101, L101, 102, L102 (Principles of Biology I, II, and laboratories), Biology 113, L113 (Botany, and lab), Biology 114, L114 (Zoology, and lab), Science 251, L251, 252, L252 (Introduction to Coastal Geology I, II, and labs). Biology 101, L101 is a prerequisite for Biology 102, L102.

**Chemistry:** Chemistry 101, L101; 102, L102 (Basic Chemistry and Basic Chemistry Laboratory; Applied Chemistry and Applied Chemistry Laboratory) Chemistry 111, L111; 112, L112 (General Chemistry I and II, and General Chemistry Laboratory I and II)*

*Chemistry 101 and 102 are intended for non-science majors or students who have had no high school chemistry. Chemistry 111 and 112 are intended primarily for science majors. High school chemistry is a prerequisite for Chemistry 111 and 112.

The courses listed above are two-semester sequences to satisfy the Natural Science Option requirement. Both semesters within each sequence must be elected in the order given. The Natural Science Option requirement will not be satisfied by electing Chemistry 101, L101 and 111, L111. Non-science majors may make the following changes in the above-prescribed sequences:

- Students electing 111-112 may substitute the sequence L101-L102 for the sequence L111-L112.
- Students electing 111, L101 may substitute 102 for 112.
- Students electing 111, L111 may substitute 102, L102 for 112, L112.

All other variations must be approved by the chairperson of the Chemistry Department.

**Physics:** Physics 111, L111, 112, L112 (College Physics I, II, and laboratories) OR Physics 151, L151, 152, L152 (University Physics I, II, and labs)*

* All other variations must be approved by the chairperson of the Chemistry Department.
Science 111, L111, 112, L112 (Planetary Astronomy, the Universe, and labs)

*Physics 111-112 (non-calculus) and Physics 151-152 (with calculus) are different mathematical treatments of introductory physics. A student is not allowed to take both.

The courses above are two-semester sequence pairs; a student may not satisfy the Natural Science Option requirement by taking two odd-numbered courses from the above list. Within each sequence, courses must be taken in the order shown. For non-science majors, the following substitutions may be made:

- Physics 112, L112 may replace:
  - Physics 152, L152
- Science 102, L102 may replace:
  - Physics 112, L112
  - Physics 152, L152
- Science 112, L112 may replace:
  - Science 102, L102
  - Physics 112, L112
  - Physics 152, L152

Any other sequencing requires approval of the department chairperson.

Social Sciences Division

M. Economics: Economics 213 (Microeconomics), Economics 214 (Macroeconomics).

N. Education: Education 101, 102 (Introduction to Education in American Society I, II), Education 203 (Foundations of Education), Education 204 (Educational Psychology). Students taking six semester hours in Education to satisfy the Social Science Option requirement must take both halves of one of the following pairs: 101-102, 203-204.


P. History: History 101, 102 (Western Civilization I, II), History 121, 122 (Foundations of the Modern World I, II), History 151, 152 (World Civilization I, II). Students taking six semester hours in History to satisfy the Social Science Option requirement must take both halves of one of the following pairs: 101-102, 121-122, 151-152.

Q. Psychology: Psychology 113 (Psychology and Contemporary Living), Psychology 114 (General Psychology). Students planning to take six semester hours in Psychology to satisfy the Social Science Option requirement should take 113 first; those planning to take only three semester hours must take 114.

R. Sociology: Sociology 113 (Introduction to Sociology), Sociology 114 (Sociology and Urban Problems), Sociology 223 (Family and Society), Sociology 235 (Sociology of Law), Sociology 273 (Women in Contemporary Society), Sociology 283 (Sociology of Work and Occupations). Students are required to take Sociology 113 before enrolling in additional Sociology courses.
A.B. and B.S. Degrees
Transfer Students

To receive a Bachelor of Arts (A.B.) degree or a Bachelor of Science (B.S.) degree, a student entering the College of Liberal Arts and Sciences with more than 30 semester hours of transfer credit must have completed courses totalling 122 semester hours, distributed according to the following requirements:

1. A two-semester First-year English sequence 6
2. A two-semester Second-year English sequence 6
3. One course in Mathematics or in Logic 3
4. One course in Speech 3
5. A two-semester Foreign Language sequence at any level (A.B. only) 6
6. Two Humanities Option courses in English, Modern Languages, Humanities or Philosophy (A.B. only) 6
7. Four Humanities Option courses in English, Modern Languages, Humanities or Philosophy (B.S. only), to include a maximum of 6 hours in any one Department 12
8. A two-semester Natural Science sequence, consisting of two courses, with labs, in any one Physical or Life Science 8
9. Four Social Sciences Option courses distributed as follows:
   - For A.B. programs, four courses, which must include one from each of the following groups:
     a. Education, Psychology, Sociology
     b. Economics, Government
     c. History
   - For B.S. programs, four courses, which must include two from each of the following groups:
     a. Education, Psychology, Sociology
     b. Government, Economics, History
10. 30 semester hours of courses in the student’s major field 30
11. 12 semester hours of related elective courses, as approved by major Department 12
12. Free electives, to an overall total of 122 hours

122 hours

Bachelor of Science in Journalism (B.S.J.)

First-year students follow the requirements for the B.S. degree, p. 36, above, and the specific requirements for a Journalism major. Refer to pages 118-122 of this Bulletin.

Transfer students who enter the College of Liberal Arts and Sciences with more than 30 hours of credit, follow the requirements for the B.S. degree for transfer students, p. 39, above, and the specific requirements for a Journalism major. Refer to pages 118-122 of this Bulletin.

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. programs. The B.S.G.S. degree resembles the B.S. degree, but provides a variety of interdepartmental majors in the humanities, life sciences, physical sciences and social sciences. These majors consist of 42 semester hours in two or more related areas. There is no additional Related Elective
requirement. In the event that an Evening Division student transfers to the Day Division, appropriate parts of the interdepartmental major can readily apply to a major in the Day Division.

To receive a B.S.G.S. degree, a student entering the College of Liberal Arts and Sciences Evening Division with 30 or less semester hours of transfer credit must have completed 122 semester hours, and must have completed the following requirements:

1. The College Requirements specified for the B.S. degree, above, p. 36.
2. 42 semester hours in the student’s interdepartmental major field. See Evening Division section of this Bulletin for details.
3. Free Elective courses, to an overall total of 122 semester hours.

Bachelor of Science in General Studies — Transfer Students

To receive a Bachelor of Science in General Studies degree, a student entering the College of Liberal Arts and Sciences with more than 30 semester hours of transfer credit must have completed 122 semester hours of course work, and must have completed the following requirements:

1. The College Requirements specified for the B.S. degree for Transfer Students, above, p. 39.
2. 42 semester hours in the student’s interdepartmental major field. See Evening Division section of this Bulletin for details.
3. Free Elective courses, to an overall total of 122 semester hours.

Associate in Arts and Associate in Science Degrees

Associate degrees normally require two years of academic work. They respond to the needs of students who wish to have the undergraduate experience, but for whom a full four-year program is not a viable option. (Essentially the A.A. and A.S. degree programs are the same as the A.B. and B.S. programs, without major and elective requirements.) These students are in an excellent position to transfer to a four-year program, or to re-enter after an absence from college or after a change of educational objective.

To receive the A.A. or A.S. degree, a student must have completed 62 hours of course work, distributed according to the following requirements:

1. The College Requirements specified for the A.B. or B.S. degrees, above, p. 36.
2. Two courses (6 or 8 semester hours) in the student’s major field of interest.
3. Electives to an overall total of 62 semester hours.

In addition to the A.A. and A.S. programs described above, other specialized programs leading to the associate’s degree are offered by the Department of Sociology in the areas of Crime, Law and Deviance, and of Social Work. See page 157 for further information.

Associate in Arts and Associate in Science Degrees — Transfer Students

To receive a degree of Associate in Arts or Associate in Science, a student who enters the College of Liberal Arts and Sciences with more than 30 hours of transfer credit must have completed courses totalling 62 semester hours and distributed according to the following requirements:

1. The College Requirements specified for the A.B. or B.S. degrees, for transfer students, above, p. 39.
2. Two courses (6 or 8 semester hours) in the student’s major field of interest.
3. Electives to an overall total of 62 semester hours.
Suggested Course Sequences
For Bachelor's Degrees

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Studies</td>
<td>6</td>
</tr>
<tr>
<td>First-year English</td>
<td>6</td>
</tr>
<tr>
<td>Introductory Math</td>
<td>6</td>
</tr>
<tr>
<td>Option Requirement</td>
<td>6 or 8</td>
</tr>
<tr>
<td>Free Electives</td>
<td>6</td>
</tr>
<tr>
<td>Totals</td>
<td>30 or 32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second-year English</td>
<td>6</td>
</tr>
<tr>
<td>Logic/Speech</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language (A.B.) or Humanities Option (B.S.)</td>
<td>6</td>
</tr>
<tr>
<td>Option Requirement</td>
<td>6 or 8</td>
</tr>
<tr>
<td>Major Courses</td>
<td>6</td>
</tr>
<tr>
<td>Totals</td>
<td>30 or 32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Courses</td>
<td>12</td>
</tr>
<tr>
<td>Option Requirement</td>
<td>6 or 8</td>
</tr>
<tr>
<td>Related Electives</td>
<td>6</td>
</tr>
<tr>
<td>Free Electives</td>
<td>6</td>
</tr>
<tr>
<td>Totals</td>
<td>30 or 32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Courses</td>
<td>12</td>
</tr>
<tr>
<td>Related Electives</td>
<td>6</td>
</tr>
<tr>
<td>Free Electives</td>
<td>12</td>
</tr>
<tr>
<td>Totals</td>
<td>30</td>
</tr>
</tbody>
</table>

Suggested course sequences for Bachelor's Degrees in major programs that require more than 30 semester hours are provided in the Departmental sections of this Bulletin.

Pre-Legal 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.

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 the School of Management, 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 1982-1983 edition of the Pre-Law Handbook published by the Law School Admissions Council and the American Association of Law Schools. This publication contains information on pre-legal study, a brief word picture of most American law schools, and other relevant information. A copy of the Pre-Law Handbook may be obtained through many college bookstores or ordered directly from: L.S.A.S., Educational Testing Service, Princeton, N.J. 08540.

Other Pre-Professional Options

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 subjects 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 a bachelor's degree, are given preference.

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. 43.

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. 43.

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 University students who plan to study optometry pursue a commonly required Freshman year in which they include in their programs Freshman Integrated Studies, First-year English, Introductory Mathematics, General Biology, and Inorganic Chemistry. In their Sophomore year, pre-optometry students should study General Physics, Calculus, Second-year English, Logic, Speech, and courses from the Humanities or Social Science Option groups. The student should be acquainted with the requirements of the optometry college he or she expects to attend. See Health Careers Committee, p. 43.

Pre-Veterinary Education

The minimum academic requirements for to admission 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 below.

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 University 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 from the Chairperson of the Health Careers Committee. The student must also type out a list of the names and addresses of the schools to which admission is being sought. Both the Information Form and the list of schools should be submitted to the Committee Chairperson.

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

Department of Biology
Professors: West (Chairperson), Snow
Associate Professor: Howe
Assistant Professors: Burn, DiLiddo, Rhodes
Lecturers: Benoit, Comeau, Ross
Technician: Lischinsky

Biology majors may obtain a Bachelor of Science or Bachelor of Arts degree in Biology either by specializing in one of several programs (Medical Technology, Environmental Technology, Computer Science, Marine Science), or by following more flexible course offerings. The Department of Biology also administers the Life Studies major. Additionally, a jointly administered Life Studies and Computer Science Applications program is available (see p. 70). Students should decide on a program in the Freshman year after consultation with the Freshman advisor.

To earn a bachelor's degree in Biology requires the satisfactory completion of 1) prescribed courses in the major and related electives with a minimum grade point average of 2.0, 2) general requirements for all undergraduates in the College of Liberal Arts (see p. 35), and 3) free electives.

Transfer students wishing to major in Biology must successfully complete a minimum of 12 semester hours in Biology at Suffolk University. An Evening Division student who chooses to major in Biology must plan his or her program carefully with the Chairperson of the Department since very few Biology courses are presently being offered in the evening.

Courses listed for graduate credit may be applied to the M.A. in Education degree at Suffolk University, subject to the approval of the Chairperson 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 Chairperson of the Department of Biology.

Biology Program A Biology major must take 30 semester hours in Biology and the following specific, related science courses in addition to the all-college requirements. Each Biology major will be advised in the selection of courses in accordance with his or her objectives. Non-majors who enter a Biology major program after taking Biology 101, L101 will receive major credit for those courses. Students who demonstrate outstanding proficiency in Biology may be invited to participate in the Biology Honors Program (H419).

Core requirements
Biology 113-114, L113-L114, 203; seminar (409 or 479 or H419)
Chemistry 111-112, L111-L112; 211-212 or 314, L211-L212 or L314
Physics 111-112, L111-L112 or 151-152, L151-L152
Math 143-161 or 161-162
# Bachelor of Arts/Bachelor of Science in Biology

## Freshman

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 113-114, L113-L114</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry 111-112, L111-L112</td>
<td>8</td>
</tr>
<tr>
<td>Math 161, Option</td>
<td>6</td>
</tr>
<tr>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>Integrated Studies</td>
<td>6</td>
</tr>
</tbody>
</table>

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## Sophomore

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major electives</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry 211, L211, and elective</td>
<td>8</td>
</tr>
<tr>
<td>English Option</td>
<td>6</td>
</tr>
<tr>
<td>Social Sci. Option</td>
<td>3</td>
</tr>
<tr>
<td>Scientific Writing (Bio 203)</td>
<td>1</td>
</tr>
<tr>
<td>Speech and Logic</td>
<td>6</td>
</tr>
</tbody>
</table>

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## Junior

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major electives</td>
<td>8</td>
</tr>
<tr>
<td>Physics 111-112, L111-L112 or 151-152,</td>
<td>8</td>
</tr>
<tr>
<td>L151-L152</td>
<td></td>
</tr>
<tr>
<td>Humanities Options</td>
<td>6</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

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## Senior

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major electives</td>
<td>4</td>
</tr>
<tr>
<td>Humanities Option</td>
<td>3</td>
</tr>
<tr>
<td>Social Sci. Options</td>
<td>6</td>
</tr>
<tr>
<td>Biology Seminar</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>14</td>
</tr>
</tbody>
</table>

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*B.A. must take 6 hours of foreign language as part of the Humanities Option.*
Suffolk University has affiliated with the Newton-Wellesley Hospital; the Henry Heywood Memorial Hospital, Gardner, MA; and the Cambridge Hospital, in order to offer the Bachelor's Degree with a major in Biology and a program in Medical Technology. Other schools of Medical Technology may qualify for the internship year if approved by the Coordinator of Medical Technology. The program consists of a minimum of three years of day study in liberal arts and sciences at Suffolk University and a final year (minimum of 30 semester hours) of technology at any approved hospital school of medical technology.

A student may elect to follow the program at the University in four years and a fifth year at a hospital school. The clinical year is of 12 months duration and normally starts in August. Instruction is given in the laboratories of the hospitals by their staff. No tuition is charged by the University for the clinical year of study. The standard graduation fee is charged of those students involved in the clinical program during their senior year. Students must apply to the hospital school upon registering for their fifth semester of college work and must be enrolled in Biology 479 at this time. Applicants to the hospital schools are highly competitive. Acceptance is determined solely by the selecting hospital.

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 to seek certification through examination by an independent credentialing agency, such as the National Board of Registry (American Society of Clinical Pathologists) and the National Certification Agency for Medical Laboratory Personnel (NCA).
Medical Technology Program
(122 Semester Hours)

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 113-114, L113-L114</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry 111-112, L111-L112</td>
<td>8</td>
</tr>
<tr>
<td>Math 161, Option</td>
<td>6</td>
</tr>
<tr>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>Integrated Studies</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>34</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 274, L274, 275, L275</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry 211, L211 &amp; Chem 314, L314</td>
<td>8</td>
</tr>
<tr>
<td>Speech &amp; Logic</td>
<td>6</td>
</tr>
<tr>
<td>Soc. Sci. Option</td>
<td>3</td>
</tr>
<tr>
<td>English Option</td>
<td>6</td>
</tr>
<tr>
<td>Scientific Writing</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>32</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 375, L375 &amp; *Major electives</td>
<td>12</td>
</tr>
<tr>
<td>Physics 111-112, L111-L112 or 151-152, L151-L152</td>
<td>8</td>
</tr>
<tr>
<td>Humanities Option</td>
<td>6</td>
</tr>
<tr>
<td>Soc. Option</td>
<td>3</td>
</tr>
<tr>
<td>Bio Seminar</td>
<td>1</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
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<thead>
<tr>
<th>Senior</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Science 570 - Medical Technology Internship</strong></td>
<td></td>
</tr>
<tr>
<td>Science 573 - Clinical Chemistry</td>
<td>9</td>
</tr>
<tr>
<td>Science 574 - Hematology</td>
<td>9</td>
</tr>
<tr>
<td>Science 575 - Clinical Microbiology</td>
<td>10</td>
</tr>
<tr>
<td>Science 576 - Blood Banking</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>32</strong></td>
</tr>
</tbody>
</table>

*Major Electives must be selected from:

- Biology 273, L273
- Biology 277, L277
- Biology 376, L376
- Biology 385, L385
- Biology 403, L403

**or Equivalent as designated by participating hospital school.

Affiliated Cooperative Program in Environmental Technology

By affiliation with governmental and private agencies, Suffolk University offers a cooperative program in Environmental Technology. Formal programs have been established with several cooperating agencies, and several less formal interactions offer students a variety of training opportunities.

Students have an option to select one of two academic tracks within the Environmental Technology Program. One track permits the student to spend two six-month periods with an affiliated agency on a full-time basis while under the guidance of a faculty member from the University. In some cases students are compensated during the time at the agency.

The second track permits a student to be associated with a local agency on a limited-time basis while being a full-time student at the University. Depending on available funding, the student may or may not be compensated while at the agency.

It is expected that the student in either track will be registered for credit at the University and will fulfill the usual requirements for a student at the University.
Environmental Technology Program

(122 Semester Hours)

Track A

**Track A:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 113-114, L113-L114</td>
<td>Freshman</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry 111-112, L111-L112</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Math 161, Option</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>English</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Integrated Studies</td>
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**Sophomore**

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<tr>
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<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>Science 233 Internship</td>
<td><strong>Sophomore</strong></td>
<td>12</td>
</tr>
<tr>
<td>Biology 273, L273 (or major elective)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Biology 203</td>
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<td>1</td>
</tr>
<tr>
<td>Speech and Logic</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>English Option</td>
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<tr>
<td>Humanities Option</td>
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**Junior**

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<th>Course Description</th>
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<tbody>
<tr>
<td>English Option</td>
<td><strong>Junior</strong></td>
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</tr>
<tr>
<td>Chemistry (Chem 211 and elective)</td>
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<td>8</td>
</tr>
<tr>
<td>Physics 111-112, L111-L112</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>or 151-152, L151-L152</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Social Science Option</td>
<td></td>
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<td>Humanities Option</td>
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<tr>
<td>Major electives</td>
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**Senior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science 433 Internship</td>
<td><strong>Senior</strong></td>
<td>12</td>
</tr>
<tr>
<td>Biology 479</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Social Science Option</td>
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<td>6</td>
</tr>
<tr>
<td>Major electives</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Humanities Option</td>
<td></td>
<td>3</td>
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</tbody>
</table>

*Due to the heavy scheduling in the sophomore and junior year it is recommended that students give consideration to attending a summer session. Relevant Summer field-oriented courses are offered at the Robert S. Friedman Cobscook Bay Laboratory in Maine.

**Students will spend six months in residency in an affiliated agency during the sophomore and senior years. Science 433 carries 4 credits toward the major.

In Track B students substitute Science 533, Environmental Science-Directed Study (up to 24 hrs. at local agencies) for Science 233 Internship and Science 433 Internship. Students enrolled in Science 533 must also be enrolled in at least three other courses at the University. Agencies involved in this track are within easy commuting distance from the University.

Students interested in the Environmental Technology Program should see the Program Coordinator early in their academic career to determine available placements and obtain counselling regarding appropriate courses.

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

The program requires the completion of 18 semester hours of designated course work offered under the aegis of the Computer Science: Interdisciplinary Programs (see p. 69-71). The major requirements for the Bachelor of Science or Bachelor of Arts degree in Biology or the Bachelor of Arts in Life Studies remains the same. The approved sequence of courses will be taken in lieu of free electives in either of these degree options.

Bachelor of Science in Biology/Computer Science
(Suggested Course Sequence)

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>Biology 113-114, L113-L114</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry 111-112, L111-L112</td>
<td>8</td>
</tr>
<tr>
<td>Computer Science 131-132</td>
<td>6</td>
</tr>
<tr>
<td>Integrated Studies</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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</table>

<table>
<thead>
<tr>
<th>Sophomore</th>
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</thead>
<tbody>
<tr>
<td>Major elective</td>
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<tr>
<td>Chemistry 211, L211 &amp; elective</td>
<td>8</td>
</tr>
<tr>
<td>English Option</td>
<td>6</td>
</tr>
<tr>
<td>Speech &amp; Logic</td>
<td>6</td>
</tr>
<tr>
<td>Biology 203</td>
<td>1</td>
</tr>
<tr>
<td>Math 161, Option</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<table>
<thead>
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<th>Junior</th>
<th>Sem. Hrs.</th>
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</thead>
<tbody>
<tr>
<td>Major Electives</td>
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</tr>
<tr>
<td>Physics 111-112, L111-L112 or 151-152, L151-L152</td>
<td>8</td>
</tr>
<tr>
<td>Humanities Option</td>
<td>6</td>
</tr>
<tr>
<td>Comp Sci 253 or Phys 351</td>
<td>3</td>
</tr>
<tr>
<td>Comp Sci 263 or Phys 333</td>
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<table>
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<tr>
<td>Bio elective</td>
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<tr>
<td>Sci 599</td>
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<tr>
<td>Bio Seminar</td>
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<td>*Comp Sci Elective</td>
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<td>Soc Sci Option</td>
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<tr>
<td>Free Elective</td>
<td>5</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>29</strong></td>
</tr>
</tbody>
</table>

*See list of approved courses for the Computer Science: Interdisciplinary Programs on pg. 69-71.
Marine Science Program

A distinguishing feature of the program is the completion of five field courses in marine science, with two of the courses in non-biology disciplines (e.g. geology, chemistry, physical oceanography). The three biology field courses may be used in partial fulfillment of the 30 semester hours requirement of the major in Biology. All College requirements for the A.B. or B.S. degrees apply.

Courses that apply to this program are Biology 253, L253, 254, L254, Science 251-252, L251-L252, and 253 and special marine Biology offerings, usually presented in the summer, at the R. S. Friedman Laboratory.

Robert S. Friedman Cobscook Bay Laboratory  The Robert S. Friedman Cobscook Bay Laboratory was dedicated on October 7, 1973. This is a forty-acre field station on the shores of Cobscook Bay in Edmunds, Maine. The station exists as a camping field-station which features wooden tents that 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. Various departments of Suffolk University offer several field oriented courses during the academic year as well as a summer program which make extensive use of the facility in support of the Marine Science and Environmental Technology programs.

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 concerning both marine and terrestrial organisms.

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 and Cobscook Bay State Park. 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.

Biology Courses

All Biology courses must be taken with their respective laboratories unless otherwise noted or waived by written permission of the Biology Department Chairperson.

Biology 101 — Principles of Biology I. An introductory course stressing basic concepts of cell biology and the diversity of organisms in the living world. May be used for major credit. 3 hours lecture. 1 term — 3 semester hours. Days or evenings.

Biology L101 — Principles of Biology Laboratory I. A series of experiments and investigations to study the principles of diffusion, enzyme function, cell division, genetics and classification. 3 hours laboratory. 1 term — 1 semester hour. Days or evenings.

Biology 102 — Principles of Biology II. Investigations of relationships among organisms in time and space. Evolution, ecology, behavior and human biology in the context of contemporary society. This is a suggested course for the non-science majors and it may not be used as credit for science majors. Prerequisites: Biology 101 and L101. 3 hours lecture. 1 term — 3 semester hour. Days or evenings.
**Biology L102 — Principles of Biology II Laboratory.** Exercises and field trips designed to complement and demonstrate the principles developed in the lecture section. 3 hours laboratory. 1 term — 1 semester hour. Days or evenings.

*Biology 113 — General Biology (Botany).* Designed primarily for the biology major. Principles of cytology, physiology, ecology and genetics are covered using plant examples. The major plant groups are surveyed with emphasis on their characteristics and phylogeny. Required of all Biology majors. 3 hours lecture. 1 term — 3 semester hours.

**Biology L113 — General Biology (Botany) Laboratory.** A series of investigations covering topics discussed in Biology 113. Field and laboratory experiences are included. 3 hours laboratory. 1 term — 1 semester hour.

*Biology 114 — General Biology (Zoology).* Introduction to animal biology emphasizing evolution, classification, morphology, function, development, and ecology. Required of all Biology majors. 3 hours lecture. 1 term — 3 semester hours.

**Biology L114 — General Biology (Zoology) Laboratory.** A laboratory survey of the major animal phyla, with emphasis on systematics, anatomy and evolution. 3 hours laboratory. 1 term — 1 semester hour.

**Biology 157 — Underwater Techniques.** Theory and application of self-contained underwater breathing apparatus as a tool to support operations in an underwater environment. Physician’s approval required. 1 term — 1 semester hour.

**Biology 203 — Scientific Writing in Biology.** 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 Biology majors. Transfer students should enroll as early in their curriculum as possible except when waived by the Chairperson of the Department of Biology. Prerequisite: Biology 113 or 114 and English 102. 1 term — 1 semester hour. Days or evenings.

*Biology 204 — Animal Behavior.* Introduction to the basic principles of animal behavior with an emphasis on the ethology and social behavior of vertebrates from an ecological and evolutionary point of view. Prerequisite: Biology 114 or instructor’s consent. 3 hours lecture. 1 term — 3 semester hour.

**Biology L204 — Animal Behavior Laboratory.** Application of behavioral principles presented in lecture. Includes laboratory projects and field work. 3 hours laboratory. 1 term — 1 semester hour.

**Biology 213 — Bioethical Issues.** Major topics include genetic engineering, reproductive technologies, human experimentation, euthanasia, the ethics of scientific research and decision making regarding contemporary bio-social issues. Prerequisite: Biology 101 or equivalent. 3 hours lecture. 1 term — 3 semester hours. Days or evenings.

**Biology 217 — Vertebrate Biology.** Comparative look at diverse aspects of vertebrates including development, anatomy, physiology and natural history. Evolution in vertebrates as discussed in the context of phylogenetic relationships and ecological adaptation. Prerequisite: Biology 114. 3 hours lecture. 1 term — 3 semester hours. Normally offered alternate years, days only.

**Biology L217 — Vertebrate Biology Laboratory.** Practical involvement with the principles discussed in lecture, using New England vertebrates as examples. Includes both laboratory and field experiences. 6 hours laboratory. 1 term — 2 semester hours.

**Biology 223 — Non-Vascular Plants.** Survey of algae, fungi, mosses and related “lower” plant groups. Prerequisite: Biology 113. 3 hours lecture. 1 term — 3 semester hours. Normally offered alternate years.

**Biology L223 — Non-Vascular Plants Laboratory.** Examination of prepared, fresh and collected materials and cultures. 3 hours laboratory. 1 term — 1 semester hour. Normally offered alternate years.

*Attendance mandatory at periodic Monday (4 p.m.) seminars featuring guest speakers.*
Biology 224 — Vascular Plants.
Introduction to the principles of classification, identification and nomenclature of the ferns, fern allies, gymnosperms and the angiosperms. Discussion emphasizes the techniques used by modern systematists to elucidate phylogenetic relationships and taxonomic groups. Prerequisite: Biology 113. 3 hours lecture. 1 term — 3 semester hours. Normally offered alternate years.

Biology L224 — Vascular Plants Laboratory. Emphasis is on herbarium and collecting techniques and the identification of common New England species. 3 hours laboratory. 1 term — 1 semester hour. Normally offered alternate years.

Biology 233 — Environmental Management. Deals with identifying the kinds of information, including dynamic models, needed in order to plan for the management of the environment. Prerequisite: Biology 101. Required in Environmental Technology Program. 3 hours lecture. 1 term — 3 semester hours. Normally offered in alternate years. Days or evenings.

Biology 253 — Marine Botany. Biology and distribution of marine plants, with special emphasis on the taxonomy, morphology and life history of algae; dune, salt marsh and mangrove associations; intertidal zonation. Prerequisite: Biology 113 or equivalent. 3 hours lecture. 1 term — 3 semester hours. Alternate years, days only.

Biology L253 — Marine Botany Laboratory. Culture techniques; herbarium techniques; classification and identification of local marine algae; field trips to local habitats. 3 hours laboratory. 1 term — 3 semester hours. Alternate years, days only.

Biology 273 — Biometrics. 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. Strongly recommended for those planning to enroll in Biology 274. Prerequisite: Biology 101. 3 hours lecture. 1 term — 3 semester hours. Days or evenings.

Biology L273 — 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. 1 term — 1 semester hour. Days or evenings.

Biology 274 — Genetics. The principles of genetic variation as revealed in prokaryotes and eukaryotes. Topics include cytological and molecular basis of heredity, non-nuclear genes, determination and differentiation of sex, population gene frequencies and mating systems. Prerequisite: Biology 101 or equivalent. 3 hours lecture. 1 term — 3 semester hours. Days or evenings.

Biology L274 — Genetics Laboratory. Experiments designed to demonstrate those principles presented in lecture using organisms such as bacteria, molds and Drosophila. Some simulations with microcomputers. 3 hours laboratory. 1 term — 1 semester hour. Days or evenings.

Biology 277 — Vertebrate Histology. Introduction to the microscopic and submicroscopic structure of vertebrate tissues and cells. Relationships between structures and physiological processes at the organ, tissue, cell and organelle level are emphasized. Prerequisite: Biology 114. 3 hours lecture. 1 term — 3 semester hours. Days or evenings.
Biology L277 — Vertebrate Histology Laboratory. Examination of vertebrate cells, tissues and organ systems under the light microscope. Precise identification of a variety of tissues with a description of each in terms of its microscopic structure and its physiological role. 3 hours laboratory. 1 term — 1 semester hour. Days or evenings.

Biology 303 — Plant Anatomy. Discussion of plants as related to the development, form, function and evolution of plant cells, tissues and organs. Prerequisite: Biology 224. 3 hours lecture. 1 term — 3 semester hours.

Biology L303 — Plant Anatomy Laboratory. Examination of selected prepared material and some fresh specimens to correlate with structures and species discussed in lecture. 3 hours laboratory. 1 term — 1 semester hour.

Biology 316 — Reproductive Biology. Anatomical, physiological and behavioral aspects of sexual reproduction in animals with an emphasis on vertebrates. Prerequisite: Biology 217 or instructor's consent. 3 hours lecture. 1 term — 3 semester hours. Normally offered in spring of alternate years.

Biology L316 — Reproductive Biology Laboratory. Exercises designed to complement lecture material and investigate the roles of endocrines, pheromones and behavior in reproduction. Student research projects required. 3 hours laboratory. 1 term — 1 semester hour.

Biology 333 — Ecology. Basic principles of population biology and genetics; community ecology and ecosystem structure; evolutionary theory. Prerequisite: Biology 113, 114. 3 hours lecture. 1 term — 3 semester hours. Alternate years, days only.

Biology L333 — Ecology Laboratory. Field and laboratory experience in ecosystem structures; data collection, synthesis and report preparation. 3 hours laboratory or field trips. 1 term — 1 semester hour. Alternate years, days only.

Biology 355 — Invertebrate Zoology. A survey of the invertebrate phyla with special emphasis on marine forms; emphasis on morphology, development and classification, phylogeny and ecology. Prerequisite: Biology 114 or equivalent. 3 hours lecture. 1 term — 3 semester hours. Alternate years, days only.

Biology L355 — Invertebrate Zoology Laboratory. Identification and classification of invertebrates; anatomy of selected representatives; embryology: field trips to local habitats. 3 hours laboratory or field trips. 1 term — 1 semester hour. Alternate years, days only.

Biology 375 — Microbiology. Introduction to the microbial world. Viruses, bacteria, and fungi are surveyed in terms of their ecology, biochemistry and taxonomy. Prerequisites: Bio 274 and Chem 211. 3 hours lecture. 1 term — 3 semester hours.

Biology L375 — Microbiology Laboratory. Introduction to bacteriological techniques and to their applications in research and diagnosis. 3 hours laboratory. 1 term — 1 semester hour.

Biology 376 — Parasitology. The relationship of parasitic organisms to the Animal Kingdom in health and disease. Life histories, systematics and ecology of protozoan, helminth and anthropod parasites. Prerequisite: Biology 101. May be taken for undergraduate or graduate credit. Graduate students required to complete special research projects. 3 hours lecture. 1 term — 3 semester hours. Days or evenings.

Biology L376 — Parasitology Laboratory. Examination and identification of parasitic species utilizing prepared slides and specimens. 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. 1 term — 1 semester hour. Days or evenings.

Biology 385 — Pathogenic Microbiology. Study of the microorganisms which cause disease. Pathogenesis, the host-parasite relationship, epidemiology and public health approaches are stressed. Prerequisites: Biology 275, 375 and L375. 3 hours lecture. 1 term — 3 semester hours.

Biology L385 — Pathogenic Microbiology Laboratory. Practical approaches to the isolation and cultivation of pathogenic microorganisms and to the diagnosis of the diseases caused. 3 hours laboratory. 1 term — 1 semester hour.
**Biology 403 — Cellular Physiology.** Topics such as cell chemistry, cell regulation, gene action and structure and function of cell components. Experimental protocols will be emphasized. Prerequisites: Chem 211, Biology 113, 114. 3 hours lecture. 1 term — 3 semester hours.

**Biology L403 — Cellular Physiology Laboratory.** Techniques of differential centrifugation, radioisotopic tracers, chromatography, electrophoresis and use of the physiograph will be covered. 3 hours laboratory. 1 term — 3 semester hours.

**Biology 404 — Animal Physiology.** Basic physiological processes of vertebrates and invertebrates; metabolism, thermal and osmotic regulation, respiration, excretion, neurobiology, sense organs; physiological ecology. 3 hours lecture. 1 term — 3 semester hours.

**Biology L404 — Animal Physiology Laboratory.** Selected physiological mechanisms, as displayed by invertebrate and vertebrate organisms, are assessed using laboratory equipment designed to detect and trace metabolic pathways. 3 hours laboratory. 1 term — 1 semester hour.

**Biology 409 — Biology Seminar.** A seminar required of many biology majors as seniors. Library search of the scientific literature, a formal presentation and a term paper on a biological topic are required. 1 hour seminar. 1 term — 1 semester hour.

**Biology 414 — Plant Physiology.** The physiology of vascular plants including water relations, photosynthesis, biochemistry, hormones, photoperiodism and flowering. Relevant experimental works will be emphasized. Prerequisites: Biology 113, 114, and Chem 211. 3 hours lecture. 1 term — 3 semester hours. Alternate years.

**Biology L414 — Plant Physiology Laboratory.** Experiments emphasizing the principles covered in Biology 414 lecture. 3 hours laboratory. 1 term — 1 semester hour. Alternate years.

**Biology H419 — Biology Honors.** Outstanding biology majors may be invited by the faculty to participate in Biology Honors. An original research project is required to be accompanied by a literature search and presentation of a paper at a societal meeting. 1 hour seminar. 2 terms — 2 semester hours.

**Biology 479 — Technology Seminar.** A seminar required of all Technology students as juniors. An oral presentation based on library research and a term paper are required. Hospital or agency admission procedures are discussed. 1 hour seminar. 1 term — 1 semester hour.

**Biology 599 — Directed Study.** Student projects may be initiated by a student or faculty member with approval of the Chairperson. A written proposal which must have majority approval of the Biology faculty is required prior to enrolling. Prerequisites: Advanced Biology standing, instructor's consent, approval of a majority of the Biology faculty and signature of the Department Chairperson. 1 term — 3-4 semester hours.
The Department of Chemistry offers four major degree programs leading to a B.S. or A.B. in either CHEMISTRY or BIOCHEMISTRY. Students who elect chemistry as their area of concentration may choose to follow the flexible and traditional Chemistry program or the more structured interdisciplinary programs in Chemistry-Computer Science, Chemistry-Business, and Biochemistry. Since the recommended course of study for the Freshman year is essentially the same for all of the programs, decisions regarding specific curricular options can be postponed at least until the Sophomore year. Nevertheless, students are urged to consult with the Chemistry Department Chairperson 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.

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 Chairperson. 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.

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.

*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 Chairperson if necessary.

Curricula in Chemistry

Chemistry Program

The curricula for the B.S. and A.B. degree in Chemistry satisfy the requirements for certification by the American Chemical Society. Both degree programs are recommended for those planning research careers and/or graduate study in chemistry.

In accordance with the guidelines established by the American Chemical Society, it is recommended that Chemistry majors acquire a reading knowledge of German.

Individualized programs of study, appropriate to students’ interests and specialized career objectives, may be designed. Careers in non-traditional areas which may be pursued with a degree in chemistry, some of which may require graduate study, include science writing, environmental science, forensic chemistry, information and computer sciences, chemical business, and patent law.

Core Requirements:

Computer Science 131
Mathematics 161-162, 261-262
Physics 151-152, L151-L152

The recommended course sequence leading to the B.S. degree is outlined below.
### Freshman

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 111-112, L111-L112</td>
<td>8</td>
</tr>
<tr>
<td>Computer Science 131</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 161-162</td>
<td>6</td>
</tr>
<tr>
<td>English 101-102</td>
<td>6</td>
</tr>
<tr>
<td>Freshman Integrated Studies</td>
<td>6</td>
</tr>
<tr>
<td></td>
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### Sophomore

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 211-212, L211-L212</td>
<td>8</td>
</tr>
<tr>
<td>Physics 151-152, L151-L152</td>
<td>8</td>
</tr>
<tr>
<td>Second Year English</td>
<td>6</td>
</tr>
<tr>
<td>Speech/Logic</td>
<td>6</td>
</tr>
<tr>
<td>Free Elective</td>
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### Junior

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<tr>
<td>Chemistry 314</td>
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<tr>
<td>Chemistry 411-412, L411-L412</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics 261-262</td>
<td>6</td>
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<tr>
<td>Humanities Option</td>
<td>3</td>
</tr>
<tr>
<td>Social Science Option</td>
<td>3</td>
</tr>
<tr>
<td>Free Electives</td>
<td>6</td>
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### Senior

<table>
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<td>Chemistry 423</td>
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<tr>
<td>Chemistry 425 or 426</td>
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</tr>
<tr>
<td>Chemistry 429</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry Elective</td>
<td>4</td>
</tr>
<tr>
<td>Humanities Option</td>
<td>6</td>
</tr>
<tr>
<td>Social Science Option</td>
<td>6</td>
</tr>
<tr>
<td>Free Electives</td>
<td>6</td>
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<tr>
<td></td>
<td><strong>31</strong></td>
</tr>
</tbody>
</table>

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**Chemistry-Computer Science Program**

The Chemistry-Computer Science program adds an integral interdisciplinary dimension to the undergraduate study of chemistry. Reflecting the increasing importance of computer science expertise in technological endeavors, particularly with regard to the application of programming skills to chemical instrumentation and analysis, the program should provide expanded career opportunities for Chemistry majors whether their goal is job placement or graduate study.

**Program Requirements:**

Core requirements in Chemistry, Computer Science, Mathematics, and Physics. *In addition,* Computer Science 132, 253 (or Physics 351), 333 and six hours of Computer Science electives approved by the Department of Chemistry.

The recommended course sequence leading to the B.S. degree is outlined below.

### Freshman

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Chemistry 111-112, L111-L112</td>
<td>8</td>
</tr>
<tr>
<td>Computer Science 131</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 161-162</td>
<td>6</td>
</tr>
<tr>
<td>English 101-102</td>
<td>6</td>
</tr>
<tr>
<td>Freshman Integrated Studies</td>
<td>6</td>
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<td></td>
<td><strong>29</strong></td>
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### Sophomore

<table>
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<th>Course</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Chemistry 211-212, L211-L212</td>
<td>8</td>
</tr>
<tr>
<td>Computer Science 132</td>
<td>3</td>
</tr>
<tr>
<td>Physics 151-152, L151-L152</td>
<td>8</td>
</tr>
<tr>
<td>Second Year English</td>
<td>6</td>
</tr>
<tr>
<td>Speech/Logic</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td><strong>31</strong></td>
</tr>
</tbody>
</table>
Chemistry-Business Program

The Chemistry-Business program combines the traditional undergraduate Chemistry curriculum with basic foundation courses in business. It is intended for those students interested in pursuing careers in the sales, management, marketing or production aspects of the chemical and allied chemical industries. Since the business component is included without compromising the requisite professional preparation in chemistry, the student is not limited with regard to graduate study in either chemistry or business.

Program Requirements:


The recommended course sequence leading to the B.S. degree is outlined below.

**Freshman**  
Chemistry 111-112, L111-L112 ........................................ 8  
Computer Science 131 ................................................. 3  
Mathematics 161-162 ................................................... 6  
English 101-102 ........................................................ 6  
Freshman Integrated Studies ......................................... 6  

**Sophomore**  
Chemistry 211-212, L211-L212 ........................................ 8  
Mathematics 113 .......................................................... 3  
Physics 151-152, L151-L152 ........................................... 8  
Second Year English .................................................... 6  
Speech/Logic ............................................................. 6  

**Senior**  
Chemistry 423 ................................................................ 3  
Chemistry 425 or 426 .................................................... 3  
Mathematics 113 .......................................................... 3  
Humanities Option ....................................................... 6  
Social Science Option ................................................... 6  
Free Electives ................................................................. 6  

31
Curriculum in Biochemistry

Biochemistry Program  The program in Biochemistry is based on curriculum interaction between the disciplines of Chemistry and Biology. Since the areas of concentration are broadened and well-integrated, several career options are possible upon successful completion of the program. It is recommended particularly for those planning careers in allied health areas, including clinical chemistry; graduate study in biochemistry, pharmacology or toxicology; and pre-professional study for medicine or dentistry.

Core Requirements:
Biology 101, L101 and two of the following: 274, L274; 277, L277; 275, L275; 375, L375; 403, L403
Computer Science 131
Mathematics 161-162
Physics 151-152, L151-L152

The recommended course sequence leading to the B.S. degree is outlined below.

Freshman  Sem. Hrs.
Chemistry 111-112, L111-L112 ..................... 8
Biology 101, L101 ....................................... 4
Mathematics 161-162 .................................. 6
English 101-102 ........................................ 6
Freshman Integrated Studies ......................... 6
Total .................................................. 30

Sophomore  Sem. Hrs.
Chemistry 211-212, L211-L212 ..................... 8
Computer Science 131 ................................. 3
Physics 151-152, L151-L152 ......................... 8
Second Year English .................................. 6
Speech/Logic ........................................... 6
Total .................................................. 31

*May be used in partial fulfillment of the Social Science Option.
**Junior**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Chemistry 313</td>
<td>1</td>
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<tr>
<td>Chemistry 314</td>
<td>4</td>
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<tr>
<td>Chemistry 331-332, L331-L332</td>
<td>8</td>
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<tr>
<td>Biology Electives*</td>
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<tr>
<td>Humanities Option</td>
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<td>Social Science Option</td>
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**Senior**

<table>
<thead>
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<tr>
<td>Chemistry 411-412, L411-L412</td>
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<tr>
<td>Chemistry 429</td>
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<tr>
<td>Chemistry 433</td>
<td>4</td>
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<td>Humanities Option</td>
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<td>Free Electives</td>
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*Must be chosen from the following: Biology 274, L274; 277, L277; 275, L275; 375, L375; 403, L403.

**Chemistry Courses**

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

Chemistry 423, 425, 426, 433 and 553 may be taken for graduate credit subject to the approval of the Chemistry Department Chairman and course instructor.

**Chemistry 102 — Applied Chemistry.**

Organic chemistry and biochemistry are discussed. Other topics emphasize applications of techniques and may include: chemical instrumentation, industrial chemistry, agricultural chemistry, food chemistry; household chemistry, chemistry of medicines, forensic chemistry, and energy. May be used as science credit by non-science majors only. 3 hours lecture. Laboratory optional. Prerequisite: Chemistry 101. 1 term — 3 semester hours. Normally offered yearly, days only.

**Chemistry L101-L102 — Basic Chemistry Laboratory and Applied Chemistry Laboratory.** The principles of chemistry and its applications demonstrated through experimentation. 2-hour laboratory period. Concurrent enrollment in Chemistry 101-102 required. 2 terms — 2 semester hours. Normally offered yearly, days only.

**Chemistry 111-112 — General Chemistry.** Fundamental principles of chemistry are discussed. Topics include introductions to atomic structure, periodic table, nature of chemical bonds, stoichiometry, gas laws, solutions, acid-base systems, chemical equilibria, thermodynamics, electrochemistry, kinetics, and chemistry of selected elements. 3 hours lecture. Prerequisite: High school chemistry. 2 terms — 6 semester hours. Normally offered yearly, days only.

**Chemistry L111-L112 — General Chemistry Laboratory.** The basic principles of chemistry illustrated through laboratory investigation. Qualitative and quantitative analysis, particularly volumetric methods, are emphasized. 1 hour lecture, 3 hour laboratory. Concurrent enrollment in Chemistry 111-112 required. 2 terms — 2 semester hours. Normally offered yearly, days only.

**Chemistry 211-212 — 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. 3 hours lecture. Prerequisite: Chemistry 112. 2 terms — 6 semester hours. Normally offered yearly, days and evenings.
Chemistry L211-L212 — Organic Chemistry Laboratory. Laboratory exercises consisting of techniques of separation and purification, including chromatographic methods; synthesis and spectroscopic characterization of organic compounds; reactivity studies. 4-hour laboratory. 2 terms — 2 semester hours. Normally offered yearly, days and evenings.

Chemistry 313 — Chemical Literature. A thorough introduction to the chemical literature; practice in searching the literature; writing and presenting a scientific paper. 1 hour lecture-discussion. Prerequisite: Chemistry 212 or Instructor's permission. 1 term — 1 semester hour. Normally offered yearly, days or evenings.

Chemistry 314 — Instrumental Analysis. Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic, and emission spectroscopy; chromatography; voltammetry; potentiometric and conductometric measurements; computer applications. 3 hours lecture, 4-hour laboratory. Prerequisite: Chemistry 212. 1 term — 4 semester hours. Normally offered yearly, days or evenings.

Chemistry 331-332 — Biochemistry. The chemistry of amino acids, proteins, lipids, carbohydrates, and nucleic acids. Emphasis is on structure and function of biomolecules and intermediary metabolism. 3 hours lecture. Prerequisite: Chemistry 212. 2 terms — 6 semester hours. Normally offered yearly, days or evenings.

Chemistry L331-L332 — Biochemistry Laboratory. Exercises emphasizing the equipment and methodology of biochemical experimentation. Exercises may cover such topics as metabolism, electrophoresis of biological materials, isotope tracer techniques and enzyme kinetics. Computer laboratory. 3 hours laboratory. Concurrent enrollment in Chemistry 331-332 required. 2 terms — 2 semester hours. Normally offered yearly, days or evenings.

Chemistry 355 — Environmental Chemistry. A study of the chemical basis of environmental problems. Topics include aquatic chemistry, air pollution, and the interaction between chemical and biological systems. 3 hours lecture. Prerequisite: Chemistry 112. Chemistry 314 is recommended. 1 term — 3 semester hours. Normally offered every third year, evenings only.

Chemistry 411-412 — Physical Chemistry. Thermodynamics and its applications to physical and chemical equilibria; introduction to the kinetic theory of gases and concepts of statistical mechanics; chemical kinetics; electrochemistry; and introductory quantum chemistry. 3 hours lecture. Prerequisites: Chemistry 112, Mathematics 162, Physics 152. 2 terms — 6 semester hours. Normally offered yearly, days or evenings.

Chemistry L411-L412 — Physical Chemistry Laboratory. Laboratory exercises of classical and modern experiments in physical chemistry. 4-hour laboratory. Concurrent enrollment in Chemistry 411-412 required. 2 terms — 2 semester hours. Normally offered yearly, days or evenings.

Chemistry 423 — Advanced Physical Chemistry. Quantum chemistry and its applications to molecular bonding and spectroscopy. 3 hours lecture. Prerequisite: Chemistry 412. 1 term — 3 semester hours. Normally offered yearly, days or evenings.

Chemistry 425 — Inorganic Chemistry Laboratory. Introduction to the concepts and chemical systems of inorganic chemistry including the periodic properties, molecular structure and bonding, inorganic crystals, and descriptive chemistry of the non-transition elements. 3 hours lecture. Prerequisites: Chemistry 212, 412. 1 term — 3 semester hours. Normally offered alternate years, evenings only.

Chemistry 426 — Inorganic Chemistry. Chemistry of transition metal complexes illustrated through lecture and laboratory. Topics include bonding theories, stereochemistry, preparation of complexes, complex ion stability, kinetics and mechanisms of reactions of complexes, and spectroscopy. 2 hours lecture, 3-hour laboratory. Prerequisites: Chemistry 212, 412. 1 term — 3 semester hours. Normally offered alternate years, evenings only.
Chemistry 429 — Research and Seminar.  
Independent study under the direct supervision of the Chemistry Department faculty. Students are required to attend departmental seminars, present a seminar, and submit a written report on their investigation. Prerequisite: Chemistry 313. 1 - 4 semester hours. Normally offered yearly, days only.

Chemistry 433 — Advanced Biochemistry. Specialized topics are examined in an intensive laboratory, lecture-seminar format. Students are expected to conduct laboratory work on an independent basis. Topics may include enzyme purification, bacterial transformation, protein synthesis and photosynthesis. 2 hours lecture, 6 hours laboratory. Prerequisites: Chemistry 332, L332. 1 term — 4 semester hours. Normally offered yearly, days only.

Chemistry 553 — Introduction to Toxicology. The study of harmful actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics may include pesticides, food additives, carcinogenesis and teratogenesis. 3 hours lecture. Prerequisites: Chemistry 212 and Biology 101 or equivalent. 1 term — 3 semester hours. Normally offered alternate years, evenings only.
Communications and Speech

Department of Communications and Speech

Professor: Strain
Assistant Professors: Harris (Chairperson), Boone

Requirements for the major in Communications and Speech consist of 30 semester hours plus 12 additional hours of related electives. All majors must take C.Sp. 405 — Communications Theory and C.Sp. 409 — Research Methods in Communication. In addition, each major must declare by the end of his/her sophomore year (prior to the completion of 60 semester hours) or upon transfer to the major, an area of concentration within the major. Twelve semester hours of coursework is required in each track. An additional twelve semester hours must be chosen from other Departmental offerings (excluding C.Sp. 103 — Rhetorical Communications).

Areas of Concentration

Track 1: Argumentation (Argumentation, Advanced Argumentation, Persuasion, Legal Communication, Propaganda)

Track 2: Forensics (Forensics, Advanced Forensics, Advanced Public Speaking, Speech Writing, Coaching and Directing Forensics)

Track 3: Mass Communication (REQUIRES CROSS REGISTRATION WITH EMERSON COLLEGE) (Intro to Mass Comm., plus three other courses as approved by the Department Chairperson of Communications and Speech of Suffolk University from relevant Emerson College offerings)

Track 4: Oral Interpretation (Oral Interp., Advanced Oral Interp., Oral Performance, Readers' Theater)

Track 5: Communication Disorders (REQUIRES CROSS REGISTRATION WITH EMERSON COLLEGE) (4 courses as approved by the Department Chairperson of Communications and Speech of Suffolk University from relevant Emerson College offerings)

Track 6: Organizational Communication (Business and Professional Speaking, Consulting, Organizational Communication, Decision Making)

Track 7: Rhetorical Criticism (Rhetoric and Popular Culture, Rhetorical Theory, Criticism of American Public Address, Political Rhetoric)

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.

Communications and Speech Courses

Communications and Speech 103 — Rhetorical Communication. The development, delivery, and analysis of rhetorical messages. Stress on broad theories of rhetorical analysis in a historical context and pragmatic experience in delivering oral messages. Satisfies College of Liberal Arts and Sciences Rhetoric Requirement. 1 term — 3 semester hours. Normally offered every semester.

Communications and Speech 115 — Public Speaking. Practical training in analyzing, organizing, adapting, and delivering ideas by public speaking. Students deliver original speeches (informative, persuasive, impromptu, et al) in class. 1 term — 3 semester hours. Normally offered every semester.
Communications and Speech 119 — Voice and Articulation. Provides the student with knowledge of the mechanics of voice production, and develops control in pitch, volume and quality. 1 term — 3 semester hours. Normally offered every semester.

Communications and Speech 215 — Discussion. Increases proficiency in public discussion and conference groups by examining group processes and behavior, agenda development, leadership, and reflective thinking. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 219 — Interviews and Non-Verbal Communication. Principles of communication applicable to interview situations in business and the professions. Role-playing exercises explore the relationship in an interview between information giving and non-verbal behavior. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 225 — Theater Arts. Fundamentals of theatrical experience by lecture, discussion, and demonstration. Emphasizes analysis of script and production. Attendance at Suffolk University-sponsored productions may be required. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 227 — Play Production. Takes the play script from page to production. Each production area — business, publicity, scenery, property, costume, make-up, lighting, acting — is presented. Practical experience through student productions. Prerequisite: C.Sp. 225. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 229 — Acting I. Fundamentals of acting. Emphasis on development of the actor’s inner resources, sensitivity, and imagination. Theater games, physical exercises, and improvisations are used to remove barriers to the actor’s means of expression. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 235 — Argumentation. Projects in analysis, research evidence, briefing, refutation, and delivery of debates on representative questions. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 245 — Forensics. Intensive research on topics in debate and active participation in the University forensics program. Prerequisite: Instructor’s consent. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 255 — Mass Communications. Historical, political, and social backgrounds of the mass media, with emphasis on the oral aspects of mass communications. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 265 — 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: C.Sp. 119. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 275 — Business and Professional Communication. Examines communication functions and problems within a business and professional context. Sales speeches, technical presentation, conference management, resume writing, business interviews, and other types of business communication. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 285 — Rhetoric and Popular Culture. Examines the applications of rhetorical theories to everyday situations. Music, politics, and popular literature are discussed in terms of their persuasive impact as a rhetorical force. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 325 — Stagecraft. Experience in the technical elements of play production with emphasis on stage techniques, set construction, and scene painting. Laboratory hours will be arranged to ensure practical experience in scenic arts and crafts. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 327 — Theater Workshop. Detailed study of a play through preparing it for full-scale production. Acting, directing, producing, and designing, to be coordinated with the drama club productions whenever possible. Prerequisites: C.Sp. 225, C.Sp. 227. 1 term — 3 semester hours. Normally offered yearly.
Communications and Speech 329 — Acting II. A continuation of Acting I, creating a character, script study, development of role, and application of improvisation to the rehearsal process. Prerequisites: C.Sp. 119, C.Sp. 229. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 335 — Persuasion. Analysis of persuasive techniques, particularly those used by communicators in their attempt to gain public acceptance. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 345 — Advanced Forensic Activities. Opportunities for advanced students to conduct intensive research in advanced debate theory. Extensive participation is required in the University forensics program. Prerequisite: Instructor's consent. 1 term — 3 semester hours. Normally offered yearly.


Communications and Speech 365 — Oral Performance. Designed for students in forensics and theater. Special attention to techniques of voice projection, visual contact, and gesturing before a large audience. Prerequisites: C.Sp. 265 or C.Sp. 245. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 375 — Organizational Communication. Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, decision making, superior-subordinate communications, organizational effectiveness, and change processes. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 385 — Rhetorical Theory. Methods of critical evaluation of significant speeches past and present. Rhetorical, literary, historical, linguistic and quantitative methods of criticism will be analyzed. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 405 — Communication Theory. An interdisciplinary overview of communication theories from the perspective of the scientist, the psychologist, the philosopher, the sociologist, and others. Major issues in communication, such as motivation, perception, reasoning, and organizational behavior. Prerequisite: 9 semester hours in Communications and Speech. 1 term — 3 semester hours. Normally offered yearly.

Communications and Speech 409 — Research Methods. An analysis of the methods used in communication research. Emphasis is on understanding and application of experimental, descriptive, and historical critical research methods. Prerequisite: 9 semester hours in Communications and Speech. 1 term — 3 semester hours. Normally offered yearly.


Communications and Speech 437 — Propaganda. An overview of various techniques used to influence and control human behavior as expressed by theorists from Machiavelli to Mao. 1 term — 3 semester hours. Normally offered every other year.
Communications and Speech 439 — Legal Communication. The communicative situation in the courtroom. Description and practice of techniques of legal communication such as cross examination. Students engage in mock trial situations to gain practical experience. 1 term — 3 semester hours. Normally offered every year.

Communications and Speech 445 — Coaching and Directing Forensics. The duties and responsibilities of the forensic coach. Tournament direction, speech criticism and evaluation, judging standards, and methods of organizing a competitive speech and debate program. Prerequisite: C.Sp. 245 or equivalent. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 449 — 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: C.Sp. 115. 1 term — 3 semester hours. Normally offered alternate years.

Communications and Speech 465 — Readers' Theater. The course will concentrate on all aspects of Readers' Theater including compilation and adoption of a manuscript, and directing techniques for the students' final production. Prerequisite: C.Sp. 265. 1 term — 3 semester hours. Normally offered alternate years.

Communications and Speech 469 — Advanced Oral Interpretations. Continuation of C.Sp. 265 through the oral interpretation of various types of literature: poetry, prose, drama. Students present short programs. Prerequisite: C.Sp. 265. 1 term — 3 semester hours. Normally offered alternate years.

Communications and Speech 475 — Consulting. Develops skill in consulting practices and in critical assessments of research in consulting. Includes ethical considerations, contract negotiations, entry-level behavior with clients, communication instruments used for interventions, and evaluative procedures. Prerequisites: C.Sp. 275 or 375. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 479 — Decision Making. Influence of communication on problem solving and decision making, for individuals, groups, and organizations. The student will apply a variety of problem solving and decision making techniques to case studies involving government and industry. Prerequisites: C.Sp. 275 or C.Sp. 375. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 485 — American Public Address. Students are expected to analyze specific speeches of prominent Americans throughout history, employing the methods explored in the course. 1 term — 3 semester hours. Normally offered alternate years.

Communications and Speech 489 — Political Rhetoric. Examination of the special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians and political speeches are combined with discussion of current political rhetorical trends. 1 term — 3 semester hours. Normally offered every other year.

Communications and Speech 503 — Independent Study. Academically qualified students in their junior or senior year may elect to undertake an in-depth research study in a specialized area of communications and theater. Prerequisite: 12 semester hours in Communications and Speech and permission of the Departmental Chairperson. 1-2 terms — 3-6 semester hours. Normally offered yearly.

Communications and Speech 505 — Internships. Students in their junior or senior year may elect to serve as interns in business, broadcasting, government, or some other formal organization. The internship must focus on some significant aspect of communication. Prerequisite: 12 semester hours in Communications and Speech and permission of the Departmental Chairperson. 1-2 terms — 3-6 semester hours. Normally offered yearly.
Suffolk University-Emerson College

Cross-Registration Program  Since 1968, Suffolk University and Emerson College have offered 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, Theater 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. Providing they have completed the normal prerequisites, students may cross-register in most courses except those that are offered at the parent college.

To cross-register, Suffolk University 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 department advisor and an appropriate departmental faculty advisor at Emerson.

Walter M. Burse Forensic Society  The Department of Communications and Speech sponsors and supervises the Walter M. Burse Forensic Society. The purpose of this organization is to help students develop and master techniques of argumentation and oral communication. After working on campus, members participate in intercollegiate debate and speech tournaments at other colleges and universities throughout the United States.

Each year, the Department of Communications and Speech sponsors a High School Debate Tournament, a Junior College Speech Tournament, and a College Speech and Debate Tournament. Students also visit Norfolk Prison where they compete with the Norfolk Prison debate teams. Some students work with the prisoners as interns.

No previous debate or speech experience is required for membership in the Walter M. Burse Forensic Society. Any undergraduate student at Suffolk University is eligible. Suffolk is also a member of the National Forensic Society, Delta Sigma Rho-Tau Kappa Alpha.

Dramatic Arts  The major in Dramatic Arts is a cooperative program of the Department of English, the Department of Humanities and Modern Languages, and the Department of Communications and Speech. See p. 74 for a full description.

Suffolk University Theater Company  The Department of Communications and Speech supervises and partially funds the Suffolk University Theater Company, the only professional, non-profit university resident theater in Boston. Using the 650 seat university theater, the company provides the best of traditional theater, a platform for new playwrights, and a center for the increased development and exposure of the performing arts in Massachusetts. These programs serve to strengthen the humanities offerings at the University by providing students, faculty, and staff the opportunity to view and directly participate in professional theater.
Computer Science

Department of Mathematics and Computer Science

Director of Academic Computing: Myrvaagnes.
Computer Science Faculty:
Professors: Ezust (Chairperson), Cohn, Good, W. Johnson, Myrvaagnes
Assistant Professors: Garneau, Humphrey
Lecturer: N. Dokos

The Department of Mathematics and Computer Science offers a major in computer science and cooperates with the other natural science departments in administering and providing faculty for the various computer science programs which are offered. Besides the computer science major, there are five additional bachelor's degree programs available involving computer science: Biology/Computer Science, Chemistry/Computer Science, Mathematics/Computer Science, Physics/Computer Science, and Psychology/Computer Science. The major program in computer science is designed for students planning to enter graduate school or the job market in computer science. The combined programs can provide expanded career options for those who prefer to major in one of the sponsoring disciplines.

In addition to the bachelor's degree programs mentioned above, there are two post-baccalaureate programs combining computer science applications with physical sciences and with life studies, respectively. These are restricted to persons who have earned bachelor's degrees from accredited institutions and are designed to provide them with new career options. A student who successfully completes either of these programs receives a certificate indicating competence in specified areas of computer science and basic knowledge in the area of life studies (biology), or in the physical sciences (chemistry and physics).

Computer Science students who, through course work beyond the elementary level have demonstrated substantial ability and skill in programming and problem solving are eligible to participate in the Honors Practicum, Computer Science H573. Under close faculty supervision, Honors Practicum students produce and maintain software for various departments and administrative offices of the university.

Computer Science Major

A student majoring in computer science must successfully complete 30 semester hours in computer science as described below. The additional requirements in mathematics and physics satisfy the general college requirements in mathematics and a laboratory science as well.

Core Requirements:
Computer Science: (30 hours)
- Computer Science 131-132 (Computer Programming I and II)
- Computer Science 253 (Introduction to Computer Systems)
- Computer Science 255 (Introduction to Computer Organization)
- Computer Science 263 (Introduction to File Processing)
- Computer Science 265 (Data Structures and Algorithms)
- Computer Science 333 (Organization of Programming Languages)
- Computer Science 355 (Operating Systems and Computer Architecture)

Computer Science Elective Courses*

*Additional courses totalling six hours must be chosen from a list of computer courses approved by the Chairperson of the Department of Mathematics and Computer Science. Not more than three hours may be in "language" courses. At present, the approved courses include all CMPSC courses numbered 200 or higher, as well as PHYS 351 and 352 (Microprocessors I and II). Substitution of any other courses.
Computer Science requires prior written approval by the Chairperson of the Department of Mathematics and Computer Science.

Mathematics: (15 hours)
- Mathematics 161-162, 261-262 (Calculus I, II, III, and IV)
- Mathematics 281 (Discrete Mathematics I)

Physics: (11 hours)
- Physics 151-152, L151-L152 (University Physics and Lab)
- Either Physics 303 (Digital Electronics) or Physics 311 (Integrated Circuits I)

(Suggested Course Sequence)

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<td>Integrated Studies</td>
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<td>Mathematics 161-162</td>
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<td>Physics 151-152 &amp; L151-L152</td>
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<td>Computer Science 131-132</td>
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<tr>
<td>Logic and Speech</td>
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<td>Language (B.A.) or Humanities (B.S.)</td>
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<tr>
<td>Mathematics 261-262</td>
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<td>Computer Science 253</td>
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<tr>
<td>Social Sciences</td>
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<tr>
<td>Physics 303 or 311</td>
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<td>Computer Science Electives</td>
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<tr>
<td>Free Electives</td>
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</table>

Combined Programs:
Science/Computer Science
Each of the combined majors requires a minimum of 18 semester hours of computer science courses in addition to the normal major requirements of the department sponsoring the computer science track in its major program.

Core Requirements in Computer Science:
(18 hours)
- Computer Science 131-132 (Computer Programming I and II)
- Computer Science 253 (Introduction to Computer Systems)
- or Physics 351 (Microprocessors I)
- Computer Science 333 (Organization of Programming Languages)
- or Computer Science 263 (Introduction to File Processing)
- Computer Science Elective Courses*

*Additional courses totalling six hours must be chosen from a list of computer courses approved by the Chairperson of the Department of Mathematics and Computer Science. Not more than three hours may be in "language" courses. At present, the approved courses include all CMPSC courses numbered 200 or higher, as well as PHYS 351 and 352 (Microprocessors I and II). Substitution of any other courses requires prior written approval by the Chairperson of the Department of Mathematics and Computer Science.

The first two courses listed above (CMPSC 131 and 132) comprise the first year course for all computer science majors, and will provide a solid foundation in programming, using a structured language such as PL/1 or Pascal. The third course (either CMPSC 253 or PHYS 351) introduces the student to the organization and operation of computer hardware, while the fourth course (CMPSC 263 or 333) deals with concepts of software.
In order to ensure that students select computer science electives which are most relevant to major fields and personal goals, students will plan their courses in consultation with the Computer Science Advisor in their major department as well as with their regular major advisor.

For suggested course sequences, see the descriptions of these programs under the listings for majors in Biology, Chemistry, Mathematics, Psychology, or Physics, elsewhere in this bulletin.


Program Director: Barbara Gralla

Program Advisors:
Maria M. Bonaventura, Chairperson, Department of Chemistry; Paul Ezust, Chairperson, Department of Mathematics and Computer Science; Robert Garneau, Assistant Professor of Physics and Computer Science; Barbara Gralla, Lecturer in Physics; Walter H. Johnson, Jr., Chairperson, Department of Physics; Eric Myrvagines, Director of Academic Computing; and Beatrice L. Snow, Professor of Biology.

Both Certificate Programs are restricted to persons who have earned a Bachelor's degree from an accredited institution. Each program may be pursued on a part-time or full-time basis.

The PCSACP is a post-baccalaureate, non-degree course of study that integrates computer science applications with the disciplines of chemistry, mathematics, and physics. The LSCSACP is a post-baccalaureate, non-degree course of study that blends a general background in biology with computer science applications. Both programs address the needs of liberal arts graduates who find that their original choice of major has not provided them with an adequate set of career options and who would like to obtain the technical expertise needed to enter the computer science and data processing fields.

Since diverse backgrounds are anticipated among the participants, individualized programs of study will be structured to achieve a coherent blend of previous academic experience and new course requirements. Each of the programs consists of thirty-two semester hours of courses in computer science and either life studies (biology) or physical sciences (chemistry, mathematics, and physics). A maximum of eight hours may be waived if a student passes a competency examination administered by the relevant department. If additional program requirements have been met, the twenty-four semester hours required at Suffolk University will be satisfied from elective courses in the appropriate areas. Conversely, for those students whose previous education has not included an adequate background to prepare them to begin the program, prerequisite courses will be provided. Certificates will be awarded to those students who complete the program requirements with a cumulative grade point average of 3.0 or better and who demonstrate the attainment of a satisfactory level of competency in physical and computer science applications (for the PCSACP) or in life studies and computer science applications (for the LSCSACP) on the basis of a comprehensive examination.

Physical and Computer Science Applications

The program is intended to serve three groups of people. (1) Because of the emphasis on physics, chemistry, and mathematics, this program particularly addresses those who have jobs in technical fields but are hampered by deficiencies in their knowledge of the physical or computer sciences. (2) Those who have jobs in non-
technical fields but are dissatisfied with their level of employment, and (3) those who are not currently in the work force and require new skills to obtain employment will benefit from the program's emphasis on providing prerequisite courses in the physical sciences for those whose previous education has not included an adequate background to prepare them for the program.

Core Requirements:
Physical Sciences: (14 - 16 hours)
Two selections from the following:
Chemistry 111-112, L111-L112 (General Chemistry and Lab)
Mathematics 161-162 (Calculus I and II)
Physics 151-152, L151-L152 (University Physics and Lab)

Computer Science: (18 hours)
Computer Science 131-132 (Computer Programming I and II)
Computer Science 253 (Introduction to Computer Systems)
or Physics 351 (Microprocessors I)
Computer Science 333 (Organization of Programming Languages)
or Computer Science 263 (Introduction to File Processing)

Computer Science Elective Courses*
*Additional courses totalling six hours must be chosen from a list of computer courses approved by the Chairperson of the Department of Mathematics and Computer Science. Not more than three hours may be in "language" courses. At present, the approved courses include all CMPSC courses numbered 200 or higher, as well as PHYS 351 and 352 (Microprocessors I and II). Substitution of any other courses requires prior written approval by the Chairperson of the Department of Mathematics and Computer Science.

Recommended Electives:
Chemistry 314, L314 (Instrumental Analysis)

Chemistry 353 (Instrumental Electronics)
Mathematics 375 (Numerical Methods)
Mathematics 281-282 (Discrete Mathematics)
Physics 303 (Digital Electronics)
Physics 311-312 (Integrated Circuits)
Computer Science courses numbered 200 or higher.

Life Studies and Computer Science Applications
The program assures the participant a basic familiarity with the principles of modern biology but does not prepare him or her for advanced degree work in the biological sciences. The structure of the program provides training in life studies with emphasis in computer science. The program is intended to serve those who are not currently in the work force and require new skills to obtain employment, as well as those who have jobs in non-technical fields but are dissatisfied with their level of employment.

Core Requirements:
Life Studies: (14 hours)
Biology 113, L113 (General Biology [Botany] and Lab)
Biology 114, L114 (General Biology [Zoology] and Lab)
Biology 273, L273 (Biometrics and Lab)

Science 599 (Special Topics)*
*Science 599 will be 2 semester hours of directed study in computer information retrieval systems in the life sciences.

Computer Science: (18 hours)
Computer Science 131-132 (Computer Programming I and II)
Computer Science 253 (Introduction to Computer Systems)
or Physics 351 (Microprocessors I)
Computer Science 263 (Introduction to File Processing)
or Computer Science 333 (Organization of Programming Languages)

Computer Science Elective Courses*

*Additional courses totalling six hours must be chosen from a list of computer courses approved by the Chairperson of the Department of Mathematics and Computer Science. Not more than three hours may be in "language" courses. At present, the approved courses include all CMPSC courses numbered 200 or higher, as well as PHYS 351 and 352 (Microprocessors I and II). Substitution of any other courses requires prior written approval by the Chairperson of the Department of Mathematics and Computer Science.

Computer Science Courses

Computer Science 103 — Introduction to Computers. Intended to introduce non-science majors to the world of computers: what they are, how they work, and how to program them. The popular BASIC programming language is used. Prerequisite: None. 1 term — 3 semester hours. Normally offered every semester.

Computer Science 131-132 — Computer Programming I and II. This is the fundamental course designed to provide the necessary background for an understanding of computers and computer languages. Programming assignments in a structured, higher-level language such as PL/I or Pascal introduce the student to methods of problem solving, development of algorithms, designing, coding, debugging, and documenting programs. Topics include an overview of computer organization, sorting and searching, string processing, simple data structures, and files. Structured programming techniques are emphasized throughout. This course is a prerequisite for all advanced computer science courses. Prerequisite: At least 3 years of high school mathematics. 2 terms — 6 semester hours. Normally offered every semester.

Computer Science 203 — FORTRAN Programming. FORTRAN is the most widely used computer programming language for scientific applications. Students learn structure, syntax, and capabilities of the language through numerous programming assignments. Prerequisite: Computer Science 131. 1 term — 3 semester hours. Normally offered each year.

Computer Science 253 — Introduction to Computer Systems. Introduction to computer architecture and machine language programming, internal representation of data, symbolic coding and assembly language programming. Prerequisite: Computer Science 132. 1 term — 3 semester hours. Normally offered each fall semester.

Computer Science 255 — Introduction to Computer Organization. This course deals with the structure and operation of the major hardware components of a computer. Topics include basic logic design, binary arithmetic and representation of numerical data, and computer architecture. Prerequisite: Computer Science 132 and either Computer Science 253 or Physics 351. 1 term — 3 semester hours. Normally offered each spring semester.

Computer Science 263 — Introduction to File Processing. Concepts and techniques of mass storage of data in computer systems and standard methods of accessing data are covered. Topics include sequential, direct, and keyed files, an overview of database management, file I/O, and algorithms for updating, sorting, searching, and cataloging files. Prerequisite: Computer Science 132. 1 term — 3 semester hours. Normally offered each fall semester.

Computer Science 265 — Data Structures and Algorithms. Includes topics such as stacks, queues, lists, trees, graphs, path finding algorithms, sorting, searching, merging, complexity, hashing, dynamic storage allocation, system design. Prerequisite: At least one Computer Science course numbered higher than 210. 1 term — 3 semester hours. Normally offered each spring semester.

Computer Science 333 — Organization of Programming Languages. An introduction to the organization and analysis of programming languages with examples drawn from a number of important languages. Prerequisites: Computer Science 132 and 253. 1 term — 3 semester hours. Normally offered each fall semester.

Computer Science 355 — Operating Systems and Computer Architecture. Concepts of operating systems and their relationship to computer architecture including system structure, storage, processor, process, device, file and system management. Topics include monitors, virtual memory, paging, segmentation, mapping, scheduling, processor and resource allocation, multiprogramming and concurrent programming. Prerequisite: Computer Science 253. 1 term — 3 semester hours. Normally offered each spring semester.
Computer Science 365 — Introduction to Computer Networks. Packet switching, network architecture, data link networks, transport session and protocols from physical to application layer and from local networks to satellite networks. ARPANET, SNA, DECNET, and X.25 will be used as examples. Prerequisite: Computer Science 132. 1 term — 3 semester hours. Normally offered alternate years.

Computer Science 368 — Software Engineering. Principles of systematic program design and implementation. Topics include structured and top-down programming, modularity, structured walk-throughs, Chief Programmer Teams, reliability and correctness of programs. Prerequisite: Computer Science 265. 1 term — 3 semester hours. Normally offered alternate years.

Computer Science 374 — Non-numeric and Symbolic Computation. An introduction to symbol manipulation and to programming in LISP. Applications in symbolic and discrete mathematics, text and natural language processing, and artificial intelligence are discussed. Prerequisite: At least one Computer Science course numbered higher than 210. 1 term — 3 semester hours. Normally offered alternate fall semesters.

Computer Science 376 — Introduction to Computer Graphics. An introduction to standard graphics input and display devices and algorithms. Topics include graphics languages, geometric modeling, hidden-surface and shading algorithms, with applications in communications and in Computer Assisted Design. Prerequisite: At least one Computer Science course numbered higher than 210. 1 term — 3 semester hours. Normally offered alternate years.

Computer Science 393 — Special Topics in Computer Science. Content, prerequisites and semester hours to be announced.

Computer Science 463 — Formal Languages and Automata. Formal aspects of language: syntax, grammars, automata, Turing machines, computational complexity, computability, etc. Prerequisites: Computer Science 132 and Mathematics 281. 1 term — 3 semester hours. Normally offered alternate years.

Computer Science 466 — Device Drivers. Principles of design for software modules that control interrupt driven devices. Several types of devices are studied including paper tape readers, magnetic tape units, floppy disk drives, line printers, video display terminals, and others. Prerequisites: Computer Science 253 or Physics 351. 1 term — 3 semester hours. Normally offered alternate years.

Computer Science 564-566 — Advanced Studies in Computer Science. Directed readings, lectures, seminars, and research in areas of special interest. Content and credit are determined by the individual student and the instructor.

Computer Science H573 — Honors Practicum. Working in small teams under close supervision, members design, install test and document custom software or work on other computer-related projects for various academic and administrative departments of the University. Provides practical consulting experience for advanced students. Prerequisite: At least three semesters of Computer Science courses, with an average grade of B or higher, by invitation of a selection committee. 1 term — 3 semester hours. Normally offered every semester.
Co-Directors: Harris, Wilkins.
Advisory Committee: Sartwell (Chairperson), Boudreau, Harris, Wilkins.

The major in Dramatic Arts is a cooperative program of the Departments of Communications and Speech, English, and Humanities and Modern Languages. Requirements for the major are 30 hours of work in approved courses from the three participating Departments, and 12 hours of related electives, to be selected from listings maintained by the Departments, and furnished to students upon request. Within the Dramatic Arts program, students may concentrate in dramatic literature, or in acting, directing or technical theater. A concentration in dramatic literature includes courses in classical, British, and American drama, offered by the Department of English, and courses in European drama, offered by the Department of Humanities and Modern Languages. English 113-114, Masters of the Drama I and II, are required of all Dramatic Arts majors. The 12 hours of English required for all undergraduate degrees do not count as part of the Dramatic Arts major program. A concentration in acting, directing or technical theater includes courses offered by the Department of Communications and Speech, which provide both theory and training in acting, directing, play production and stagecraft. Students will be assigned an advisor from the Department of their concentration.

Major Courses in Communications and Speech for Dramatic Arts
(See course descriptions in Communications and Speech section)

Communications and Speech 225 Theater Arts
Communications and Speech 327 Theater Workshop
Communications and Speech 265 Oral Interpretation
Communications and Speech 365 Oral Performance
Communications and Speech 229 Acting I
Communications and Speech 329 Acting II
Communications and Speech 469 Advanced Oral Interpretation
Communications and Speech 429 Advanced Theater Workshop
Communications and Speech 425 Directing
Communications and Speech 227 Play Production
Communications and Speech 325 Stagecraft
Communications and Speech 465 Readers' Theater

Major Courses in English for Dramatic Arts
(See course descriptions in English section)

English 324 Shakespeare's Comedies
English 326 Shakespeare's Tragedies
English 325 Shakespeare's Histories
English 315 Classical Drama
English 333 English Drama, 1590-1700
English 376 American Theater Today
English 375 American Musical Theater
English 368 Shaw and O'Neill
English 369 Modern British and American Drama
English 377 The World on Film
English 374 Drama Seminar

Major Courses in Humanities and Modern Languages
(See course descriptions in Humanities and Modern Languages)

French 320 French Classical Drama
French 324 Twentieth Century French Theater
German 501 Independent Study
Humanities 331 Mythology and its Sources
Spanish 403 Masterpieces of the Spanish Theater
**Economics**

**Department of Government and Economics**

*Professors:* Elmusa (Chairperson)

*Associate Professors:* Bain, Berg, O’Callaghan, Shannon

*Assistant Professors:* Drexler, Dushku, Sawhney

*Lecturers (part-time):* Arnaud, Brownell, A. Burke, Chatterjee, Foglia, Greco, Kafi-Tehrani

*Professor Emeritus:* Archon

Students majoring in the field of economics may pursue one of the following two programs of study:

**TRACK A. A.B. or B.S. in Economics** This comprehensive undergraduate program in economics is designed as an appropriate foundation both for careers in banking, business, teaching, and public service as well as for graduate study. Students entering in Fall, 1982, or later must meet the requirements for the A.B. or B.S. degree plus the following:

**Major Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
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</thead>
<tbody>
<tr>
<td>Economics 213 (Principles of Economics — Micro)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 214 (Principles of Economics — Macro)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 216 (Statistics)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 301 (Quantitative Methods in Economics)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 414 (Intermediate Macro Theory)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 424 (Intermediate Micro Theory)</td>
<td>3</td>
</tr>
</tbody>
</table>

Two of the following three courses:

- Economics 302, 421, 422
- Electives within the field of Economics

30

**Related Electives** The Department provides a current list of courses related to the major drawn from the fields of Government, Management, Finance, Accounting, Math, and Computer Science. Students choose four courses (12 sem. hrs.) with advisor’s approval.

**TRACK B. A.B. or B.S. in Administrative Economics** Under this program students will be prepared primarily to qualify upon graduation for governmental or business employment. Students entering in Fall, 1982, or later must meet the requirements for the A.B. or B.S. degree plus the following:

**Major Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
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<tbody>
<tr>
<td>Economics 213 (Principles of Economics — Micro)</td>
<td>3</td>
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<td>3</td>
</tr>
<tr>
<td>Economics 301 (Quantitative Methods in Economics)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 333 (Money &amp; Banking)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 335 (Public Finance)</td>
<td>3</td>
</tr>
<tr>
<td>Economics 414 (Intermediate Macro Theory)</td>
<td>3</td>
</tr>
<tr>
<td>Government 221 (Public Administration)</td>
<td>3</td>
</tr>
<tr>
<td>Electives within the field of Economics</td>
<td>6</td>
</tr>
</tbody>
</table>

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**Related Electives** The Department provides a current list of courses related to the major drawn from the fields of Government, Management, Finance, Accounting, Math, and Computer Science. Students choose four courses (12 sem. hrs.) with advisor’s approval.

**Supplementary Requirements** Track B Majors are also required to take at least 6 sem. hrs. of Computer Science as well as 6 sem. hrs. in either economics or government internships (Economics 503, Government 521, 522, 523, 524); these supplementary requirements, however, may be waived in whole or part for students with equivalent experience or demonstrated skills.
Economics Courses

Economics 103 — Economic History of the United States. The sources of growth and of fluctuations in growth rate from colonial days to the present; population movements, development of techniques of production and transport, evolution of financial institutions, markets, big business, and labor unions. 1 term — 3 semester hours. Normally offered every third year.

Economics 213 — Principles of Economics — Micro. Microeconomics introduces basic concepts in economics and examines the functioning of the American economy; it deals with the behavior of consumers and producers, economic efficiency and business decision making under different U.S. market structures. Required of all majors in Economics. 1 term — 3 semester hours. Offered every year.

Economics 214 — Principles of Economics — Macro. Macroeconomics analyzes national income, growth in GNP, problems of inflation and unemployment, use of the instruments of monetary and fiscal policies for economic growth and stability, and issues in international trade and finance. Required of all majors in Economics. 1 term — 3 semester hours. Offered every year.

Economics 216 — Introduction to Statistics. Statistical material and techniques with special reference to economics and business data. Analysis of measures of central tendency, dispersion, various probability distributions, sampling theory and statistical inference; correlation and regression analysis. Required of all majors in Economics. 1 term — 3 semester hours. Offered every year.

Economics 301 — Quantitative Methods in Economics. Considers mathematical functions, linear functions and equations, applications of linear equations and equation systems, matrix algebra, linear programming, non-linear functions, differentiation, optimization methodology/applications of univariate and multivariate functions. Required of all majors in Economics entering Fall, 1982, or later. 1 term — 3 semester hours. Normally offered every year.

Economics 302 — Advanced Quantitative Methods. Considers the application of integrals to net investment and the present value of discrete, continuous and perpetual cash flows; the application of differential and difference equations to market price and equilibrium dynamics. Prerequisite: Econ. 301. 1 term — 3 semester hours. Normally offered alternate years.

Economics 304 — History of Economic Thought. Mainstream economic thought: development from Smith through Mill, Marshall and Keynes. The writings of such contemporary critics of social and economic institutions as Galbraith and Friedman examined in terms of their relationship to this mainstream. 1 term — 3 semester hours. Normally offered every third year.

Economics 305 — Radical Economic Thought. Development of the radical critique of capitalism from the utopian socialists through the anarchists and Marxists to the contemporary radical economists. 1 term — 3 semester hours. Normally offered every third year.

Economics 333 — Money and Banking. Deals with monetary theories such as Monetarism; structure of the commercial banking system and the Federal Reserve system; monetary policy and its effects in stimulating and restraining economic growth; its impact on controlling inflation. Prerequisite: Econ. 213-214 or instructor’s consent. 1 term — 3 semester hours. Normally offered every semester.

Economics 335 — 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. 213-214. 1 term — 3 semester hours. Normally offered alternate years.

Economics 337 — Urban-Regional Economics. Urban problems emerging in the late 1960s: housing, transportation, environment, education, poverty, crime, growth and urban finance. Changes in land-use patterns, zoning laws, interstate migration of workers and industries, the future of our cities. Prerequisite: Econ. 213-214 or instructor’s consent. 1 term — 3 semester hours. Normally offered alternate years.
Economics 403 — International Trade.
Theory of trade: comparative advantage, terms of trade, economic effects of trade, factor movements. The role of international trade in U.S. and world economies; theory of tariffs and other trade restrictions; commercial policies; multinational corporations. Prerequisite: Econ. 213. 1 term — 3 semester hours. Normally offered alternate years.

Economics 404 — International Finance.
Balance of payments accounting, the concept of equilibrium and processes of attaining it; foreign exchange and Euro-dollar markets; the impact of OPEC on the international economy; the role of gold and SDRs in settling international accounts. Prerequisite: Econ. 214. 1 term — 3 semester hours. Normally offered alternate years.

Economics 405 — Comparative Economic Systems.
Comparative study of capitalist theory and institutions, of the Marxist theory of socialism and communism, of the economic systems of other countries. Prerequisite: Econ. 213-214. 1 term — 3 semester hours. Normally offered alternate years.

Economics 406 — Labor and Human Resources.
The American labor force: labor markets; determination of real and money wages, price level, and employment; wage price controls; trade off between unemployment and inflation; wage and productivity differentials; unions; poverty; the economics of human capital. 1 term — 3 semester hours. Normally offered alternate years.

Economics 407 — Economics of Welfare Programs.
Brief survey of the theory of welfare economics; 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: Econ. 213-214, 1 term — 3 semester hours. Normally offered alternate years.

Economics 414 — Intermediate Macro Theory.
How income, employment and prices are determined in a modern industrial economy. The emphasis is on learning how to build and use models to determine how various fiscal policy measures may affect the economy. Prerequisite: Econ. 213-214. Required of all majors in Economics. 1 term — 3 semester hours. Normally offered alternate years.

Economics 421 — Econometrics I.
The application of statistical inference to the verification of economic postulates and problems: Classical, Least Squares, Matrix Algebra, Autocorrelation, Heteroscedosticity, Homoscedosticity, Maximum Likelihood and Normality: tools applicable to research problems in business and economics. Prerequisite: Econ. 213-214. 1 term — 3 semester hours. Normally offered alternate years.

Economics 422 — Econometrics II.
Topics considered are: Simultaneous Equation estimating techniques, Input/Output matrices and decision theory, Factor Analysis and Econometric model building. Prerequisite: Econ. 421. 1 term — 3 semester hours. Normally offered alternate years.

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. 213-214. 1 term — 3 semester hours. Normally offered alternate years.

Economics 503 — Internship in Economics.
Approximately 12 hours working in a position designed to give the student responsibility and learning opportunity. Interested students should consult the instructor in advance. Prerequisite: junior standing and consent of the instructor. 1 term — 3 semester hours.

Economics 505 — 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 consent of instructor and approval of chairperson of Department. 1 term — 3 semester hours.

Economics 595 — Colloquium on Economic Issues.
Students will research and discuss a current economic issue. Each year’s topic will vary: e.g., the evolving financial system, population dynamics, women in the economy, tax reform, the economics of energy, human capital, or medical care. Admission by consent of the instructor to economics majors and others with the necessary background. 1 term — 3 semester hours.
Undergraduate Education
Department of Education

Professors: Unger (Chairperson), Eskedal, Lewandowski, Perlman
Associate Professors: Ash, S. Mahoney, McCarthy, Shatkin, Winters
Assistant Professors: D’Abrosca, Lyons, Sartwell, Stefaney, Zifcak
Master Lecturer: Shively
Senior Lecturers: Chase, Stather
Lecturers: Cahalane, Chermak, Colarusso, Dauwer, DiLoretto, Felice, Grant, Hojlo, Jackson, MacLean, Najarian, Perkins, Perrone, Quintiliani, Tenore, Thayer, Zwicker.

Requirements for Degrees in Education

The course of study recommended by the Department of Education for elementary school teacher preparation may lead to either the A.B. or B.S. degree. The course of study recommended by the Department of Education for secondary school preparation may lead to a B.S. degree in Business Education. All students in elementary or secondary education must complete all education courses as well as pre-practicum and practicum field based experiences appropriate to their specific program.

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.

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.

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.

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/her 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/her 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. Elementary Education majors should earn a minimum grade of C in the following courses: Foundations of Education, Educational Psychology, Creative Arts, Methods in Teaching (Reading, Mathematics, Science, Language Arts, Social Studies) Developing Competencies for Elementary School Teaching and Perspectives in the Education of Children with Special Needs. A student concentrating in Business Education must maintain a minimum grade of C in the following courses:

Foundations of Education, Educational Psychology, Creative Arts, Methods in Teaching (Reading, Mathematics, Science, Language Arts, Social Studies) Developing Competencies for Elementary School Teaching and Perspectives in the Education of Children with Special Needs. A student concentrating in Business Education must maintain a minimum grade point average of 2.2 in his/her teaching-subject major and a minimum grade of C in the required education courses. 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/her program in teacher education.
Curriculum Materials Center.
The Curriculum Materials Center, located in room 303 of the Fenton Building, houses a growing collection of elementary and secondary instructional materials and teacher support resources. Holdings include many of the new science, social studies, mathematics, and language arts/reading programs in use today as well as materials used in remedial and special needs applications. The Center is utilized by students for research and report activities related to the teacher education programs and by faculty as a resource for hands-on demonstration or class activities. Whole classes meet in the Center to take full advantage of the array of materials and hours are posted each semester for research and browsing purposes. Many instructional items are available to students on a short-term loan basis.

Pre-Practicum Experience Requirements Before a candidate applies for the Elementary Education practicum experience (student teaching), he/she must complete five of the courses which form the basis for the elementary education program Ed. 334, Ed. 335, Ed. 336, Ed. 433 and three education courses Ed. 203, Ed. 335 and Ed. 433 which include substantial field-based training.

Before a candidate in Secondary Education applies for the practicum experience (student teaching), he/she must complete all education courses appropriate to his/her program of studies. For Business Education majors three education courses will contain substantial field-based training which includes observation in the classroom, tutoring and work with small groups; those courses are Ed. 203, Ed. 320 and Ed. 324.

Practicum Student Teaching Experience The practicum experience 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. The elementary and secondary practicum must be full-time for 12 weeks and include at least 300 clock hours at the practicum site. The candidate must take on clear instructional responsibilities for at least half of this time and the full responsibilities of the role for a substantial period. Evaluation of all professional activities will be completed by joint supervision consisting of a representative of the Education Department and the cooperating teacher.

Special Regulations Concerning Student Teaching Practicum
1. A practicum may be taken only by collegiate seniors and graduate students. Undergraduates must be concentrating in Elementary Education or Business Education to enroll in the course. Student teachers must be degree candidates.
2. Students wishing to elect the practicum experience must submit a written application concerning this matter to the Director of Student Teaching (by October 1 during the fall semester; by March 1 during the spring semester). The practicum cannot be elected by transfer students before their second semester of residence. Students who have submitted applications for the practicum 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/she has not already done so, in order to lighten his/her academic schedule for the semester in which he/she undertakes student teaching.
4. The student teaching practicum involves a minimum of twelve consecutive weeks (300 clock hours) of observation and teaching in the cooperating school.

5. Student teachers are required by Massachusetts law to have a tuberculin test (Mantoux) prior to the initiation of student teaching. The Health Office of Suffolk University provides the T.B. (Mantoux Test) Tuberculin Enterdermal Skin Test at no charge in Fenton 104, Mondays and Tuesdays from 9:30 to 8:00 p.m. The T.B. test certificate should be submitted to the school system when requested.

6. All students concentrating in Elementary 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 at least five of the required education method courses before initiating student teaching (Ed. 333, Ed. 334, Ed. 335, Ed. 336, Ed. 433) and three education courses (Ed. 203, Ed. 335, Ed. 433) which include substantial field based training. All students in Secondary Business Education should have completed all education courses appropriate to their specific program.

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 practicum portion of the teacher education program in the schools of eastern Massachusetts cities and towns. The supervising faculty of the Education Department together with the cooperating teacher have been able to make this one-semester experience both practical and meaningful.

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 throughout the College of Liberal Arts and Sciences. 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 with their major advisors in Education. The advisors listed below have been designated for the following programs.

Business Education  Professor Barbara Ash  Professor Louis D’Abrosca  Professor C. Thomas Stefaney

Elementary Education  Professor Sheila Mahoney

Massachusetts Certification

All of Suffolk University’s programs in education which train personnel for public schools are accredited by the State Department of Education. Thus graduates are eligible for certification in Massachusetts. However, application for certification must be made by the graduate directly to the State Department. In addition to the application, a practicum report and an official transcript must be submitted. The State Department also requires a fee and proof of good health and sound moral character. Specified programs in Education have been approved by the State Department of Education for inclusion in the reciprocity privileges of the Interstate Certification Compact.

Placement Services

— During the semester prior to anticipated graduation, students should register with the Suffolk University Placement Office.
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, 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.

While the student in elementary education may graduate with an A.B. or B.S. Degree, both of these programs are substantially the same but with the addition of foreign languages in the A.B. Degree. Students should consult with the Department in order to determine which plan should be selected. Either program requires the completion of 122 semester hours.

**A.B. Degree**  
(122 Semester Hours)

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year English</td>
<td>6</td>
</tr>
<tr>
<td>Natural Science</td>
<td>8</td>
</tr>
<tr>
<td>Integrated Studies</td>
<td>6</td>
</tr>
<tr>
<td>Sociology</td>
<td>3</td>
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<tbody>
<tr>
<td>Second Year English</td>
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<td>History</td>
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<td>Education 203</td>
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<td>Education 204</td>
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<td>Economics/Govmt.</td>
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<td>Electives</td>
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**B.S. Degree**
(122 Semester Hours)

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<td>Intro. Math</td>
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<td>Psychology</td>
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<tr>
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<td>History</td>
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<td>Education 203</td>
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<td>Education 204</td>
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<tr>
<td>Minor Electives</td>
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<tbody>
<tr>
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<td>Education 334</td>
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<td>Education 434</td>
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<td></td>
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</table>
Secondary School Programs in Business Education and Office Technologies

Bachelor of Science Degree

The B.S. in Business Education is designed to prepare students to teach general business subjects in combination with bookkeeping, accounting, data processing, secretarial skills, and distributive education. Graduates of this program are qualified for positions in public and private secondary institutions; community-based training programs; continuing education settings; and staff development and training in business and industry.

This flexible program will accommodate high school graduates, transfer students from secretarial-office education programs and/or transfer students from business administration programs in approved junior and senior colleges.

Options include the following:

- **Option A** Teacher of Business Certificate 5-12 (Business and Secretarial Skills)
- **Option B** Teacher of Secretarial Skills Certificate 5-12 (Secretarial Skills)
- **Option C** Teacher of Business Management Certificate 5-12 (Business/Administration/Management)
- **Option D** Industrial-Business Training Program (No Certificate)

A maximum of 60 credits and/or the associate degree will be accepted. For those students wishing to enter the business education program without a background in skills, credits may be earned and applied to the degree. The option sought determines the minimum/maximum number of credits allowed or required. All skills credits may be applied *only* to the B.S. in Business Education.

Degree candidates are advised to consult with Professor Barbara F. Ash, Director, Business Education and Office Technologies Programs.
**Program in Business Education and Office Technologies**  
**Bachelor of Science Degree**  
Option A — Teacher of Business Certificate  
(122 Semester Hours)

<table>
<thead>
<tr>
<th>Freshman</th>
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<tbody>
<tr>
<td>First Year English</td>
<td>6</td>
</tr>
<tr>
<td>Shorthand</td>
<td>6</td>
</tr>
<tr>
<td>Typewriting</td>
<td>6</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>6</td>
</tr>
<tr>
<td>Business or College Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics</td>
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<td><strong>Total</strong></td>
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<table>
<thead>
<tr>
<th>Sophomore</th>
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<tbody>
<tr>
<td>Intro. to Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Transcription</td>
<td>6</td>
</tr>
<tr>
<td>Office Procedures</td>
<td>3</td>
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<tr>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Social Science Option</td>
<td>6</td>
</tr>
<tr>
<td>Intro. to Management</td>
<td>3</td>
</tr>
<tr>
<td>Office Machines</td>
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<tr>
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<table>
<thead>
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<th>Junior</th>
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</thead>
<tbody>
<tr>
<td>Intro. to Data Processing</td>
<td>3</td>
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<tr>
<td>Intro. to Comp. Programming</td>
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</tr>
<tr>
<td>English Option</td>
<td>6</td>
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<tr>
<td>Humanities Option</td>
<td>6</td>
</tr>
<tr>
<td>Methods of Teaching Basic Business Subjects</td>
<td>3</td>
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<tr>
<td>Laboratory Science Option</td>
<td>8</td>
</tr>
<tr>
<td>Methods of Teaching Typewriting and Office Systems</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Senior</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Reading, Communication, and Math. Skills for Bus. Educators</td>
<td>3</td>
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<tr>
<td>Methods of Teaching Shorthand and Transcription</td>
<td>3</td>
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<tr>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>3</td>
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<tr>
<td>Methods of Teaching Bookkeeping, Accounting, Data Processing, and Bus. Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Office Education Internship for Bus. Educators</td>
<td>3</td>
</tr>
<tr>
<td>Related/Free Electives</td>
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<tr>
<td>Student Teaching (Secondary)</td>
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<td><strong>Total</strong></td>
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</tbody>
</table>

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

*Social Science Option to be chosen from two semester sequences in: History, Government, Economics, Sociology.

*The Communications Option is satisfied with a two semester sequence in Computer Science.

*Humanities Option to be chosen from two semester sequences in: Humanities, Philosophy (except Logic), Oral or Written Literature.

*Laboratory Science Option to be chosen from two semester sequences with Lab in: Biology, Chemistry, Physics, Physical Science.

*The internship requirement may be waived with documentation of full-time office experience or its part-time equivalent.

*It is recommended that related or free electives be taken in Summer Session and/or prior to the senior year.

*All required Business Education methods courses must be completed before student teaching. It is recommended that no more than one course be taken concurrently with student teaching.
Program in Business Education and Office Technologies
Bachelor of Science Degree
Option B — Teacher of Secretarial Skills Certificate
(122 Semester Hours)

<table>
<thead>
<tr>
<th>Freshman</th>
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<tbody>
<tr>
<td>First Year English</td>
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<td>Shorthand</td>
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<tr>
<td>Typewriting</td>
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<td>Principles of Accounting</td>
<td>3</td>
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<tr>
<td>Major Field/Skills</td>
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<td><strong>Total</strong></td>
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<thead>
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</thead>
<tbody>
<tr>
<td>Intro. to Business Law</td>
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<td>Transcription</td>
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<td>Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Social Science Option(^1)</td>
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<tr>
<td>Office Management/Administration</td>
<td>3</td>
</tr>
<tr>
<td>Office Machines</td>
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<tr>
<td>General Psychology</td>
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<td>Communications Option(^2)</td>
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<td>Humanities Option</td>
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</tr>
<tr>
<td>Methods of Teaching Basic Business Subjects</td>
<td>3</td>
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<tr>
<td>Laboratory Science Option(^4)</td>
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<td>Methods of Teaching Typewriting and Office Systems</td>
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<td><strong>Total</strong></td>
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<tbody>
<tr>
<td>Reading, Communication, and Math. Skills for Bus. Educators</td>
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<tr>
<td>Methods of Teaching Shorthand and Transcription</td>
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<td>Foundations of Education</td>
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<tr>
<td>Educational Psychology</td>
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</tbody>
</table>

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

\(^1\)Social Science Option to be chosen from two semester sequences in: History, Government, Economics, Sociology.

\(^2\)Communications Option to be chosen from two semester sequences in: Linguistics, Modern Languages, Mathematics (except Freshman Math I-II), Speech, Computer Science, Journalism, Logic.

\(^3\)Humanities Option to be chosen from two semester sequences in: Humanities, Philosophy (except Logic), Oral or Written Literature.

\(^4\)Laboratory Science Option to be chosen from two semester sequences with Lab in: Biology, Chemistry, Physics, Physical Science.

\(^5\)The internship requirement may be waived with documentation of full-time office experience or its part-time equivalent.

\(^6\)It is recommended that related or free electives be taken in Summer Session and/or prior to the senior year.

\(^7\)All required Business Education methods courses must be completed before student teaching. It is recommended that only one course be taken concurrently with student teaching.
### Program in Business Education and Office Technologies
#### Bachelor of Science Degree
Option C — Teacher of Business Management Certificate
(122 Semester Hours)

<table>
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<td>Major Field/Mgmt./Bus. Adm.</td>
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<tr>
<td>Principles of Accounting</td>
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<tr>
<td>Business or College Mathematics</td>
<td>3</td>
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<tr>
<td>Principles of Economics</td>
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<td></td>
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<tr>
<td><strong>Sophomore</strong></td>
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<td></td>
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<tr>
<td>Intro. to Business Law</td>
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<tr>
<td>Intro. to Marketing</td>
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<td>Major Field/Mgmt./Bus. Adm.</td>
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<tr>
<td>Public Speaking</td>
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<td><strong>Junior</strong></td>
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<td>English Option</td>
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<td>Humanities Option$^3$</td>
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<tr>
<td>Methods of Teaching Basic Business Subjects</td>
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<td>Laboratory Science Option$^4$</td>
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<td>History and Philosophy of Career and Occupational Education</td>
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<td><strong>Senior</strong></td>
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<tr>
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<tr>
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<tr>
<td>Foundations of Education</td>
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<td>Educational Psychology</td>
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<td>Office Education Internship for Bus. Educators$^6$</td>
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<tr>
<td>Related/Free Elective$^7$</td>
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</tr>
<tr>
<td>Student Teaching (Secondary)$^8$</td>
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$^2$The Communications Option is satisfied with a two semester sequence in Computer Science.

$^3$Humanities Option to be chosen from two semester sequences in: Humanities, Philosophy (except Logic), Oral or Written Literature.

$^4$Laboratory Science Option to be chosen from two semester sequences with Lab in: Biology, Chemistry, Physics, Physical Science.

$^5$Business Education electives to be chosen from the following: Methods of Teaching Typing and Office Systems; Office Simulation and Cooperative Work Experience Programs: Implementation and Design; Organization, Coordination, Administration, and Curriculum Development for Distributive Education.

$^6$The internship requirement may be waived with documentation of full-time office experience of its part-time equivalent.

$^7$It is recommended that related or free electives be taken in Summer Session and/or prior to the senior year.

$^8$All required Business Education methods courses must be completed before student teaching. It is recommended that only one course be taken concurrently with student teaching.
Program in Business Education and Office Technologies
Bachelor of Science Degree
Option D — Industrial-Business Training Program
(122 Semester Hours)
*(Candidates in this option not eligible for teacher certification)

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sem. Hrs.</th>
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</thead>
<tbody>
<tr>
<td>First Year English</td>
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<td>Major Field/Skills</td>
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<tr>
<td>Principles of Accounting</td>
<td>6</td>
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<tr>
<td>Intro. to Marketing</td>
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<td>Principles of Economics</td>
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<thead>
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<td>Major Field/Skills</td>
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<tr>
<td>Public Speaking</td>
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<td>Social Science Option</td>
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<td>Business Communication</td>
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<td>Office Administration/Management</td>
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<th>Sem. Hrs.</th>
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</thead>
<tbody>
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<tr>
<td>Intro. to Computer Programming</td>
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<tr>
<td>English Option</td>
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<tr>
<td>Humanities Option</td>
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<tr>
<td>Intro. to Management</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science Option</td>
<td>8</td>
</tr>
<tr>
<td>Methods of Teaching Typewriting and Office Systems</td>
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<table>
<thead>
<tr>
<th>Senior</th>
<th>Sem. Hrs.</th>
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<tr>
<td>Personnel Administration</td>
<td>3</td>
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<tr>
<td>Teaching Methodology and Inst. Materials for Adult Bus. Ed.</td>
<td>3</td>
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<tr>
<td>Business Education Elective</td>
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<tr>
<td>Related/Free Electives</td>
<td>9</td>
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<tr>
<td>Educational Psychology</td>
<td>3</td>
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<tr>
<td>Office Education Internship for Bus. Educators</td>
<td>9</td>
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<tr>
<td>Total</td>
<td>30</td>
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N.B. Should a student change his/her Business Education major, then credits received for the skills courses cannot be used toward a new major.

*It is recommended that all students in this option 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 transcription). No more than 24 hours of skills training may be applied to this option.

**Courses to be chosen from the areas of Accounting, Marketing, Management, or used for additional skills courses (not to exceed the 24 hour maximum).

**Social Science Option to be chosen from two semester sequences in: History, Government, Economics, Sociology.

**The Communications Option is satisfied with a two semester sequence in Computer Science.

**Humanities Option to be chosen from two semester sequences in: Humanities, Philosophy (except Logic), Oral or Written Literature.

**Laboratory Science Option to be chosen from two semester sequences with Lab in: Biology, Chemistry, Physics, Physical Science.

**Business Education elective is to be chosen from one of the following: Methods of Teaching Shorthand and Transcription; Office Simulation and Cooperative Work Experience Programs; Implementation and Design; or Methods of Teaching Bookkeeping, Accounting, Data Processing, and Business Mathematics.

**Three credits of the internship requirement may be waived with documentation of full-time office experience or its part-time equivalent.
Education Courses

**Education 101, 102 — Introduction to Education in American Society.** These courses focus on the school as a social institution. Significant aspects of American society provide a setting to study the process, organization and problems of American education. 2 terms — 6 semester hours. Normally offered yearly.

**Education 203 — Foundations of Education.** Introduction to the organization, role and purposes of education in American society. Considers the philosophical, historical, social foundations of education. Develops an awareness of teaching the culturally diverse and special needs student. Five observations required. 1 term — 3 semester hours. Normally offered yearly.

**Education 204 — Educational Psychology.** Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development. Field observations required. 1 term — 3 semester hours. Normally offered yearly.


**Education 323 — Methods of Teaching Shorthand and Transcription.** Psychological principles of skill building applied to shorthand and transcription. Analysis and demonstration of group and individual instruction. Measurement and grading. Teaching aids. Motivation and classroom dynamics. 1 term — 3 semester hours. Normally offered yearly.


**Education 326 — Reading, Communication, and Mathematics Skills and Business Educators.** Purposeful individualization of instruction and evaluation of achievement in reading, communication, and mathematics skills as they relate to business education. Pre-practicum field experience required, option A, B, C, BSBE Program; option, MSBE Program. 1 term — 3 semester hours. Normally offered yearly.

**Education 333 — Elementary Methods: Science, Physical Education and Health.** Introduction to the basic competencies of classroom teaching. Emphasis on Science, Physical Education, and Health curricula. Students will be expected to plan and select materials and conduct and assess learning activities. Required. 1 term — 3 semester hours. Offered fall semester only.

**Education 334 — Elementary Methods: Language Arts and Social Studies.** The teaching of language arts (emphasis on language development and children’s literature) and social studies as both content and process is developed in relation to the child as an individual and group member. Required. 1 term — 3 semester hours. Offered fall semester only.
Education 335 — Elementary Methods: Reading and Its Teaching. Includes the reading process, reading readiness, grouping techniques, basal, individualized, linguistic, language-experience, phonics, word recognition and comprehension skills. One hour a week of field based training. Required prior to student teaching. 1 term — 3 semester hours. Normally offered yearly.


Education 337 — 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. Required of all students majoring in Elementary Education. 1 term — 3 semester hours.

Education 433 — Elementary Methods: Developing Competencies for Elementary Teaching. Introduction to basic competencies of classroom teaching. Students assess learning activities in a public school setting one full day per week. Required prior to student teaching. 1 term — 3 semester hours. Normally offered yearly.

Education 434 — Practicum (Elementary Student Teaching). The practicum experience must be full-time for one semester and include at least 300 clock hours in a public school setting. Required of all students majoring in Elementary Education. (See Special Regulations concerning majoring in Elementary Education and Special Regulations concerning the Practicum). 1 term — 9 semester hours. Normally offered yearly.

Education 435 — Independent Research Elementary. Conference hours will be held with students and readings will be directed in specific areas of research in elementary education. Projects of this sort will be authorized only in unusual circumstances and upon the approval of the Department Chairperson. 1 term — 3 semester hours.

Education 500 — Practicum (Secondary Student Teaching). The practicum experience must be full-time for one semester and include at least 300 clock hours in a secondary public school setting. The course may be taken by undergraduate senior and graduate students. 1 term — 9 semester hours. Normally offered yearly.

Education 510 — Office Administration. Organization and management of office systems, including work measurement, work simplification, office standards, layout, design, and the supervision of office personnel. 1 term — 3 semester hours. Normally offered alternate years.


Education 514 — Organization Administration, and Curriculum Development for Distributive Education. Organizing, planning, and administrating distributive education programs in secondary schools. Analysis of principles and problems pertaining to current curricula, practices, and materials. Orientation to the duties of the effective coordinator. 1 term — 3 semester hours. Normally offered alternate years.
Education 515 — Office Education Internship for Business Educators.
Designed for business educators in all options who need to update or obtain practical full-time business experience. The field site must be approved by the Internship Supervisor. Required of all undergraduate and CAGS business education students. 1 term — 3 to 9 semester hours. Normally offered yearly.

Education 516 — History and Philosophy of Career and Occupational Education.
An examination of current research, theories, and principles of career and occupational education. 1 term — 3 semester hours. Normally offered alternate years.

Education 517 — Business Communications.
Specialized writing skills required in the business environment. Business writing styles and overcoming barriers to communications. Composition of resumes, memoranda, business letters, and reports. 1 term — 3 semester hours. Normally offered alternate years.

Education 550 — Directed Studies.
Members of the Department will hold conference hours with students and will direct their readings in areas of education research which may be of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. 1 term — 3 semester hours.
English

Department of English

Professors: Wilkins (Chairperson), Bigelow, Clark, Connors, R.K. Johnson, Millner, and Vogel
Associate Professors: M. Mahoney, Merzlak
Assistant Professors: Hughes, Jurich, Lottridge, Mandl, Marchant, McKinley
Senior Lecturer: Colburn
Lecturers: Caputo, Harding, R.C. Johnson, Keet, Monahan, Moore, Stoker, Weingrad, and Young.

First-Year English Requirement. Students with satisfactory entrance proficiency in English take English 101 and 102, the standard Freshman English sequence. Those whose SAT verbal scores indicate exceptional proficiency are invited to take English 103 (Advanced Freshman English) and follow it with English 102. Those for whom English is a second language, and whose performance on an entrance essay indicates the need of additional training to succeed in college-level work, are required to take English 003 (English as a Second Language) and follow it with English 102 or both English 101 and 102, depending on their degree of success in the first semester. Students whose native language is English, but whose SAT scores indicate verbal deficiency, are required to take English 001 and 002 concurrently in the first semester, and follow these with English 102 or both English 101 and 102, depending on the grades they earn in the two-course first-semester package.

NOTE: English 102 is a prerequisite for all English courses beyond English 124.

Second-Year English Requirement. All undergraduates must take English 213 (Literary Masters of England, I) and either English 214 (Literary Masters of England, II) or English 215, (Literary Masters of America). English 213 may precede or follow the second chosen course. All three courses combine an introduction to a significant body of literature in English with continued instruction in reading and writing skills.

Upperclass students with a demonstrated reading deficiency may also be required to take English 303 (Communication Process).

English Major Requirements. Requirements for a major in English are satisfied by 30 semester hours of course work in English (exclusive of the two-year all-college English requirement described above). Half of the 30 hours (five courses) must be chosen from the group of English core courses — those whose first two numbers are between 31 and 36 — one each from of the six numerical groups (31, 32, etc). English H513, the English Honors Seminar, may replace one of the five core courses, or more than one if the student is invited to participate in the seminar more than once. The BA degree is recommended for majors planning to continue their study on the graduate level.

Twelve semester hours of related electives are required. Each fall, the Department updates its list of such courses. Copies of the current list are available in the Department office.

Transfer students with an English major must complete at least nine hours of English courses at Suffolk beyond the two-year all-college English requirement.

English courses taken for graduate credit will require extra written and reading assignments. Students are required to notify the professor during the first class meeting that they are seeking graduate credit for the course.

English Courses

English 001 — Writing Skills. A course designed to give extra practice, especially in grammar and punctuation, to the freshman who lacks skills in English. Required, in conjunction with English 002, of students with low SAT verbal scores. 1 term — 3 semester hours. Offered in fall semester.

English 002 — Communication Process. Designed to improve reading and study skills, vocabulary and expression of freshmen who lack facility in English. 3 hours of class per week, two of laboratory, the latter individualized according to diagnostic test results. 1 term — 3 semester hours. Offered every semester.

English 003 — English as a Second Language. 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 101 — Freshman English, I.
The fundamental course, designed to increase the student's capacity to read and write correctly and logically. Study of the essay as a literary form, and frequent writing assignments, both expository and argumentative. 1 term — 3 semester hours. Offered every semester.

English 102 — Freshman English, II.
A continuation of English 101, 103, and 105. Training in critical reading and writing, the mechanics of research, the writing of a term paper, and additional writing based on assigned readings in imaginative literature. 1 term — 3 semester hours. Offered every semester.

English 103 — Advanced Freshman English.
Reserved for students who enter Suffolk with high SAT verbal scores, or satisfy other criteria, and are invited to participate. Frequent written assignments based on readings. 1 term — 3 semester hours. Offered in fall semester.

English 113 — Masters of the Drama, I.
Survey of dramatic literature and the evolution of theatre from its beginnings in classical Greece through the 18th century. 1 term — 3 semester hours. Normally offered yearly.

English 114 — Masters of the Drama, II.
Survey of dramatic literature and the evolution of theatre from the 19th century to the present. 1 term — 3 semester hours. Normally offered yearly.

English 123 — Great Books of World Lit., I.
Literary masterpieces from ancient times to the Renaissance, including The Odyssey, The Inferno, Don Quixote and the plays of Moliere. List may vary at the discretion of the instructor. 1 term — 3 semester hours. Normally offered yearly.

English 124 — Great Books of World Lit., II.
Literary masterpieces from the 18th century to the 20th, including The Sorrows of Young Werther, Madame Bovary, Fathers and Sons, Bread and Wine and The Dwarf. 1 term — 3 semester hours. Normally offered yearly.

English 213 — Literary Masters of England, I.
Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. 1 term — 3 semester hours. Offered every semester.

English 214 — Literary Masters of England, II.
Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. 1 term — 3 semester hours. Offered every semester.

English 215 — Literary Masters of America.
Study of major American writing and thought from the Puritan age to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. 1 term — 3 semester hours. Offered every semester.

English 303 — Communication Process.
For sophomores and juniors. Like English 202 in hours per week, individualized laboratory sessions, and aims: development of writing, reading and study skills, inferential reading and reading flexibility. 1 term — 3 semester hours. Normally offered yearly.

English 304 — Writing Review/Non-Freshman.
Skills course for upper class students who need basic writing instruction. An individualized review of grammar, punctuation, and the principles of paragraph and essay construction. Consent of instructor required for admission. 1 term — 3 semester hours. Offered every semester.

English 305 — Reason and Expression.
For upper class students interested in improving verbal abilities in preparation for graduate study and/or professional careers. Emphasis on developing proficiency in abstract reasoning through principles of logic, analogy study, vocabulary development and critical reading. 1 term — 3 semester hours. Normally offered yearly.

English 306 — Writing Workshops.
Discussion of techniques of fiction, verse, drama and other literary forms. Each student plans his own work. Student writing will be regularly read and analyzed in class, the group acting as editors. 1 term — 3 semester hours. Normally offered every fall.

English 307 — Writing Workshop.
A continuation of English 306. 1 term — 3 semester hours. Normally offered every spring.
English 308 — Directed Writing.  
Independent work on a writing project under the guidance of the instructor. Frequent discussion of the work in progress is required through the semester. 1 term — 3 semester hours. Normally offered every fall.

English 309 — Directed Writing.  
A continuation of English 308. 1 term — 3 semester hours. Normally offered every spring.

English 313 — The Bible as Literature, I.  
Study of the Old Testament as an embodiment of Hebrew history, folklore, and legend. Altering concept of the nature of God, and development of the idea of an afterlife. 1 term — 3 semester hours. Normally offered alternate years.

English 314 — The Bible as Literature, II.  

English 315 — 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. Normally offered every third year.

English 316 — Greek and Roman Classics.  
Introduction to Greek and Roman classical literature. Readings in the major writers and discussion of the values, ideals, and realities of the classical world. 1 term — 3 semester hours. Normally offered every third year.

English 323 — Chaucer.  
Close reading and discussion of The Canterbury Tales and Troilus and Criseyde against the background of the late Middle Ages. 1 term — 3 semester hours. Normally offered every third year.

English 324 — Shakespeare's Comedies.  
Shakespeare's background and development as a dramatist through an examination of selected comedies. Collateral reading of the minor plays and Shakespeare criticism. 1 term — 3 semester hours. Normally offered every third semester.

English 325 — Shakespeare's Histories.  
Shakespeare's English history plays. Emphasis on individual characters, interrelated play groups, and the political and personal insights that the plays reveal. 1 term — 3 semester hours. Normally offered every third semester.

English 326 — Shakespeare's Tragedies.  
Shakespeare's major tragedies, reflecting the range, resourcefulness, and power of his dramaturgy. Collateral reading in Shakespeare criticism. 1 term — 3 semester hours. Normally offered every third semester.

English 333 — English Drama, 1590-1700.  
The comedies and tragedies of major dramatists (excluding Shakespeare) of the Elizabethan, Jacobean and Restoration eras. Marlowe, Jonson, Tournier, Webster, and Congreve. 1 term — 3 semester hours. Normally offered alternate years.

English 334 — 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. Normally offered alternate years.

English 335 — Donne and Milton.  
A close reading and comparison of England's two great Renaissance poets with particular attention given to their secular and religious, political and philosophical attitudes. 1 term — 3 semester hours. Normally offered alternate years.

English 336 — The Age of Enlightenment  
The great age of satire, essay, criticism, biography and "nature." Dryden, Pope, Swift, Addison, Steele, Boswell, Johnson, Gray, Thomson, and Gibbon. 1 term — 3 semester hours. Normally offered alternate years.

English 337 — The 18th-Century English Novel.  
The English novel to Richardson, also including Defoe, Fielding, Smollett, Sterne, and Austen. Sentimental and gothic novels. 1 term — 3 semester hours. Normally offered alternate years.

English 338 — The 19th-Century English Novel.  
Development of the Romantic and Victorian novel. Readings in major works of the Brontes, Dickens, Thackeray, Trollope, Eliot, and Hardy. 1 term — 3 semester hours. Normally offered alternate years.
English 344 — English Romantic Literature. The mind and spirit, poetics and poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats, along with selected prose. 1 term — 3 semester hours. Normally offered alternate years.

English 345 — Victorian Literature. The mind and spirit, poetics and poetry of Tennyson, Browning, Arnold, Rossetti, and Morris, along with selected prose. 1 term — 3 semester hours. Normally offered alternate years.


English 347 — The Rise of American Fiction. Development of the American imagination in the novel, including works of Brown, Cooper, Poe, Hawthorne, Melville, and James. 1 term — 3 semester hours. Normally offered alternate years.

English 348 — Hawthorne and Melville. Close examination of fiction by two major writers of the American Renaissance. 1 term — 3 semester hours. Normally offered alternate years.

English 349 — 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. Normally offered every third year.

English 350 — Afro-American Literature, I. Black American writing from the beginning through the Harlem Renaissance (1746-1940). Authors include Phillis Wheatley, Paul Laurence Dunbar, Claude McKay, Countee Cullen, Langston Hughes, Charles W. Chesnutt, Jean Toomer, Frederick Douglass, W.E.B. DuBois, and others. 1 term — 3 semester hours. Normally offered alternate years.

English 351 — Afro-American Literature, II. Modern black writing — poetry, drama, fiction — from 1940 to the present. Gwendolyn Brooks, Robert Hayden, Lorraine Hansberry, Imamu Amiri Baraka, Ed Bullins, Richard Wright, Ralph Ellison, James Baldwin, Ernest J. Gaines, and others. 1 term — 3 semester hours. Normally offered alternate years.

English 352 — Modern British Poetry. The individual achievement of major British poets and their expressions of a modern sensibility from World War I to the present. 1 term — 3 semester hours. Normally offered every third year.

English 353 — Modern American Poetry. American poetry written between 1900 and the Second World War. Content and form in the writings of such poets as Williams, Frost and Eliot. 1 term — 3 semester hours. Normally offered alternate years.

English 354 — Modern British Fiction. Fiction by Joyce, Lawrence, Woolf, Forster, Lessing, and others. Attention to the central themes and innovative approaches to language and form that characterize modernism in literature. 1 term — 3 semester hours. Normally offered alternate years.


English 356 — Shaw and O’Neill. Major works of the pioneers of modern drama in Great Britain (Bernard Shaw) and the United States (Eugene O’Neill). 1 term — 3 semester hours. Normally offered every third year.

English 357 — Modern British and American Drama. Developments and major works in the drama of England, Ireland and the United States since Shaw and O’Neill. O’Casey, Osborne, Pinter, Stoppard, Miller, Williams, Albee, and others. 1 term — 3 semester hours. Normally offered every third year.
English 373 — English Writers of the 1930's. The social, political and cultural revolution in pre-World War II England as it is reflected in the poetry of Auden and Spender and the fiction of Huxley, Waugh, Isherwood, Bowen, Orwell, and Greene. 1 term — 3 semester hours. Normally offered every third year.

English 374 — Drama Seminar. Discussion and student reports on a pre-announced subject: a major playwright, a dramatic movement or genre (e.g., absurdism or the one-act play), or the relation between script and performance. Prerequisite: English 113 and 114. 1 term — 3 semester hours. Normally offered alternate years.

English 375 — American Musical Theatre. 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. Normally offered every third year.

English 376 — American Theatre Today. Examination of all aspects of current theatrical activity in America. Attendance at local theatre productions featured. Additional fee required to cover cost of theatre tickets. 1 term — 3 semester hours. Normally offered every third year.

English 377 — The World on Film. 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 to be viewed in class. 1 term — 3 semester hours. Normally offered alternate years.

English 378 — Fantasy and Folklore. Folk tales, fairy tales, myths and ballads reflecting both a literary and cultural tradition. Fantasy, as escape and enlightenment, to include readings in science fiction and the Utopian novel. 1 term — 3 semester hours. Normally offered every third year.

English 379 — Children's Literature. 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. Normally offered alternate years.


English 384 — Literary Satire. Examination of the techniques and modes of satire in the ancient world (Aristophanes, Petronius, Juvenal, Horace) and in European and American literature (Jonson, Moliere, Voltaire, Twain, Waugh). 1 term — 3 semester hours. Normally offered every third year.

English 385 — Science Fiction. Classic works of science fiction, including short stories and novels by Vonnegut, Asimov, Clarke, Bradbury. 1 term — 3 semester hours. Normally offered alternate years.

English 386 — Classics of Mystery and Terror. Classic stories of suspense and detection, including short stories and novels by Poe, Dickens, Collins, Doyle, Chandler, Hammett, Christie, and LeCarre. Current examples also to be included. 1 term — 3 semester hours. Normally offered alternate years.

English 387 — Women and Literature. Study of the images of women in literature and of the woman writer's contribution to these evolving representations. Readings in Virginia Woolf, Doris Lessing, Margaret Drabble, Tillie Olsen, Anais Nin, and others. 1 term — 3 semester hours. Normally offered alternate years.

English 388 — Literature of Love. An analysis of literary works that vividly present the development and celebration of the theme of love — platonic, romantic, and erotic. Works by Knowles, Hemingway, James, Simon, and Rossner. 1 term — 3 semester hours. Offered every third year.

English 389 — Literature of Madness. Study of literary works that dramatize the collapse of the ordered relations of reason, emotion and feeling into anarchy and suffering. 1 term — 3 semester hours. Normally offered every third year.

English 390 — Law and Literature. Literature dealing with law — its origins and processes; its relationship to justice and morality; its effects on individuals and society; the appeals from the law; and the power of non-violence and civil disobedience. 1 term — 3 semester hours. Normally offered every third year.

English 394 — The Literature of Poverty. Poverty in English and American fiction. The shift in perspective from poverty as moral problem (Age of Reason) to the poor as social problem (Age of Anxiety). Recommended for majors in social science. 1 term — 3 semester hours. Normally offered every third year.

English 395 — Businessmen in American Literature. Readings to include Howells’ *The Rise of Silas Lapham*, Dreiser’s *The Financier*, Lewis’s *Babbitt*, Fitzgerald’s *The Great Gatsby*, and others. 1 term — 3 semester hours. Normally offered every third year.

English 396 — American Political Literature. Major political discourse of America, between the European settlement of New England and the Civil War, which attempts to transform social and political realities into an esthetic, timeless symbol. 1 term — 3 semester hours. Normally offered every third year.

English 397 — Novels and Newspapers. 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. Normally offered every third year.

English 398 — 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. Hawthorne, James, Howells, Jean Stafford, Edwin O’Connor, Dorothy West, and others. 1 term — 3 semester hours. Normally offered every third year.

English 399 — Irish Literature. Writers of the Irish Literary Revival, from the 1890’s to the 1930’s. Readings from Yeats, Joyce, Synge, O’Casey and O’Flaherty. The influence of Anglo-Irish history on Irish writers. 1 term — 3 semester hours. Normally offered alternate years.

English 403 — The Modern European Novel. Major novels and short stories by representative European writers, including Camus, Joyce, Chekhov, Mann, Kafka, Dostoyevsky and Solzhenitsyn. 1 term — 3 semester hours. Normally offered every third year.

English 404 — Polish Literature. The history and civilization of Poland as reflected in its literature from the Renaissance to the present — and from Nazi decimation to Soviet domination. Also the underlying folk tradition from which it springs. 1 term — 3 semester hours. Normally offered every third year.

English 405 — Russian Literature. An introduction to the major works of Russian literature, with an examination of the moral and aesthetic issues they present. Pushkin, Turgenev, Gogol, Dostoyevsky, Tolstoy, Chekhov and Solzhenitsyn. 1 term — 3 semester hours. Normally offered every third year.

English 406 — Italian Literature. Major writers of the Middle Ages, Renaissance, *Risorgimento*, and present day, including Dante, Boccaccio, Machiavelli, Ariosto and Leopardi, in English translation. Focus on the originality of Italian literature and its contribution to our culture. 1 term — 3 semester hours. Normally offered every third year.

English H513 — English Honors Seminar. A seminar limited to highly 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 substantial written critiques. 1 term — 3 semester hours. Offered every semester.

English 514 — Internship in English. Individualized guidance in a career-related activity. Upperclass English majors may gain academic credit for work preparing them for English-related careers, provided that the work is monitored by a member of the English faculty. Department approval is required. 1 term — 3 semester hours. Normally offered yearly.
The Fine Arts program is offered by the Department of Humanities and Modern Languages. Students should refer to course descriptions on pages 114. A major in Fine Arts requires 30 semester hours in Art History, Studio Art and Humanities, and must include Humanities 201-202 (History of the Visual Arts) and Humanities 401-402 (Seminar). Also required are 12 hours of related electives from approved offerings in English, Foreign Literatures, Humanities, Philosophy and Dramatic Arts.

Students may concentrate in either Studio Arts or Art History. In the Studio Arts concentration, students work closely with Department art instructors to master the techniques of one or more mediums, develop a personal style, and begin a portfolio of works. A concentration in Art History provides an understanding of the chronological record of Western Art, and of the criteria upon which art works are judged.

The Fine Arts major increases visual awareness and aesthetic sensibility. Although the major provides no direct technical training for such fields as advertising, visual communications or fashion design, the program does produce students with excellent preparation for advanced training in these and other specialized fields.
French

Department of Humanities and Modern Languages
Professors: Boudreau (Chairperson), Chiasson, Hastings
Associate Professors: Mendez-Herrera, Parks
Assistant Professors: Hourtienne, Smythe
Lecturers: Kelton, Robb
Professors Emeriti: Fang, Fehrer, Goodrich, Petherick.

The major in French consists of the study of French language, its literature, and the civilization of the French-speaking world. The major requires 30 credit hours beyond the Elementary level, including Masterworks of French Literature. Also required are 12 hours of related electives from approved courses in English, Humanities, Philosophy and Dramatic Arts.

The Foreign Language Requirement for the A.B. degree is satisfied by 6 credit hours in French at the Introductory level, or at any higher level according to the student’s competence. Level of competence is determined by Placement Examination and by consideration of the student’s prior experience in French studies.

French Courses

French 101-102 — Elementary French: Introduction to French Language and Culture. Practice in both oral and written language skills. Audio-visual and textual materials based on French cultural themes. Two language laboratory sessions per week. 2 terms — 6 semester hours. Offered yearly.

French 201-202 — Intermediate French: The Language and Civilization of France. Study of the French language using cultural materials as a primary vehicle for the development of language skills. Extensive audio-visual materials support the texts read in class. Two half-hour laboratory assignments per week using cultural materials integrated with those used in class. Prerequisite: French 101-102 or instructor’s permission. 2 terms — 6 semester hours. Offered yearly.

French 209 — Contemporary French Civilization. Reading and discussion in French of texts about French society, history, culture, education, politics and economy. Films illustrating aspects of French life relating to the above subjects. Review work in grammar and use of language laboratory. 1 term — 3 semester hours. Offered in Fall term of alternate years.

French 210 — Contemporary French Civilization. Sequel to French 209. Continuation of language work, composition and conversation supplemented by cultural films and language laboratory work. 1 term — 3 semester hours. Offered in Spring term of alternate years.

French 211 — The French-Speaking World. A study of France and its institutions with concentration on the influence they have had in countries as diverse as Canada, Haiti and Senegal. Cultural films. Continuing work in language via composition and language laboratory. 1 term — 3 semester hours. Offered in Fall term of alternate years.

French 212 — The French-Speaking World. Sequel to French 211. Continuation of language work, composition and conversation supplemented by films and laboratory work. 1 term — 3 semester hours. Offered in Spring term of alternate years.

French 311 — Masterworks of French Literature: I. Great works of French literature from the Middle Ages to the Age of Enlightenment. Authors such as Rabelais, Montaigne, Molière 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. Offered in Fall term.

French 312 — Masterworks of French Literature: II. 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. Offered in Spring term.
French 320 — French Classical Drama.
A study of the themes, conventions and theories of the 17th century French theater, with readings in translation. Selected tragedies of Corneille and Racine, and comedies of Molière. 1 term — 3 semester hours. Offered in alternate years.

French 324 — Twentieth Century French Theater. The development of the 20th century French theater will be traced through the modes of Surrealism, Dadaism, the Avant-garde and the Absurd, in the works of Sartre, Anouilh, Ionesco, and Beckett. Readings in translation. 1 term — 3 semester hours. Offered alternate years.

French 401-402 — Seminar in French. Study of several periods of French literature such as the Classical and Romantic, or of genres such as the novel, theater or poetry. Also included are studies in newer areas such as French-Canadian or French West African literature. 2 terms — 6 semester hours. One seminar offered each term.

French 501 — Independent Study. Students meet with a department member to confer on prearranged subjects based on readings in areas of particular interest to them. 1 term — 3 semester hours.
German

Courses offered by the Department of Humanities and Modern Languages.

The Foreign Language Requirement for the A.B. degree is satisfied by 6 credit hours in German at the Introductory level, or at any higher level according to the student’s competence. Level of competence is determined by Placement Examination and by consideration of the student’s prior experience in German studies.

**German Courses**

**German 101-102 — Elementary German: Introduction to German Language and Culture.** Intensive practice in both oral and written language skills using German culture as background for language study. Emphasis on active use of German to master structure, pronunciation and vocabulary. Two one-hour laboratory sessions per week. 2 terms — 6 semester hours. Offered every year.

**German 211-212 — Intermediate German: Language, Culture and Literature.** Review of grammar, practice in spoken German, cultural and literary readings, composition and translation. Two half-hour laboratory sessions per week. Prerequisite: German 111-112 or instructor’s permission. 2 terms — 6 semester hours. Offered every year.

**German 501 — Independent Study.**

Students meet with a department member to confer on prearranged subjects based on readings of particular interest to them. 1 term — 3 semester hours.
Government

Department of Government and Economics

Professors: Elmusa (Chairperson)
Associate Professors: Bain, Berg, O’Callaghan, Shannon
Assistant Professors: Drexler, Dushku, Shannon
Lecturers (part-time): Arnaud, Brownell, A. Burke, Chatterjee, Foglia, Greco, Kafi-Tehrani
Professor Emeritus: Archon.

Students majoring in the field of government may pursue one of the following two programs of study:

TRACK A. *A.B. or B.S. in Government* — This program is designed to give students a comprehensive background in the discipline of political science and its subfields. It constitutes appropriate preparation for graduate work in the discipline, the study of law, and generally for careers in business, teaching, communications and public service.

Students entering in Fall, 1982, or later must meet the requirements for the A.B. or B.S. degree plus the following:

**Major Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Government 111-112 (Politics and Government I &amp; II)</td>
<td>6</td>
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<tr>
<td>American Government Group</td>
<td>3</td>
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<tr>
<td>Government 221, 222, 243, 244, 253, 346, 347, 355, or 357.</td>
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<tr>
<td>International Relations Group</td>
<td>3</td>
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<tr>
<td>Government 261, 262, 363, or 463.</td>
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<tr>
<td>Political Theory Group (choose one below)</td>
<td>3</td>
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<tr>
<td>Government 274, 275, 473, or 475.</td>
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<tr>
<td>Comparative Government Group</td>
<td>3</td>
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<tr>
<td>Electives in Government</td>
<td>12</td>
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<tr>
<td>Related Electives:</td>
<td>30</td>
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Related Electives: The Department provides a current list of courses related to the major drawn from fields such as Economics, History, Sociology, Management, Computer Science. Students are required to choose four courses (12 semester hours) with advisor’s approval.

TRACK B. *A.B. or B.S. in Public Policy and Administration.* This program is designed to give students interested in public service careers a basic grounding in the theory and practice of public administration, combined with a general knowledge of governmental institutions and of relevant technical skills. Successful candidates will be prepared for either entry-level employment or graduate work in public policy or administration. Students entering in Fall, 1982, or later must meet the requirements for the A.B. or B.S. degree plus the following:

**Major Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
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</thead>
<tbody>
<tr>
<td>Government 111-112 (Politics and Government I &amp; II)</td>
<td>6</td>
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<tr>
<td>Government 221-222 (Public Administration I &amp; II)</td>
<td>6</td>
</tr>
<tr>
<td>Government 224 (Introduction to Public Policy)</td>
<td>3</td>
</tr>
<tr>
<td>Political Institutions Group (choose two below)</td>
<td>6</td>
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<tr>
<td>Government 243, 244, 253, 346, 347, or 355.</td>
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<tr>
<td>Policies &amp; Processes Group (choose one below)</td>
<td>3</td>
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<tr>
<td>Electives in Government</td>
<td>6</td>
</tr>
<tr>
<td>Related Electives:</td>
<td>30</td>
</tr>
</tbody>
</table>

Related Electives: The Department provides a current list of courses related to the major drawn from fields such as Economics, Accounting, History, Sociology, Management, Public Administration and Computer Science. Students are required to choose four courses (12 semester hours) with advisor’s approval.
Supplementary Requirements:
Track B Majors are also required to take at least 6 semester hours of Computer Science as well as 6 semester hours in a Government internship (Government 521, 522, 523, 524); these supplementary requirements, however, may be waived in whole or part for students with equivalent experience or demonstrated skills.

Government Courses

Government 103 — American Government. Introductory analysis of U.S. national government and politics: the Constitution; legislative, judicial, executive and bureaucratic processes and institutions; political activity and organizations; policy making and outcomes. 1 term — 3 semester hours. Offered every year.


Government 111 — Politics and Government I. Introduction to the discipline of political science and concepts of political philosophy and theory. Emphasizes reciprocal relationships among the polity, economy and society through analysis and comparison of U.S., other late capitalist, socialist and Third World polities. 1 term — 3 semester hours. Normally offered every year. Required for all Government Majors entering Fall, 1982, or later.

Government 112 — Politics and Government II. Continuation of Gov. 111 with focus on major theoretical systems, methodologies and research in political science. Emphasizes comparative study of political institutions, decision-making, political participation and public policies. 1 term — 3 semester hours. Normally offered every year. Prerequisite: Gov. 111. Required for all Government Majors entering Fall, 1982, or later.

Government 203 — Women in Politics. The relationship of woman to her political culture and structures. The role of women seen in theory (e.g. Marxism, American feminism, existentialism) and in practice over time in the U.S., U.S.S.R., Israel, Cuba, and Sweden. 1 term — 3 semester hours. Normally offered alternate years.

Government 221 — Public Administration I: Theory and Institutions. The scope of public administration, differentiation between private and public goods; the role of political culture in shaping public administration; theories and politics of bureaucracy; organization theory; ethics and accountability; approaches to administrative reform. 1 term — 3 semester hours. Normally offered every year.

Government 222 — Public Administration II: Problems and Applications. Emphasis on the development of analytical and technical skills to address public problems. Topics include resource management, organization development, government reorganization, budgeting and state/local finance, and methods of program analysis and evaluation. Prerequisite: Gov. 221 or consent of instructor. 1 term — 3 semester hours. Normally offered every year.

Government 224 — Introduction to Public Policy. Focus on how public policy is made rather than on particular institutions. Primarily case studies which demonstrate how problems get on the agenda, proposals are formulated and adopted, and policies are implemented and evaluated. Prerequisite: Gov. 111-112. 1 term — 3 semester hours. Normally offered alternate years.

Government 233 — Public Relations and Lobbying. Methods and practices of interest groups trying to influence legislative and administrative decision-making; methods and practices of public agencies trying to influence governmental policies; the military-industrial complex and other cases on federal or state levels. 1 term — 3 semester hours. Normally offered alternate years.

Government 243 — American Constitutional Law. The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. 1 term — 3 semester hours. Normally offered every year.
Government 244 — Civil Liberties.
Analysis of Supreme Court decisions in regard to political and civil rights including freedom of speech, press, assembly and religion, obscenity, race and sex discrimination, and criminal procedure. 1 term — 3 semester hours. Normally offered every year.

Government 253 — State and Local Government.
The development, structure and functions of state governments with emphasis on the government of Massachusetts; the various forms of local government in cities and towns; analysis of the relationships between local, state, and federal governments. 1 term — 3 semester hours. Normally offered every year.

Government 261 — Theory and Practice of International Relations.
Review of major approaches to the study of international relations. Definition of concepts such as power, nationalism, imperialism and dependency. Special attention to use of force and conflict resolution. 1 term — 3 semester hours. Normally offered every year.

Government 262 — Current Issues in International Relations.
Examination of contemporary econopolitical phenomena and problems in the global arena. Students are required to participate in a class project designed to simulate the experience of international behavior. Prerequisite: Gov. 261 or 363. 1 term — 3 semester hours. Normally offered alternate years.

Government 274 — Early Political Theory.
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. 1 term — 3 semester hours. Normally offered alternate years.

Government 275 — Modern Political Theory.
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 alternate years.

Government 283 — Third World Politics.
Theories dealing with the process of political change in countries of the Third World: the impact of the military, traditional culture and institutions, economic problems, strong personalities and other factors on political life and institutions. 1 term — 3 semester hours. Normally offered every year.

Policy analysis attempts to devise solutions to problems, and to develop qualitative and quantitative ways of choosing between alternative policy proposals. Policy evaluation studies whether existing public policies are achieving their intended ends. 1 term — 3 semester hours. Normally offered alternate years.

Policies of present United States health care system critically analyzed and compared with other national systems. Current reform proposals receive special attention. 1 term — 3 semester hours. Normally offered alternate years.

Role of government in promoting, protecting and regulating business activities in the U.S. Examination of Constitutional principles; administrative law, procedure and agencies; taxation, equal employment opportunity, environmental, and antitrust policies. 1 term — 3 semester hours. Normally offered every semester.

The formation, change and measurement of public opinion and its linkage with political decision-making. Techniques of persuasion and forms of propaganda available to parties, interest groups and nations to influence the decisions of others. 1 term — 3 semester hours. Normally offered alternate years.

Government 343 — State and Municipal Law.
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 alternate years.
Government 346 — The American Presidency. Perspectives on the role and problems of the presidency in American political life; the nature and difficulties of presidential influence and effectiveness, presidential authority within our system of government, and the impact of presidential character. Prerequisite: Gov. 111-112 or instructor's consent. 1 term — 3 semester hours. Normally offered every year.

Government 347 — 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 role of legislatures in a democracy. Prerequisite: Gov. 111-112. 1 term — 3 semester hours. Normally offered every year.

Government 355 — American Parties and Politics. Historical overview of party development in the U.S. and of ideological and political trends as reflected in voting behavior. Recent developments in party structure, electoral strategies and political style. The party "crisis" vs. the "art" of political campaigning. Prerequisite: Gov. 111-112 or instructor’s consent. 1 term — 3 semester hours. Normally offered alternate years.

Government 357 — 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: Gov. 111-112 or instructor’s consent. 1 term — 3 semester hours. Normally offered every year.

Government 363 — American Foreign Policy. A decision-making approach to understanding the domestic political and institutional context of U.S. foreign policy. Includes analysis of continuity and change since WW II using case studies of critical decisions, e.g., Korea, Cuba, Vietnam, etc. Prerequisite: Gov. 111-112 or consent of instructor. 1 term — 3 semester hours. Normally offered alternate years.

Government 374 — Research Methodology in Public Affairs. Philosophical study of scientific methods and techniques, history of the philosophy of science, controversies in social science, comparisons of different logic systems and methodological traditions, role of theory in problem and hypothesis formulation and research design. 1 term — 3 semester hours. Normally offered alternate years.


Government 376 — Political Economy. Underlying relationships between economic and political factors in society. History of political economy, materialist versus idealist philosophy, transition among stages of development, relationship between base and superstructure, definition of systems crisis, contemporary social and political formations. 1 term — 3 semester hours. Normally offered alternate years.

Government 383 — African Politics. The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social, and personal factors; political forces at work in present day Africa. Prerequisite: Gov. 111-112 or instructor’s consent. 1 term — 3 semester hours. Normally offered alternate years.

Government 385 — Soviet Politics and Economy. Marxian doctrine as interpreted by Lenin, Stalin and others and its influence on Soviet society. The Party’s organization and control of government; Soviet foreign policy; the planned economy, its growth and partial development away from Marxism. 1 term — 3 semester hours. Normally offered alternate years.

Government 387 — Politics of Latin America. A study of Latin American political institutions and the major forces affecting their evolution. The role of the military, clergy, labor groups, and outside economic and political interests in shaping governmental policies and institutions. Prerequisite: Gov. 111-112 or instructor’s consent. 1 term — 3 semester hours. Normally offered alternate years.

Government 389 — Politics of China. Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; Mao’s Thought and the revolutionary movement; present political structures and current issues. Prerequisite: Gov. 111-112 or consent of instructor. 1 term — 3 semester hours. Normally offered alternate years.
Government 433 — Topics in Public Policy. Using the techniques learned in Gov. 224, students will make an intensive study of a current policy issue. Prerequisite: Gov. 224. 1 term — 3 semester hours. Normally offered alternate years.

Government 435 — Race and Public Policy. Public policy's impact on Blacks, Chicanos, Native Americans, Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. 1 term — 3 semester hours. Normally offered every third year.

Government 463 — International Law and Organization. Examination of the development, principles and role of international law in the last two centuries; a study of the Charter, activities and politics of the United Nations Organization, its specialized agencies, NATO and other regional organizations. 1 term — 3 semester hours. Normally offered every year.

Government 473 — American Political Thought. Reading and discussion of original works by significant American political thinkers such as The Federalist and works by Paine, Jefferson, Calhoun, Thoreau, Sumner, Reed, Dewey, Lippman, Goodman, King, Malcolm X, Carmichael, Hamilton, Friedan, and Dellinger. 1 term — 3 semester hours. Normally offered alternate years.

Government 475 — Socialist Political Thought. Socialist theories of the state, class consciousness, revolution. The views of major socialist thinkers of the 19th and 20th centuries including Marxists, anarchists and evolutionary socialists. 1 term — 3 semester hours. Normally offered alternate years.

Government 483 — Politics of Europe. Comparative study of politics in Europe's post-industrial societies and in selected countries of southern and eastern Europe. Includes Europe's experience with liberal democracy, social democracy, facism, and communism; challenges of European integration. Prerequisite: Gov. 111-112 or instructor's consent. 1 term — 3 semester hours. Normally offered alternate years.

Government 485 — Politics of the Middle East. Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. 1 term — 3 semester hours. Normally offered alternate years.

Government 505 — Studies in Government. Individual program of reading and research on an approved topic under the supervision of a member of the department. For qualified juniors and seniors. Prerequisite: instructor's consent and approval of department chairperson. 1 term — 3 semester hours. Offered every semester.

Government 509 — United Nations Seminar. Intensive study of the U.N., its subsidiary bodies, and their role in international relations. Research on a particular African member-state, acquisition of knowledge of U.N. processes and procedures, and seminar paper required of each student. Prerequisite: competitive examination by the instructor; international relations or African politics courses desirable but not required. 1 term — 3 semester hours. Normally offered every year.

Government 521 — Internship in Government. Approximately 12 hours a week working in a government-related position designed to give the student more responsibility and learning opportunity than is normally available in an entry-level job. Interested students should consult instructor in advance. Prerequisite: Junior standing, consent of instructor, and concurrent enrollment in Gov. 522. 1 term — 3 semester hours. Normally offered every semester.

Government 522 — Internship Seminar. Weekly seminar for students in the government internship program. The internship experience will be used in the discussion and testing of theories of bureaucracy, public administration, and organization presented in the reading assignments. Prerequisite: Concurrent enrollment in Gov. 521 or equivalent experience. 1 term — 3 semester hours. Normally offered every semester.

Government 523 — Washington Internship (Fall or Spring). A full-time, one-semester internship in Washington, D.C. Consult the Department office for more details. Prerequisite: junior standing; limited to 5 students per semester, chosen by competitive application. 1 term — 12 semester hours.

Government 525 — Washington Seminar. Available in conjunction with Gov. 523 or 524. *1 term — 3 semester hours.*

Government 595 — Honors Colloquium in Political Science. Student-faculty colloquium involving substantial reading, discussion and the presentation of original papers. Limited to juniors and seniors of high academic standing and with sufficient background in political science. Applications due in November. *1 term — 3 semester hours. Normally offered every spring semester.*
A major in History provides students with an understanding of the relationships between the contemporary world and the world of the past. History majors receive excellent preparation for graduate study in the Law, as well as for careers in Teaching, Journalism, Public Relations, and Communications, among others.

A major must complete 30 semester hours in History and 12 semester hours of related electives. The program should be in accordance with one of the following concentrations:

**Track I — American History:** History 101-102 (Western Civilization) or History 121-122 (Foundations of the Modern World) or History 151-152 (World Civilization); History 181-182 (American History); 12 semester hours of American History courses; 6 semester hours of non-American History courses (3 European, 3 other); 12 semester hours chosen from the Department’s American History Track Related Electives list.

**Track II — European History:** History 101-102 or History 121-122 or History 151-152; History 181-182; 12 semester hours of European History courses; 6 semester hours of non-European history courses (3 American, 3 other); 12 semester hours chosen from the Department’s European History Track Related Electives list.

**Track III — Third World History:** History 101-102 or History 121-122 or History 151-152; History 181-182; 12 semester hours of Third World History courses; 6 semester hours of non-Third World History courses (split between two fields); 12 semester hours chosen from the Department’s Third World Track Related Electives list.

**Track IV — Women’s History:** History 101-102 or History 121-122 or History 151-152; History 181-182; 12 semester hours of Women’s History courses; 6 semester hours of non-Women’s History courses (split between two fields); 12 semester hours chosen from the Department’s Women’s History Track Related Electives list.

**Track V — Pre-Law:** History 101-102 or History 121-122 or History 151-152; History 181-182; History 211-212 (British History); 6 semester hours of American History courses; 6 semester hours of non-American History courses (split between two fields); 12 semester hours chosen from the Department’s Pre-Law Track Related Electives list.

**Track VI — History and Literature:** History 101-102 or History 121-122 or History 151-152; History 181-182; History 421-422 (European Cultural and Intellectual History); 12 semester hours of History courses on the area — and period — on whose literature the student is concentrating (British Isles, Europe, or the United States); 12 semester hours chosen from one of the Department’s three History and Literature Track Related Electives lists (British Isles, Europe, or the United States) corresponding to the area of concentration in the student’s History courses.

**Track VII — History and Science:** History 101-102 or History 121-122 or History 151-152; History 181-182; History 421-422; History 423 (Science and Society since the Renaissance); History 483 (Death, Disease, and Healing in American Society); 6 semester hours of History courses (3 American, 3 other).
can, 3 non-American) relevant to the related electives chosen; 12 semester hours chosen from the Department’s History and Science Track Related Electives list.

The second part of any sequential History offerings may be taken prior to the first part (e.g., History 102 may be taken before History 101). Each part is taught as a separate entity.

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 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.

To be considered for Honors in History, a student must have, at graduation, compiled a grade point average of 3.3 or above in at least 15 semester hours of History courses taken at Suffolk University. Honors will be awarded only to those candidates who successfully complete the following program: a one-semester Historiography Seminar (History 503); a one-semester topical Research Seminar (History 504); and an Honors Thesis to be written over the period of one semester, using a History 500 (Studies in History) course as the vehicle. The Thesis will be read, and either accepted or rejected for Honors designation, by a Departmental Honors Committee.

History Courses

History 101 - 102 — History of Western Civilization. A survey of European culture and society from antiquity to the present. Topics include: the Greek, Judaic, and Roman heritage; Christianity; the Middle Ages; the Renaissance and Reformation; the Scientific and Industrial Revolutions; imperialism and socialism. 2 terms — 6 semester hours. Offered yearly.

History 121-122 — Foundations of the Modern World. A topical approach to World Civilization. Subjects include Sex and Sex Roles; Science, Technology and Human Values; Economic and Social Structures; Art and Mass Culture; Medicine and Health; Education; and Race and Ethnicity. 2 terms — 6 semester hours. Offered alternate years.

History 151-152 — History of World Civilization. A survey of the major cultural groupings in the world community from the beginnings of civilization to modern times. Major attention is given to Mesopotamian, Egyptian, Indian, Chinese, Greco-Roman, African, Amerindian, Judeo-Christian, and Islamic civilizations. 2 terms — 6 semester hours. Offered alternate years.

History 181-182 — American History. A survey of such topics as colonial politics and society; the American Revolution; the Age of Jackson; sectionalism and slavery; industrialization; America's rise to world power; the Great Depression; the two world wars and Vietnam; culture and counter-culture. 2 terms — 6 semester hours. Offered yearly.

History 201-202 — History of Business in the Western World. An analysis of business in the West from the Roman Empire to the present. Stressed is the relation of business to government, religion, and society as a whole; and the impact of emerging labor organizations upon business. 2 terms — 6 semester hours. Offered every third year.

History 211-212. — British History. England, Scotland, and Wales from Celtic times: the development of the English monarchy after 1066; Tudor and Stuart absolutism; the Civil War; industrialization; the British Empire and world leadership; transition from aristocracy to democracy. 2 terms — 6 semester hours. Offered alternate years.

History 213 — History of the British Empire and Commonwealth. The first British Empire (1607-1783); the second British Empire in the 19th century; dominion and Commonwealth status; the constituent territories of the Empire; their relationship with Britain, and their interrelationship within the Empire. 1 term — 3 semester hours. Offered every third year.
History 221-222 — 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; the foreign policies of major European powers and the central causes of the rivalries between them. 2 terms — 6 semester hours. Offered every third year.

History 241-242 — History of the Middle East. The first semester traces ancient Middle East backgrounds, Christianity, Islam, Byzantium, and the Ottoman and Persian area to 1828; the second semester is on Ottoman and Persian developments; the Armenian Revolution; the Arab Awakening; the rise of constitutional movements; and Israel. 2 terms — 6 semester hours. Offered every third year.

History 251 — 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 252 — 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 261 — African History to 1800. The history of sub-Saharan Africa from "prehistoric" times to 1800. Topics include: the peoples of Africa; the concept of kinship; the formation of states; the spread of Islam; the slave trade; and economic and social transformations. 1 term — 3 semester hours. Offered every third year.

History 262 — Modern African History since 1800. The history of sub-Saharan Africa from 1800 to the present. Topics include: the abolition of the slave trade; Islamic, and Zulu, revolutions; European imperialism and colonialism; African resistance and national movements; and social and economic development. 1 term — 3 semester hours. Offered every third year.

History 271-272 — Afro-American History. Afro-American history and culture in the United States from its origins to the present. Topics include: the slave trade and slavery; the Civil War and Reconstruction; segregation; the role of the Black church; and the Civil Rights Movement. 2 terms — 6 semester hours. Offered alternate years.

History 281-282 — American Social and Cultural History. American society from the settlement of the colonies until the present. Topics include: Puritanism; witchcraft; Revolutionary society; social mobility; the image and reality of the West; Amerindians; Women; Blacks; labor and labor violence; urbanization and industrialization. 2 terms — 6 semester hours. Offered every third year.

History 291 — American Diplomatic History to 1898. U.S. foreign policy from the American Revolution to 1900. Emphasized are: America's relations with Europe, the Caribbean, and Far East; the War of 1812; the Monroe Doctrine and Manifest Destiny; the Civil and Spanish-American Wars. 1 term — 3 semester hours. Offered every third year.

History 292 — American Diplomatic History since 1898. Modern U.S. foreign policy, emphasizing: Dollar Diplomacy, World War I and the League of Nations, disarmament, the Good Neighbor Policy, the menace of imperial Japan and Hitler, and the quest for international security since World War II. 1 term — 3 semester hours. Offered every third year.

History 301-302 — The Ancient World. A problem-centered approach to the political, social, intellectual and cultural development of the Ancient Near East, Egypt, Greece, the Hellenistic World, the Roman Republic and the Roman Empire, emphasizing readings from ancient authors. 2 terms — 6 semester hours. Offered every third year.

History 311 — Cultural History of the Middle Ages. An analysis of civilization in Europe from the fall of the Roman Empire in the West to the High Middle Ages, with special emphasis upon the transformation of learning and developments in the arts. 1 term — 3 semester hours. Offered every third year.

History 312 — The Renaissance and the Reformation. The Italian Renaissance, the Renaissance in the North, Humanism and Pietism, effects of the Age of Discovery, the Protestant Revolt, the Catholic Reformation, new religious sects, the Wars of Religion. 1 term — 3 semester hours. Offered every third year.
History 321 — The Age of Kings and Philosophers. From the Peace of Westphalia to the French Revolution, 1648-1789; French absolutism, Europe in the age of Louis XIV, French hegemony, the Dutch Republic, the rise of Prussia and Russia, the ancien régime, the Enlightenment. 1 term — 3 semester hours. Offered every third year.

History 322 — The French Revolution and Napoleon. 1789-1815: the background and outbreak of revolution; the French Republic; the Reign of Terror; the European impact of the Revolution; the career of Bonaparte; Napoleonic warfare; the rise, fall and significance of the Empire. 1 term — 3 semester hours. Offered every third year.

History 331-332 — Eastern Europe. Byzantine and Ottoman influences; role of Poland-Lithuania; Hungarian-Bulgarian-South Slavic history. The second semester covers the nationalistic period and liberation movements since 1800. 2 terms — 6 semester hours. Offered every third year.

History 351 — 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 every third year.

History 352 — History of Japan since 1800. Japan’s “modern transformation,” stressing events from Commodore Perry’s opening of Japan (1853) and the Meiji Restoration (1868) to the present. Emphasized are Japan’s twentieth century world life and her relations with the U.S. 1 term — 3 semester hours. Offered every third year.

History 371 — Women in American History. The activities and influence of women in America from the colonial period to the present. Major themes: women’s health, political change, sexuality, work roles, and particularly the impact on women of social class and race. 1 term — 3 semester hours. Offered alternate years.

History 372 — Women in History: Europe and the Third World. An exploration of the activities of women in European and Third World history, from ancient to modern times. Topics include: women’s work roles; development of contraception; peasant societies; women in revolutionary societies, especially China. 1 term — 3 semester hours. Offered every third year.

History 373 — History of the Family in American and European Society. A comparative history of family structures in America and Europe. Topics include: family life in pre-modern and modern societies; changing psychology and functions of families; history of childhood; impact of revolutions on family patterns. 1 term — 3 semester hours. Offered every third year.

History 374 — American Urban History. The development of cities in American history from the colonial period to the present. Major themes: ethnic and racial urban problems; living conditions in cities; urban-rural tensions; the culture of cities. 1 term — 3 semester hours. Offered every third year.

History 375 — History of American Immigration. American immigrants studied from colonial times. Topics include: immigrant origins; factors encouraging immigration; immigrant adaptation to America; native reactions to immigrants; achievements and contributions of ethnic groups; current immigration conditions. 1 term — 3 semester hours. Offered every third year.

History 376 — History of the Women’s Movement. Rise of social and political movements for women’s rights in modern America and Europe; the Suffrage Movement; women in capitalist and socialist societies; challenges of the new American women’s movement, 1960s-1980s. 1 term — 3 semester hours. Offered every third year.

History 377 — Women and Religion in America. Topics include: women in the formation of Judeo-Christian tradition; women in American religions and Roman Catholicism; women’s leadership in non-mainstream churches; religion and politics in women’s lives. 1 term — 3 semester hours. Offered every third year.

History 381 — American Colonial History. The course emphasizes: 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 alternate years.
History 382 — Era of the American Revolution. 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 alternate years.

History 383 — Boston: The Heritage of a City. The development and influence of Boston from its foundation in 1630: the Massachusetts Bay Colony, cradle of the American Revolution; Boston as a Yankee merchant capital, Brahmin cultural center, immigrant melting pot, and modern metropolis. 1 term — 3 semester hours. Offered every third year.

History 384 — Military History of the Modern World. Western warfare from the Renaissance to the present, stressing strategy and tactics, weapons development and use. In-depth study of the American Revolutionary War, Napoleonic warfare, the American Civil War, World Wars I and II; and the Nuclear Age. 1 term — 3 semester hours. Offered alternate years.

History 391 — The Young Nation: U.S. History, 1789-1850. America’s early national history, from President Washington to pre-Civil War sectional strife. Topics include Hamilton’s and Jefferson’s impact, the War of 1812, Marshall and the Court, nationalism and westward expansion, Jacksonian democracy, the Mexican War, slavery and sectionalism. 1 term — 3 semester hours. Offered alternate years.

History 392 — The American Civil War and Reconstruction. Topics include the antebellum reform and expansion movements, especially as they affected slavery, and the deepening sectional crisis of the 1850’s. An in-depth analysis of the violent Civil War which followed, and Southern Reconstruction to 1877. 1 term — 3 semester hours. Offered alternate years.

History 393 — America: The Old and New South. The American South from colonial times to the present. Topics include: slavery, plantation life, sectional strife and Civil War; Reconstruction and racism; the civil rights struggle, and the dynamic “New South”. 1 term — 3 semester hours. Offered every third year.

History 411-412 — Europe since 1815. The political, economic, and social development of the principal European states from 1815 to the present: 19th-century Nationalism; Industrialization; Socialism; Imperialism; Militarism; World War I; Bolshevism and Fascism; World War II; the Cold War. 2 terms — 6 semester hours. Offered every third year.

History 413 — Dictators to Detente: Contemporary Europe. An in-depth study of European history since 1939: World War II; the Cold War; economic recovery and the disintegration of blocs; the development of detente, and movement toward European integration. 1 term — 3 semester hours. Offered every third year.

History 414 — Nazi Germany. 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. 1 term — 3 semester hours. Offered every third year.

History 415 — Ireland: From the Celts to the Present. Irish origins and medieval background; Anglo-Irish history from the Tudor invasion of Ireland in 1534 to the present will be explored in greater detail, with emphasis on the interrelationship between developments in the two nations. 1 term — 3 semester hours. Offered every third year.

History 416 — Italy: From the Caesars to Mussolini. The Roman and Holy Roman Empires; Renaissance and commercial prosperity; occupation and stagnation; the Italian Enlightenment; the Risorgimento; unification by Cavour; the failure of Italian parliamentarianism; the turn to Mussolini and his fall. 1 term — 3 semester hours. Offered every third year.

History 417 — Everyday Life: The Common People in European History. The life of average people (peasants and townspeople rather than princes and bishops) in European history: How did common men and women work, live, learn? What were their concerns, and what institutions affected them most? 1 term — 3 semester hours. Offered every third year.
History 421-422 — Intellectual and Cultural History of Modern Europe.
The educated classes of Europe, their sociology and their culture, from the Renaissance to the present: the Scientific Revolution, the Enlightenment, the French Revolution, 19th-century Liberalism and Conservatism, Socialism, and 20th-century Irrationalism. 2 terms — 6 semester hours. Offered every third year.

History 423 — European Science and Society since the Renaissance.
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 our century. 1 term — 3 semester hours. Offered every third year.

History 431-432 — 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; twentieth century Czarist Russia, the Russian Revolutions, and the Soviet Union. 2 terms — 6 semester hours. Offered alternate years.

History 433 — The Russian Revolution.
The origins, events, and aftermath of the Bolshevik Revolution, 1917-1929: conditions under the Czarist regime; the revolutionary underground; the February and October Revolutions; civil war and consolidation of Bolshevik power; Lenin, Trotsky, Stalin. 1 term — 3 semester hours. Offered every third year.

History 451 — History of China to 1800.
The cultural, intellectual, and political history of China from prehistoric times to 1800; in-depth consideration of Chinese philosophy, literature, fine arts and folklore. Museum trips are undertaken to view such exhibits as Chinese bronzes and Buddhist art. 1 term — 3 semester hours. Offered every third year.

History 452 — History of China since 1800. 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 every third year.

History 473 — Interdisciplinary Women's Studies Seminar.
This course explores four basic topics: the biological and psychological "differences" between the sexes; the historical and social sources of women's subordination; women and Judeo-Christian religion; women as writers and artists. 1 term — 3 semester hours. Offered alternate years.

History 483 — Death, Disease and Healing in American History. American medicine from the eighteenth century to the present. Topics include: public health, epidemics, alternative medical systems, the medical profession, medical education, women and medicine, genetic manipulation, insanity, the development of hospitals and medical ethics. 1 term — 3 semester hours. Offered every third year.

History 484 — Crime, Law and Society in U.S. History. American crime from the Puritans to the present. Topics include: punishment, witchcraft, mobs, crime and slavery, origins of prisons and police, criminal insanity, juvenile justice, prohibition, the Klan, organized crime, and women and crime. 1 term — 3 semester hours. Offered every third year.

History 491 — The Gilded Age: U.S. History, 1877-1914. The major political, economic and social forces in Victorian America from Reconstruction to World War I. Topics include: business-government interrelationships, industrialization with its attendant problems, American imperialism and the Spanish-American War, the Populist revolt, and Progressive reform. 1 term — 3 semester hours. Offered every third year.

History 492 — The United States in the Twentieth Century. America's emergence as a world power; the Progressive era; U.S. intervention in World War I, and its consequences; depression in the 1930's; the New Deal and World War II; major developments since 1945. 1 term — 3 semester hours. Offered yearly.

History 500 — Directed 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 Juniors and Seniors, with the permission of the instructor. 1 term — 3 semester hours. Offered each semester on demand.
History 503 — Historiography Seminar.
The various schools and philosophers of history writing from the 18th century to the present; approaches to historical analysis; and the sources and skills that each approach requires. A limited-enrollment honors seminar. 1 term — 3 semester hours. Offered alternate years.

History 504 — Research Seminar.
A limited-enrollment honors seminar, culminating in a group historical research project. Skills and methods treated include: bibliography, periodical and newspaper research, manuscripts, visual resources, oral history, statistical cliometrics and computer analysis. 1 term — 3 semester hours. Offered alternate years.

History 505 — Western Civilization Seminar. A seminar on one theme of major importance, such as Legal Thought, or Utopian Communities. Each student will also lead a discussion class of History 102 students. Open only by permission of the instructor. 1 term — 3 semester hours. Offered alternate years.

History 506 — Revolutions: Theory and Practice. The history of revolutions from ancient times to the present. Topics include the Spartacus revolt; Marxism and other revolutionary theories; the American and French Revolutions; the Latin American Revolutions; and the Russian and Chinese Revolutions. 1 term — 3 semester hours. Offered every third year.
Humanities

Department of Humanities and Modern Languages
Professors: Boudreau (Chairperson), Chiasson, Hastings
Associate Professors: Mendez-Herrera, Parks
Assistant Professors: Hourtienne, Smythe
Lecturers: Kelton, Robb
Professors Emeriti: Fang, Fehr, Goodrich, Petherick.

Requirements for a major are satisfied by completion of 30 hours of course work in Humanities, to include Introduction to the Humanities (6 hours) and the Seminar (6 hours). Also required are 12 hours of related electives from approved offerings in English, Foreign Languages and Literatures, Humanities, Philosophy or Dramatic Arts. With permission of a Humanities and Modern Languages advisor, certain courses in History may also be included in the student’s major program.

The Humanities major provides an integrated approach to the study of civilization, with particular emphasis on the Art, Literature, Music and Religions of the Western World.

Senior Humanities majors are encouraged to do up to 6 credit hours of intern work with local museums, historical societies, or art galleries, under arrangements made by the Department.

Humanities Courses

Humanities 101-102 — Introduction to the Humanities. Presentation and analysis of various artistic and literary productions of Western Civilization from Ancient Greece to modern times. Discussion of the cultural value systems that produced particular movements in the arts, literature, architecture and music. 2 terms — 6 semester hours. Offered yearly.

Humanities 105-106 — Art Workshop. A practical training course in the mechanics of several mediums. Use of brushes, pencils, washes. Introduction to pigments and their suspending mediums. Discussions of canvas, papers, wood and other surfaces. Students will execute several studio problems in the medium of their choice. No previous studio experience required. 2 terms — 6 semester hours. Offered alternate years.

Humanities 109-110 — Introduction to the Studio Arts. An introductory course for students with little or no experience in Art. Media and techniques of visual representation. Students will execute several basic studio problems in order better to understand the challenges faced by the artist in his creation. Not open to freshman. 2 terms — 6 semester hours. Offered alternate years.

Humanities 111 — Humanities: The Art Mode. Western cultural history through the visual arts: painting, sculpture, architecture, and the minor arts of Greece, Rome, the medieval period, the Renaissance, the 19th and 20th centuries. 1 term — 3 semester hours. Offered every term.

Humanities 112 — Humanities: The Music Mode. Western cultural history from the Renaissance to the contemporary period, as expressed in music. Selected readings, examples for listening and discussion. 1 term — 3 semester hours. Offered every term.

Humanities 115 — Photography I. Basic photography for the beginner; mechanics of lenses; film characteristics; dark room operations; picture making; composition. During the second half of this practical course students will accompany the instructor on film-shooting trips in the Boston area. 1 term — 3 semester hours. Normally offered every summer.

Humanities 117 — Drawing: A Boston Sketchbook. An introductory experience in drawing and sketching. Elements of design, composition, perspective, taught in the Art Studio. Sketching trips through Boston and nearby locales, followed by critiques and revisions in the studio. Students will produce their own sketchbook of Boston. Some previous experience helpful but not necessary. 1 term — 3 semester hours. Normally offered every summer.
Humanities 201-202 — History of the Visual Arts. A survey of the visual arts from prehistoric times to the present. Painting, sculpture, architecture and the minor arts are examined from the perspective of their time and place in history. 2 terms — 6 semester hours. Offered yearly.

Humanities 203-204 — Music Appreciation. Designed primarily for students without any previous musical training, this course develops musical understanding and appreciation through critical listening and concert attendance. Basic musical concepts and selected works by major composers. 2 terms — 6 semester hours. Offered yearly.

Humanities 205-206 — Great Composers. A study of the life and works of 8 major composers in the Western tradition of music. Consideration of the socio-cultural context in which they worked, the contemporary reaction to their music and the evaluation of their achievement by posterity. Prerequisite: Humanities 112, 203-204, their equivalent, or permission of the instructor. 2 terms — 6 semester hours. Offered alternate years.

Humanities 207-208 — Design for the Visual Arts. A basic course, to develop fundamental skills in visual communication. Problem solving in two and three-dimensional design using a variety of approaches and mediums. 2 terms — 6 semester hours. Offered yearly.

Humanities 209-210 — Drawing. Introduction to the basic principles of drawing: a study of perspective and three-dimensional form. Not open to freshmen. 2 terms — 6 semester hours. Normally offered yearly.

Humanities 211-212 — Painting. Introduction to the use of oils; problems in painting techniques. Creative work will be encouraged. Not open to freshmen. 2 terms — 6 semester hours. Normally offered yearly.

Humanities 215-216 — Silk-screen Printing. An introduction to basic silk-screen techniques with emphasis on developing skills in the use of color and design. 2 terms — 6 semester hours. Offered yearly.


Humanities 219-220 — Religion in the United States. Comparison and evaluation of the various kinds of religious experience present in America, as a means toward a better understanding of the role of religion in our civilization. 2 terms — 6 semester hours. Normally offered alternate years.

Humanities 221 — Religion and Doubt. Study and discussion of contemporary issues whose impact causes thinking people to doubt the validity of religious answers. Responses to these doubts from religious perspectives are also examined. 1 term — 3 semester hours. Normally offered alternate years.

Humanities 222 — Symbols of the New Society. Projections about future society are based on trends in technology and social movements. The future is also shaped by our preference and values. This course examines different ways of envisioning the preferred new society. 1 term — 3 semester hours. Normally offered alternate years.

Humanities 224 — Jazz. Evolution of jazz from Blues and Ragtime through Dixieland to the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening and concert attendance. 1 term — 3 semester hours. Normally offered alternate summers.

Humanities 225 — Music Around Boston. Representative concerts of chamber, orchestral and vocal music. Introductory study of musical materials, the works to be performed, their composers and the times in which they lived. Discussion of the concerts and evaluation of the performances. 1 term — 3 semester hours. Normally offered alternate summers. Costs for attendance at concerts will be borne by the students.

Humanities 306 — Art and Civilization of the Middle Ages. Religious and secular painting, sculpture, architecture and the minor arts in the context of medieval civilization. Included are Byzantine mosaics, Carolingian manuscripts, Romanesque monastery churches and Gothic cathedrals. Not open to freshmen. 1 term — 3 semester hours. Normally offered every third year.

Humanities 307 — Art and Civilization of the Renaissance. Painting, sculpture and architecture of the 15th and 16th centuries in Europe as they relate to the interests and ideas of the times. Artists include Masaccio, Botticelli, Leonardo da Vinci, Raphael, Michelangelo, Jan van Eyck, Bosch, Durer and Bruegel. Not open to freshmen. 1 term — 3 semester hours. Normally offered every third year.


Humanities 309 — Art of the Nineteenth Century. A study of Realism, Romanticism, Impressionism, and Post-Impressionism in painting, sculpture and architecture. Artists include Courbet, Delacroix, Goya, Millet, Daumier, Monet, Manet, Van Gogh, Rodin, Renoir and Cézanne. Not open to freshmen. 1 term — 3 semester hours. Normally offered every third year.


Humanities 331 — Mythology and its Representation in the Ancient World. Western mythology considered at its sources in the Mycenaean, Greek and Roman civilizations. The nature and functions of myth, and its representation in architecture, art, cult and drama in the ancient world. Extensive use of audio-visuals, including films of selected Greek dramas. 1 term — 3 semester hours. Normally offered alternate years.

Humanities 401-402 — Seminar in Humanities. Subject chosen annually in response to general questions on the interrelatedness of the arts and literature. Permission of instructor. 2 terms — 6 semester hours. Normally offered yearly.

Humanities 501 — Independent study.
The College of Liberal Arts and Sciences is organized on the basis of Departments which offer courses by faculty well qualified as specialists in particular fields of study. While this traditional arrangement ensures that students have access to depth of education in their particular majors, it does not address all the important ideas, questions, and problems which are regarded as a legitimate part of an undergraduate education. These latter demand courses that integrate the points of view, insights, methods, and concepts of more than one discipline. Increasingly, the faculty of the College are developing such courses to enrich the curriculum; while some of these continue to be listed among the offerings of particular Departments, others are designated as "Integrated Studies" courses.

**Integrated Studies 111-112 — Social Science and Humanities.** This two-semester sequence uses materials drawn from several disciplines and is designed to help incoming freshmen develop the skills, habits of inquiry, and broadened range of interests necessary to pursuing a higher education successfully and independently. *Each half of the sequence carries 3 semester hours' credit. Sequence is offered every year and is required of all freshmen.*
Journalism

Department of Journalism
Associate Professors: Barach (Chairperson), Bray
Assistant Professors: Peary, Preiss
Senior Lecturers: Homer, Macdonald, McLean
Lecturer: Cornell.

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. To achieve these goals, the Department of Journalism supplements its professionally oriented courses by drawing on the resources of the College of Liberal Arts and Sciences, School of Management 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 Voice (student newspaper), [WSUB-TV] (closed-circuit television operation), [WSFR] (radio outlet), Venture (literary magazine), The Beacon (yearbook) and the Society of Professional Journalists, Sigma Delta Chi.

The School of Management 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.

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.

Suffolk students majoring in Journalism may cross-register for courses at Emerson College as part of their normal course load. See Cross-Registration details on page 67.

Major Requirements
The Journalism major consists 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 with 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. 113 Introduction to Journalism
Journ. 213 Law of Communications
Journ. 313 Reporting Fundamentals
Journ. 317 Copy Editing
Journ. 114 News Writing
Journ. 219 History of Journalism
Journ. 414 Advanced Reporting
Journ. 413 Feature and Special Articles
Bachelor of Science Degree in Journalism

Freshman

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Sem. Hrs.</th>
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<tr>
<td>Integrated Studies</td>
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<tr>
<td>First Year English</td>
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<tr>
<td>Introductory Math</td>
<td>6</td>
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<tr>
<td>Option Requirement</td>
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<tr>
<td>Major Core Courses</td>
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Sophomore

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<tr>
<td>Second Year English</td>
<td>6</td>
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<tr>
<td>Logic/Speech</td>
<td>6</td>
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<tr>
<td>Foreign Language (A.B.) or Humanities Option (B.S.)</td>
<td>6</td>
</tr>
<tr>
<td>Option Requirement</td>
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<tr>
<td>Major Core Courses</td>
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Junior

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<tr>
<td>Option Requirement</td>
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<tr>
<td>Related Electives</td>
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<tr>
<td>Free Electives</td>
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Senior

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</tr>
<tr>
<td>Major Journalism Courses</td>
<td>6</td>
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<tr>
<td>Related Electives</td>
<td>6</td>
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<tr>
<td>Free Electives</td>
<td>12</td>
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</tbody>
</table>

Areas of Concentration

The curriculum provides eight Tracks of Areas of Concentration within the Journalism major. To ensure 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 literary writing.

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<tr>
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<tbody>
<tr>
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<td>24</td>
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<tr>
<td>Journalism Electives</td>
<td>6</td>
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</table>

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.)

<table>
<thead>
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<tbody>
<tr>
<td>Major Core Courses</td>
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<tr>
<td>Journ. 319 Semantics of Journalism</td>
<td>3</td>
</tr>
<tr>
<td>Journ. 417 Minority Press in America</td>
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<td>Spanish</td>
<td>18</td>
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<tr>
<td>Span. 201-202 Intermediate Functional Spanish</td>
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<tr>
<td>Span. 207-208 Hispanic Culture</td>
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<tr>
<td>Span. 306 Hispanic Heritage in the United States</td>
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<tr>
<td>Span. 501 Directed Studies in the Spanish Press in the Americas (See Dept. of Humanities and Modern Languages.)</td>
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Track A: Journalism and English.

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</table>
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.**

<table>
<thead>
<tr>
<th>Major Core Courses</th>
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<tbody>
<tr>
<td>Journ. 433 Broadcast Journalism-Radio</td>
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<tr>
<td>Journ. 434 Broadcast Journalism-Television</td>
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30

**Sem. Hrs.**

Related Electives

| Journ. 243 Introduction to Public Relations | 3 |
| Journ. 253 Documentary Film | 3 |
| Journ. 218 Photojournalism | 2 |
| Journ. 316 Press and Society | 3 |
| Journ. 355 The American Cinema | 3 |
| Journ. 363 Copywriting | 3 |
| Journ. 319 Semantics of Journalism | 3 |
| Journ. 415 Critical Writing for the Media | 3 |
| Journ. 416 Great Works in Journalism | 3 |
| Journ. 453 The Television Documentary | 3 |
| Journ. 443 Propaganda and the Mass Media | 3 |
| Journ. 417 Minority Press in America | 3 |

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.**

Major Core Courses

| Journ. 243 Introduction to Public Relations | 3 |
| Journ. 443 Propaganda and the Mass Media | 3 |

30

**Sem. Hrs.**

Related Electives

| Journ. 253 Documentary Film | 12 |
| Journ. 218 Photojournalism | 12 |
| Journ. 303 Financial Journalism | 12 |
| Journ. 316 Press and Society | 12 |
| Journ. 318 The Magazine | 12 |
| Journ. 363 Copywriting | 12 |
| Journ. 319 Semantics of Journalism | 12 |
| Journ. 416 Great Works in Journalism | 12 |
| Journ. 453 The Television Documentary | 12 |
| Journ. 417 Minority Press in America | 12 |

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.

<table>
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<tr>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Major Core Courses</td>
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<tr>
<td>Journ. 253 Documentary Film</td>
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<td>Journ. 453 The Television Documentary</td>
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Related Electives

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<tr>
<td>Journ. 316 Press and Society</td>
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<td>Journ. 319 Semantics of Journalism</td>
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<td>Journ. 355 The American Cinema</td>
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<tr>
<td>Journ. 415 Critical Writing for the Media</td>
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<tr>
<td>Journ. 416 Great Works in Journalism</td>
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<tr>
<td>Journ. 433 Broadcast Journalism-Television</td>
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<tr>
<td>Journ. 443 Propaganda and the Mass Media</td>
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<tr>
<td>MC 207 Film Basics</td>
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<tr>
<td>And other courses in mass communications and film.</td>
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</tbody>
</table>

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 employee communication. The School of Management provided courses in marketing, management, accounting, finance and banking and business administration.

<table>
<thead>
<tr>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Core Courses</td>
</tr>
<tr>
<td>Mkt. 310 Principles of Marketing</td>
</tr>
<tr>
<td>Journ. 363 Copywriting</td>
</tr>
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<table>
<thead>
<tr>
<th>Sem. Hrs.</th>
</tr>
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<tbody>
<tr>
<td>Related Electives</td>
</tr>
<tr>
<td>Journ. 243 Introduction to Public Relations</td>
</tr>
<tr>
<td>Journ. 253 Documentary Film</td>
</tr>
<tr>
<td>Journ. 218 Photojournalism</td>
</tr>
<tr>
<td>Mgmt. 310 Introduction to Management</td>
</tr>
<tr>
<td>Journ. 303 Financial Journalism</td>
</tr>
<tr>
<td>Mkt. 315 Promotion Management</td>
</tr>
<tr>
<td>Journ. 316 Press and Society</td>
</tr>
<tr>
<td>Journ. 318 The Magazine</td>
</tr>
<tr>
<td>Mkt. 317 Consumer Behavior</td>
</tr>
<tr>
<td>Journ. 383 Introduction to Technical Communication</td>
</tr>
<tr>
<td>Journ. 319 Semantics of Journalism</td>
</tr>
<tr>
<td>Mkt. 319 Marketing Research</td>
</tr>
<tr>
<td>Journ. 443 Propaganda and the Mass Media</td>
</tr>
<tr>
<td>Journ. 453 The Television Documentary</td>
</tr>
<tr>
<td>And other courses in mass communications and film.</td>
</tr>
</tbody>
</table>

*The School of Management specifies prerequisites before students can take such courses as Mkt. 310, Principles of Marketing. Students should consult the school's bulletin for the requirements.
**Track S: Journalism and Science Communication.** This program is intended for students who have a strong scientific interest and who seek careers as journalists covering the science field.

<table>
<thead>
<tr>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Major Core Courses</td>
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</tr>
<tr>
<td>Journ. 273 Introduction to Science Communication</td>
<td>3</td>
</tr>
<tr>
<td>Journ. 374 Science Communication in Modern Society</td>
<td>3</td>
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<table>
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<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Science Electives</td>
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<tr>
<td>Students should select sequences in Biology, Chemistry or Physics. Selections cannot duplicate requirement.</td>
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</table>

**Track T: Journalism and Technical Communication.** This program is intended for students who wish to pursue a career in technical communication.

<table>
<thead>
<tr>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Major Core Courses</td>
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<tr>
<td>Journ. 383 Introduction to Technical Communication</td>
<td>3</td>
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<tr>
<td>Journ. 384 Technical Communications: Principles and Procedures</td>
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<table>
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<th>Sem. Hrs.</th>
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<tr>
<td>Related Electives</td>
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<tr>
<td>Journ. 243 Introduction to Public Relations</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 273 Introduction to Science Communication</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 253 Documentary Film</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 218 Photojournalism</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 303 Financial Journalism</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 374 Science Communication in Modern Society</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 316 Press and Society</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 318 The Magazine</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 363 Copywriting</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 319 Semantics of Journalism</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 415 Critical Writing for the Media</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 416 Great Works in Journalism</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 453 The Television Documentary</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 443 Propaganda and the Mass Media</td>
<td>12</td>
</tr>
<tr>
<td>Journ. 417 Minority Press in America</td>
<td>12</td>
</tr>
<tr>
<td>And other courses in mass communications and film.</td>
<td>12</td>
</tr>
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</table>
Journalism Courses

Journalism 113 — Introduction to Journalism. A survey of the journalistic field designed to acquaint the student with what the profession of journalism has to offer. It studies 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 114 — News Writing. A study of news, news values and news sources and 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 213 — Law of Communications. An examination of the basic rules and principles of law governing journalists 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 218 — 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 alternate years.


Journalism 243 — Introduction to Public Relations. The basic principles and techniques of public relations are examined. 1 term — 3 semester hours. Normally offered yearly.

Journalism 253 — Documentary Film. A study of the history and theory of nonfiction film and its role as a means of modern communication. 1 term — 3 semester hours. Normally offered yearly.

Journalism 273 — 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 alternate years.

Journalism 303 — Financial Journalism. A study of the basic aspects of financial reporting and writing. Prerequisite: Journ. 113. 1 term — 3 semester hours. Normally offered yearly.

Journalism 313 — Reporting Fundamentals. The principles and techniques of basic news reporting are studied and applied. Also an introduction to and analysis of interpretative reporting, “alternative” and “new” journalism. Prerequisite: Journ. 114. 1 term — 3 semester hours. Normally offered yearly.

Journalism 316 — Press and Society. A study of how the news media and society interact and affect each other. 1 term — 3 semester hours. Normally offered yearly.

Journalism 317 — Copy Editing. A study of the fundamentals of copy editing, newspaper typography and makeup, with training in the principles and practice of all three. Prerequisite: Journ. 113 or Journ. 114. 1 term — 3 semester hours. Normally offered yearly.

Journalism 318 — The Magazine. A study of selected contemporary magazines. Their design, layout, style, editing and content are examined. Also included is an examination of how a magazine is planned, edited and published. Prerequisite: Journ. 113. 1 term — 3 semester hours. Normally offered alternate years.

Journalism 319 — Semantics of Journalism. Basic principles of semantics are applied to the use of language in the media in an effort to develop more sensitivity to words and their effects on human behavior and thought. Prerequisite: Journ. 113 or Journ. 114. 1 term — 3 semester hours. Normally offered yearly.
Journalism 355 — The American Cinema. A social, political and economic history of the American cinema from the silent era to the present, including a survey of Hollywood filmmaking and independent alternatives to the Hollywood studio system. Prerequisite: Joum. 253. 1 term — 3 semester hours. Normally offered alternate years.

Journalism 363 — Copywriting. A study of the principles and techniques of writing advertisements. 1 term — 3 semester hours. Normally offered alternate years.

Journalism 374 — 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. Prerequisite: Joum. 113 or Joum. 273. 1 term — 3 semester hours. Normally offered alternate years.

Journalism 383 — 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 alternate years.

Journalism 384 — 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: Joum. 383 or instructor’s permission. 1 term — 3 semester hours. Normally offered alternate years.

Journalism 413 — Feature and Special Articles. Writing and submitting for publication articles for newspapers, magazines and syndicates. Prerequisite: Joum. 313. 1 term — 3 semester hours. Normally offered yearly.

Journalism 414 — Advanced Reporting. Experience in the more difficult reporting and writing assignments. Interpretative (analytical) and investigative news stories are studied and written. Some stress on covering state and local government and the courts. Prerequisite: Joum. 114 or Joum. 313. 1 term — 3 semester hours. Normally offered yearly.

Journalism 415 — Critical Writing for the Media. An examination of the theories and techniques of critical writing for the media. Prerequisite: Joum. 113. 1 term — 3 semester hours. Normally offered alternate years.

Journalism 416 — Great Works in Journalism. A study of the language and techniques of noted journalists writing in English from earlier eras until the present. Prerequisite: Joum. 113. 1 term — 3 semester hours. Normally offered alternate years.


Journalism 433 — Broadcast Journalism-Radio. The study and practice of gathering, writing and editing news for radio. Prerequisite: Joum. 114. 1 term — 3 semester hours. Normally offered yearly.

Journalism 434 — Broadcast Journalism-Television. A study and practice of gathering, writing and editing news for television. Prerequisite: Joum. 114 or Joum. 433 and instructor’s consent. 1 term — 3 semester hours. Normally offered alternate years.

Journalism 443 — 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. Prerequisite: Joum. 113. 1 term — 3 semester hours. Normally offered alternate years.

Journalism 453 — The Television Documentary. A study of the history of television documentaries from 1950 to the present with emphasis upon script writing and video production. Prerequisite: Joum. 253 or permission of instructor or advisor. 1 term — 3 semester hours. Normally offered alternate years.
Journalism 513 — 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 yearly.*

Journalism 514 — 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 yearly.*

Journalism 515 — Institute on Journalistic Techniques and Newspaper Advising. Offered in conjunction with *The Boston Globe.* 1 term — 3 semester hours.

Courses offered by the Department of Humanities and Modern Languages.

**Linguistics Courses**

**Linguistics 208-209 — 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. Communication systems in several orders of animals. *No prerequisite.* 1 term — 3 semester hours. Offered alternate years.

**Linguistics 210 — Structural Linguistics.** A survey of notable linguistic theories, with emphasis on modern generative and transformational grammars. Language acquisition patterns in children, a presentation of the alternative theories. Linguistic universals. *No prerequisite.* 1 term — 3 semester hours. Offered alternate years.

**Linguistics 211 — 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.* 1 term — 3 semester hours. Offered alternate years.

**Linguistics 212 — 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.* 1 term — 3 semester hours. Offered alternate years.
Mathematics

Department of Mathematics and Computer Science

Professors: Ezust (Chairperson), Cohn, Myrvaagnes
Associate Professors: Buckingham, Hajj
Assistant Professors: Humphrey, VoVan
Master Lecturers: Jenner, Martuccelli
Lecturers: Dokos, Filan, Hsiung, Pourghasemi.

There are two types of mathematics major programs at Suffolk: the traditional 'straight' major in mathematics, generally used to prepare a student for further study in pure or applied mathematics at the graduate level, and the 'joint' major, mathematics/computer science, designed to give a student the option of entering the job market immediately upon graduation with strong credentials or further developing a career in graduate or professional school.

Each of the major programs contains a substantial block of elective courses within which a student can construct a pre-professional program that is best suited to his or her needs and tastes.

Mathematics Major

The requirements for a major in mathematics include 30 semester hours of mathematics and additional courses in computer science and physics as follows:

Core Requirements:
Mathematics: (30 hours)
  Mathematics 161-162 (Calculus I and II)
  Mathematics 261-262 (Calculus III and IV)
  Mathematics 431-432 (Modern Algebra I and II)
  Mathematics 461-462 (Analysis I and II)
Mathematics Elective Courses*

*Additional courses totalling six hours must be chosen from mathematics courses numbered 200 or higher.

Computer Science: (6 hours)
  Computer Science 131-132 (Computer Programming I and II)

Physics: (8 hours)
  Physics 151-152, L151-L152 (University Physics and Lab)

(Suggested Course Sequence)

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sem. Hrs.</th>
</tr>
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<tbody>
<tr>
<td>First-Year English</td>
<td>6</td>
</tr>
<tr>
<td>Integrated Studies</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics 161-162</td>
<td>6</td>
</tr>
<tr>
<td>Physics 151-152 &amp; L151-L152</td>
<td>8</td>
</tr>
<tr>
<td>Computer Science 131-132</td>
<td>6</td>
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<tr>
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<th>Sem. Hrs.</th>
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</thead>
<tbody>
<tr>
<td>Second-Year English</td>
<td>6</td>
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<tr>
<td>Logic and Speech</td>
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</tr>
<tr>
<td>Language (B.A.) or Humanities (B.S.)</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics 261-262</td>
<td>6</td>
</tr>
<tr>
<td>Related Electives</td>
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<td>Social Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics 431-432 or 461-462</td>
<td>6</td>
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<tr>
<td>Mathematics Electives</td>
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<tr>
<td>Free Electives</td>
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<th>Senior</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Humanities</td>
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<tr>
<td>Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 461-462 or 431-432</td>
<td>6</td>
</tr>
<tr>
<td>Free Electives</td>
<td>18</td>
</tr>
<tr>
<td>Total</td>
<td>30</td>
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</tbody>
</table>
Mathematics/Computer Science Major

The mathematics and physics requirements are the same for a major in mathematics/computer science as for a major in mathematics (see above). In addition, 18 semester hours of computer science courses are required as follows:

Core Requirements in Computer Science: (18 hours)
- Computer Science 131-132 (Computer Programming I and II)
- Computer Science 253 (Introduction to Computer Systems)
  or Physics 351 (Microprocessors I)
- Computer Science 263 (Introduction to File Processing)
  or Computer Science 333 (Organization of Programming Languages)
- Computer Science Elective Courses*

*Additional courses totalling six hours must be chosen from a list of computer courses approved by the Chairperson of the Department of Mathematics and Computer Science. Not more than three hours may be in "language" courses. At present, the approved courses include all CMPSC courses numbered 200 or higher, as well as PHYS 351 and 352 (Microprocessors I and II). Substitution of any other courses requires prior written approval by the Chairperson of the Department of Mathematics and Computer Science.

(Suggested Course Sequence)

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-Year English</td>
<td>6</td>
</tr>
<tr>
<td>Integrated Studies</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics 161-162</td>
<td>6</td>
</tr>
<tr>
<td>Physics 151-152 &amp; L151-L152</td>
<td>8</td>
</tr>
<tr>
<td>Computer Science 131-132</td>
<td>6</td>
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<tr>
<th>Sophomore</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Second-Year English</td>
<td>6</td>
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<tr>
<td>Logic and Speech</td>
<td>6</td>
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<tr>
<td>Language (B.A.) or Humanities (B.S.)</td>
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</tr>
<tr>
<td>Mathematics 261-262</td>
<td>6</td>
</tr>
<tr>
<td>Computer Science 253 or Physics 351</td>
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<tr>
<td>Computer Science Elective</td>
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<tbody>
<tr>
<td>Social Sciences</td>
<td>6</td>
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<tr>
<td>Mathematics 431-432 or 461-462</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics Electives</td>
<td>6</td>
</tr>
<tr>
<td>Computer Science 263 or 333</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science Elective</td>
<td>3</td>
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<tr>
<td>Free Electives</td>
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<td>Mathematics 461-462 or 431-432</td>
<td>6</td>
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<tr>
<td>Free Electives</td>
<td>18</td>
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<td></td>
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</tbody>
</table>
Physical and Computer Science Applications Certificate Program

The Department of Mathematics and Computer Science participates with the Departments of Chemistry and Physics in a certificate program designed for students who have previously earned a Bachelor's degree. The structure of the program provides training in the physical sciences with emphasis in computer science. Students in this program must work closely with assigned program advisors in order to design a particular course sequence which will match individual backgrounds and needs. Core requirements and program descriptions are provided in the Computer Science section of the catalog.

Mathematics Courses

Mathematics 101-102 — Elements of Mathematics I and II. A descriptive survey of interesting problems and topics in modern mathematics, such as number theory, chance, network theory, and the computer, the purpose of which is to give students a glimpse at some of the ideas and issues that have occupied mathematicians. No prerequisite. This course may not be used to satisfy the mathematics requirement of the B.S. or A.B. degree programs. 2 terms — 6 semester hours. Normally offered yearly.

Mathematics 111 — Finite Mathematics I. Topics include truth tables, sets, combinations and permutations, and elements of probability theory. Prerequisite: An adequate background in high school mathematics. 1 term — 3 semester hours. Normally offered each semester.

Mathematics 112 — Finite Mathematics II. Topics include algebra of vectors and matrices, systems of linear equations, linear programming, and various applications of linear algebra. Prerequisite: MATH 111 (recommended). 1 term — 3 semester hours. Normally offered each semester.

Mathematics 113 — Elementary Statistics. A brief review of probability theory, together with an introduction to statistical inference and the treatment of statistical data. Prerequisite: MATH 111. 1 term — 3 semester hours. Normally offered each semester.

Mathematics 143 — Precalculus Mathematics. A review of topics in algebra, trigonometry, and analytic geometry intended for students needing one additional semester of preparation before taking calculus. Prerequisite: At least 3 years of high school mathematics. 1 term — 3 semester hours. Normally offered each semester.

Mathematics 161 — Calculus I. Functions, graphs, analytic geometry of lines and circles, limits, continuity, derivatives, differential calculus of algebraic functions; applications to rate problems, maxima and minima and curve sketching. Prerequisite: Solid preparation in high school algebra and trigonometry or MATH 143. 1 term — 3 semester hours. Normally offered each semester.

Mathematics 162 — Calculus II. Antiderivatives; the definite integral with applications from geometry and physics; logarithmic, exponential, and trigonometric functions; techniques of integration. Prerequisite: MATH 161. 1 term — 3 semester hours. Normally offered each semester.

Mathematics 261-262 — Calculus III and IV. Indeterminate forms, improper integrals, Taylor's formula; infinite sequences and series; vectors in the plane and in three-dimensional space; linear algebra; calculus of vector valued functions; calculus of functions of several variables; partial derivatives, gradients, line integrals, multiple integration, applications. Prerequisite: MATH 162. 2 terms — 6 semester hours. Normally offered each year.

Mathematics 281-282 — Discrete Mathematics I and II. An introduction to graph theory, combinatorics, and selected parts of modern algebra, with emphasis on applications in computer science. Topics include sets, propositions, permutations and combinations, graphs, trees, recurrence relations, groups, and Boolean algebra. Prerequisite: Mathematics 201, which may be taken concurrently. 2 terms — 6 semester hours. Normally offered each year.
Mathematics 341-342 — Probability and Mathematical Statistics I and II. Probability of finite sets; probability and statistics of continuous distributions; statistical inference and statistical models. Prerequisite: MATH 162. 2 terms — 6 semester hours. Normally offered alternate years.

Mathematics 363 — Linear Algebra. Elementary theory of abstract vector spaces. Topics include: linear independence, bases, dimension, linear maps and matrices, determinants, orthogonality, eigenvectors and eigenvalues. Prerequisite: MATH 261 which may be taken concurrently. 1 term — 3 semester hours. Normally offered alternate years.

Mathematics 373 — Ordinary Differential Equations. A first course in differential equations. Topics generally include separable, homogeneous, exact, and linear first order differential equations; integrating factors, higher order linear differential equations, variation of parameters, differential operators, the Laplace transform, inverse transforms, systems of differential equations, power series solutions, Fourier series, applications. Prerequisite: MATH 262. 1 term — 3 semester hours. Normally offered alternate years.

Mathematics 375 — Numerical Methods. An introduction to the use of the digital computer in solving mathematical problems and illustrating mathematical processes. Topics chosen from: finite differences, solution of nonlinear equations, interpolation, quadrature, curve fitting, splines, Monte Carlo methods, error analysis. Prerequisites: CMPSC 132 and MATH 262. 1 term — 3 semester hours. Normally offered alternate years.

Mathematics 393 — Special Topics in Mathematics. Content, prerequisites, and semester hours to be announced.

Mathematics 431-432 — Modern Algebra I and II. Introduction to abstract algebraic structure; groups, rings, integral domains, fields; homomorphisms and isomorphisms; elements of number theory; polynomial rings; Boolean algebras. Prerequisite: MATH 262. 2 terms — 0 semester hours. Normally offered alternate years.

Mathematics 461-462 — Analysis I and II. Set theory, elementary point set topology, and topics chosen from foundations of real and complex analysis. Prerequisite: MATH 262. 2 terms — 0 semester hours. Normally offered alternate years.

Mathematics 564-566 — Advanced Studies in Mathematics. Members of the department will hold conference hours with students and will direct their readings and study of topics in mathematics which may be of mutual interest. Prerequisite: Consent of instructor. 1 term — semester hours to be arranged.

Mathematics 593 — Seminar. Seminars in advanced topics will be offered from time to time by members of the department. Prerequisite: Consent of instructor. 1 term — semester hours to be announced.
Army ROTC is an officer training program contractually agreed to by U.S. Army and Suffolk University as a means of providing junior officer leadership in the interest of national security.

The instructional program for ROTC consists of two parts: the academic major in a recognized degree field, and courses in military science. Specific objectives of the department include: providing the student with an understanding of the nature and operations of the U.S. Army, developing the student's ability to think creatively and to speak and write effectively, encouraging the development of mental and moral standards essential to a professional officer. Laboratory periods allow students to put into practice the theories presented in academic instruction. It cuts across conventional subject boundaries and involves elements of various disciplines designed to encourage the student to interrelate his/her learning and to apply it in reflective thinking, goal setting, and problem solving. The curriculum is unified by the subject-matter areas of leadership and management. The program provides for the precommissioning education of ROTC students and is designed to respond to the particular character and requirements of academic programs of Suffolk University.

Program Options. Military Science Programs are available in the following formats:

Four Year Program. ROTC is a four-year program in which students take one Military Science Course each semester. The first two years comprise the Basic Course. Its purpose is to introduce freshman and sophomore students to such subjects as Organizational Structure of the Army, the Techniques and Principles of Leadership/Management, Military History, and Land Navigation.

After completing the Basic Courses, students who have demonstrated officer potential enter the Advanced Course. Advanced Course students sign a contract with the Army. They must pass a qualifying physical examination and physical fitness test, and maintain a GPA of 2.00 or better. While enrolled in the Advanced Course, all students receive a monthly stipend of $100, up to a maximum of $2,000.

Students may enter the Four-Year Program at the beginning of either semester of the freshman year. Those who begin late must accelerate their course load. Under certain conditions first-semester sophomore students may also enter the basic course by taking both the freshman and sophomore-level courses in their sophomore year.

Freshman-Level Courses:
MLSCI 101 — American Military Heritage (Fall Semester)
MLSCI 102 — Land Navigation (Spring Semester)

Sophomore-Level Courses:
MLSCI 201 — Small-Unit Leadership (Fall Semester)
MLSCI 202 — American Military History (Spring Semester)

Junior-Level Courses:
MLSCI 301 — Small-Unit Tactics (Fall Semester)
MLSCI 302 — Advanced Leadership Clinic (Spring Semester)

Junior/Senior Summer:
MLSCI 303 — Advanced Leadership Laboratory (Fort Bragg, North Carolina)
Senior-Level Courses:
MLSCI 401 — Military Justice and International Law (Fall Semester)
MLSCI 402 — Advanced Leadership Seminar (Spring Semester)

Two-Year Program. This program is designed for transfer students and those who have not had an opportunity to participate in the basic course. Students must have at least two academic years remaining. Entry under this program should be requested by mid-April prior to beginning the junior year. Students attend a six-week basic course at Fort Knox, Kentucky, during the summer between their sophomore and junior years. During this summer period the students receive one-half the basic pay of a lieutenant, prorated for the time of summer service, as well as travel expenses, food and lodging. Upon completion, they are authorized to enter the Army ROTC Advanced Course.

Veterans. Students with prior military service, those who have attended service academies and those with Junior ROTC (high school level) experience may be awarded credit for portions or all of the Basic Course. These students may complete all ROTC requirements in as little as two years, without having to attend the Basic Camp.

Simultaneous Membership Program (SMP). SMP students join the Army Reserve or National Guard at the same time they enroll in Army ROTC. The program provides on-the-job experience for cadets as well as financial compensation from both ROTC and their reserve component unit.

Academic Credit. For successful completion of the four-year ROTC program Suffolk University grants six semester hours of credit applicable toward graduation. Cadets who successfully complete a two-year program are granted three semester hours of credit. Grades earned in Military Science courses are included in the Student’s GPA, but are not used in determination of Dean’s List honors. In the calculation of graduation honors, the average for all ROTC courses is assigned to the six credit hours granted for successful completion of the four-year program.

Service Obligations Basic Course students do not incur any military obligation. They may withdraw from the program at any time, subject to the same rules as withdrawal from any other course.

Advanced Course graduates receive a commission as a Second Lieutenant. Most serve as follows:

a. Reserve Forces Duty (RFD) — Students may elect and be guaranteed this option, under which the officer serves on active duty for 3 to 6 months to complete specialty schooling. The officer then enters a civilian job and becomes a member of the Army Reserve or National Guard. The remainder of the 8-year obligation is spent in the Army Reserve of Army National Guard. It consists of one weekend of training with their unit each month, plus two weeks of active-duty training during the summer each year.

b. Active Duty for Three Years — Most students choose to go on active duty for 3 years followed by 3 years in a Reserve Component in a standby status. The current policy of the Department of Army is that graduates of the Army ROTC will be given this option if requested, if recommended by the Professor of Military Science and the ROTC Region Commander, and if Active Army vacancies exist.

c. Active Duty for Four Years — Students who have accepted an ROTC scholarship will serve on active duty for 4 years.
Military Science Program

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d. Regular Army Commission — Scholarship students and students designated Distinguished Military Students — based on academic standing, ROTC Advanced Camp performance, and demonstrated leadership — may qualify for a Regular Army Commission. A Regular Army Commission denotes an indefinite period of active duty (subject to above minimums).

Army ROTC Scholarships

Army ROTC scholarships for attendance at Suffolk University are offered for three years, two years, and one year. Four-year scholarships are awarded on a world-wide competitive basis to U.S. citizens who will be entering college as freshmen. The three and two-year scholarships are awarded competitively to students who are already enrolled in college and who may or may not currently be enrolled in ROTC. All awards are based on a student’s merit regardless of financial need. The scholarships pay for tuition, textbooks, lab fees, and a living allowance of up to $1,000 each year the scholarship is in effect. The value of the scholarship depends on the tuition and other educational costs of the university or college attended. Benefits at Suffolk University total approximately $5,000 annually.

The following general requirements apply. An applicant must:
1. Be a U.S. Citizen.
2. Be 17 years of age by October 1 of the year in which the scholarship becomes effective.
3. Be able to complete all requirements for a college degree and be under 25 years of age on June 30 of the year in which commissioning will occur.
4. Be able to meet and maintain required medical standards.
5. Agree to serve four years active duty as a commissioned officer if the scholarship is accepted.

Applications should be submitted to the Military Science Department by the student in accordance with the following schedule:
3 year — April 1
2 year — February 16
1 year — October 1

Financial Assistance. Financial Assistance to Army ROTC cadets is provided in various forms. As explained above, scholarships are offered, and Advanced Course students receive a $100 monthly stipend. Other financial assistance includes:
1. Pay at ROTC camps:
   a. Basic Camp — Approximately $650 for the entire six-week period, room and board, plus travel expenses to and from camp.
   b. Advanced Camp — Approximately $650 for the entire six-week period, room and board, plus travel expenses to and from camp.
2. Each ROTC graduate receives an allowance of $300 for the purchase of Army uniforms when he or she reports for active duty.
3. Cadets assisting in the enrollment effort are paid $3 per hour.

Summer Camps and Special Training

A. Summer Camps:
1. ROTC Basic Camp. This camp is mandatory for those students enrolling in the two-year ROTC program (see Two-Year Program category) who have no prior military training. The Basic camp is conducted at Fort Knox, Kentucky, and is a six-week training period which provides instruction equivalent to that received by ROTC stu-
students in the ROTC Basic Course. Successful completion of this camp is necessary for entry into the Advanced Course. Training stresses basic military subjects, but also emphasizes development of leadership and command techniques. Two-year Army ROTC scholarships are available, and application is made while at the Basic Camp. Awards are based upon previous college academic performance and demonstrated performance at the Basic Camp.

2. **ROTC Advanced Camp.** The Advanced Camp is a six-week training period at Fort Bragg, North Carolina. This camp is mandatory for all cadets in the Advanced ROTC program, and is normally attended by cadets during the summer between the junior and senior years of college. During this training period many of the methods and ideas studied in the ROTC classroom are put to test by actual field training. Each cadet is given the opportunity to demonstrate leadership abilities/techniques under these field conditions. Students plan and conduct tactical exercises, learn the operation and maintenance of weapons systems, and engage in land navigation, patrolling exercises, and physical training.

B. **Special Training** (available to enrolled cadets on a space-available basis)

1. **Northern Warfare Training.** This three-week course is designed to familiarize selected small-unit leaders with summer operations in northern areas. Emphasis is placed on movement in mountainous terrain, on glaciers, and on inland waterways. The course is conducted at the Northern Warfare Training Center, Fort Greely, Alaska.

2. **Air Assault Training.** Air Assault Training, a ten-day course conducted by the Air Assault School, 101st Airborne Division (Air Assault), Fort Campbell, Kentucky, teaches the cadet how to perform assault operations from helicopters. Successful completion of this school qualifies the cadet to wear the Air Assault badge.

3. **Airborne Training.** Basic Airborne training, a three-week course conducted by the Airborne Department, United States Army Infantry Center, Fort Benning, Georgia, teaches the cadet how to parachute from aircraft. Successful completion of the course qualifies the cadet to wear basic airborne badge.

4. **Cadet Troop Leader Training (CTLT).** CTLT gives selected advanced-course cadets first hand experience of what it is like to be a Commissioned Officer in the U.S. Army. CTLT provides them with leadership opportunities by assigning them to three weeks of duty with an active Army unit or two weeks of duty with a Reserve Forces unit during its period of annual training.

5. **Ranger Training.** Ranger training for cadets is an intense and physically demanding eleven-week leadership and patrolling course taught at and around Fort Benning, Georgia. The course includes air, mountain and tropical operations. Cadets who complete a minimum of six weeks receive credit for Advanced Camp completion. Those who graduate may wear the Ranger Tab.

6. **Cadet Flight Training and Orientation Program (CFTOP).** CFTOP is a one-month summer program held at Fort Rucker, Alabama, and provides cadets with 15 hours of helicopter flight instruction as well as an orientation on the current and probable future roles of Army aviators. Cadets successfully completing the program who are recommended for further training by their primary flight instructor may request additional flight training upon commissioning.
Military Science Courses

MLSCI 101 — American Military Heritage. (Freshman Level) The mission and organization of the U.S. Army is studied, with emphasis on customs, courtesy, and traditions of the Army, the Army pay and rank systems, career opportunities, future education, and individual service obligations. Offered each semester. 15 contact hours. 1.0 credit.

MLSCI 102 — Land Navigation. (Freshman Level) Use of map and compass as land navigation aids, including discussion of grid coordinates, intersection, resection, pacing, and terrain association. Spring Semester. 15 contact hours. 1.0 credit.

MLSCI 201 — Small Unit Leadership. (Sophomore Level) An examination of the dynamics of leadership, the leader’s role, his duties, and leader/subordinate relationships. The fundamentals of elementary tactics are also covered. Fall Semester. 30 contact hours. 1.5 credits.

MLSCI 202 — American Military History. (Sophomore Level) Students requiring this course will take the History 384 course when it is offered. The course covers the history of American warfare from its inception to the present, stressing the organization and use of armies, concepts of strategy and tactics, and development and use of weapons. Spring Semester. 45 contact hours. 1.5 credits.

MLSCI 301 — Small Unit Tactics. (Junior Level) Study of current tactical doctrine to include planning and conduct of offensive, defensive, and retrograde operations at the squad, platoon and company levels. Emphasis on squad and platoon tactics and operations, including: mission, organization, and composition; formations and movement techniques; troop leading procedures, estimate of the situation, and problem analysis through the use of practical exercises. Additional topics such as “Know Your Enemy”, employment of Combined Arms Teams, and USAF/USN Fire Support. Prerequisite: Basic Course credit. Fall semester. 35 contact hours. 1.5 credits.

MLSCI 302 — Advanced Leadership Clinic. (Junior Level) Classroom, programmed, and practical exercises designed to prepare cadets for maximum individual performance at advanced camp. A field training exercise is conducted at Fort Devens, Massachusetts. This course is required in the Junior Year for all cadets attending advanced summer camp. Prerequisite: Basic Course credit. Spring Semester. 50 contact hours. 1.5 credits.

MLSCI 303 — Advanced Leadership Laboratory. (Junior/Senior Summer) External leadership laboratory conducted at Fort Bragg, North Carolina. Intensive six week schedule includes the practical application of leadership principles in multiple positions at varying levels of responsibility. Students face stressful, demanding situations forcing them to draw upon both physical and mental reserves. Meeting these challenges develops the poise and self-assurance necessary for leadership. Supplemental instruction includes physical conditioning, counseling, senior-subordinate relations, tactical doctrine, international laws of land warfare, and approaches to problem solving. Prerequisite: MLSCI 302. Summer Semester. 6 weeks.

MLSCI 401 — Military Justice and International Law. History of military law; the military justice system, including courts-martial and alternatives to courts-martials; international law governing land warfare, focusing on legal problems encountered by the junior officer. Prerequisite: MLSCI 302. Fall Semester. 30 contact hours. 1.5 credits.

MLSCI 402 — Advanced Leadership Seminar. (Senior Level) A seminar discussion of the issues, problems and challenges likely to confront the newly commissioned Army Lieutenant, to include: military customs, courtesies, management relations, family dislocation, and career planning; responsibilities of an officer on active duty; chain of command; officer-enlisted personnel relationships. The course also includes a study of military professional ethics. Required in the Senior year for all graduating cadets. Prerequisite: Basic Course credit. Spring Semester. 30 contact hours. 1.5 credits.
Philosophy

Department of Philosophy
Professors: Pearl (Chairperson), Outwater, Sahakian, Zuckerstatter
Senior Lecturer: Reiche
Lecturer: Silberman.

Requirements for a major in Philosophy are 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). A detailed program suited to the needs of the individual student will be developed for each Philosophy major. Each major will be guided into appropriate seminars and directed studies.

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 793 — Philosophy of Education, offered by the Department of Education, may be credited toward the major in Philosophy.

Philosophy Courses

Philosophy 113 — Informal Logic.
An informal introduction to correct reasoning, this course deals with the general nature of argument; of aspects of language which have special bearing on logical thought; definition; types of disagreement and methods for resolving them; fallacies; and the elements inductive reasoning. 1 term — 3 semester hours. Offered every year.

Philosophy 114 — Formal Logic.
An introduction to the formal (or semi-formal) study of the basic types of deductive argument (Propositional and Syllogistic Logic). May be elected without previously taking Philosophy 113. 1 term — 3 semester hours. Offered every year.

Philosophy 115 — Introduction to Philosophy I. This course, along with Philosophy 116, is a systematic introduction to some of the major fields, issues, and thinkers of Western philosophy. It will deal with the problem of the nature of philosophy, epistemology (theory of knowledge), and metaphysics. 1 term — 3 semester hours. Offered every year.

Philosophy 116 — Introduction to Philosophy II. A continuation of Philosophy 115, this course will focus on moral philosophy and some related area(s) such as social and political philosophy, aesthetics, and the philosophy of religion. May be elected without previously taking Philosophy 115. 1 term — 3 semester hours. Offered every year.

Philosophy 117 — History of Ancient Philosophy. The study of philosophical thought from the period of the ancient Greek philosophers to the period of the Roman ethical thinkers. This course includes such philosophers as: Socrates, Plato, Aristotle, Epicurus, Zeno, Pyrrho. History of Philosophy is also an excellent introductory course in philosophy and is designed to equip the student with a well-grounded understanding and appreciation of philosophy. 1 term — 3 semester hours. Offered alternate years.

Philosophy 118 — 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, Leibniz, 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. Offered alternate years.

Philosophy 119 — Ethics. A systematic introduction to the major thinkers and positions on the main issues of ethics: What is morality? What are moral values? How do moral judgments differ from other types of statements? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis. 1 term — 3 semester hours. Offered every year.
Philosophy 123 — Social Ethics.
An examination of contemporary Western society, particularly American democracy and culture from the standpoint of various philosophical ideas of justice and the good life. Emphasis is put on current books which exhibit a philosophical approach toward current social issues, and which take into account a wide variety of social trends, life styles, economic pressures, consumer trends, etc. 1 term — 3 semester hours.

Philosophy 124 — Oriental Philosophy.
The exposition and critical evaluation of Hinduism, 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 125 — Business Ethics.
An explanation of the ethical problems, dilemmas, and opportunities in the American and international business world. Classical, modern, and contemporary philosophical approaches will be utilized. No prior philosophical knowledge is required. 1 term — 3 semester hours. Offered alternate years.

Philosophy 126 — Business and Social Responsibility. Social responsibility means concrete action enhancing practical life. Explores the basis for the demand that business rejustify its contribution to the common good. Emphasis is on case studies regarding business’ view of its role in the contemporary world. No prerequisite. 1 term — 3 semester hours. Offered alternate years.

Philosophy 127 — Law, Business and Society. Focuses on business ethics from a legal and philosophic perspective. Topics include: poverty, equal rights, ecology and consumerism. Various professional codes of ethics are examined. No prerequisite. 1 term — 3 semester hours. Offered alternate years.

Philosophy 128 — Philosophy of Democracy and Business. Two fundamental questions of modern political thought: the relation of the individual to the state and the distribution of wealth in society. Conservative, liberal, and radical positions are examined. Readings are taken from Hobbes, Locke, Rousseau, Burke, Marx, and Mill. 1 term — 3 semester hours.

Philosophy 213 — Philosophy of Personality. An evaluative study of the 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 214 — Social and Political Philosophy. An examination of democracy in relation to social mobility, economics, the political process in the American community. Readings from both historical and contemporary thinkers: Plato, Aristotle, Machiavelli, Rousseau, Jefferson, Thoreau, Marx, Mussolini, Hitler and others. 1 term — 3 semester hours. Offered alternate years.

Philosophy 215 — Philosophy of Religion. Considers such subjects as religious values, conceptions of God, arguments for God, ways of knowing God, the problem of good and evil, human purpose, and the immortality of the soul. No previous courses in Philosophy required. 1 term — 3 semester hours. Offered alternate years.

Philosophy 216 — 19th Century Philosophy. 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, Browne, Marx, Spencer, and Comte. 1 term — 3 semester hours. Usually given alternate years.

Philosophy 217 — Philosophy of Life. To enable the student to develop and formulate his/her own philosophy of life by gaining an appreciation of major philosophies of life. Examples of philosophies of life include the stoical outlook on life, pleasure philosophies of life, pessimistic philosophies of life, and the happiness philosophies of life. 1 term — 3 semester hours.

Philosophy 218 — The Golden Age of Greek Philosophy. Philosophy in Greece reaches its height in Athens. Philosophies of Socrates, Plato, Aristotle, and other Athenians who profoundly influenced philosophy throughout the ages are studied. 1 term — 3 semester hours.
Philosophy 219 — 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 interpretation and understanding of literature, as well as an appreciation of the aesthetic expression of philosophical ideas. 1 term — 3 semester hours. Usually offered alternate years.

Philosophy 313 — Philosophy of Mind. Deals with a cluster of issues related to the concept of consciousness; the relationship of consciousness to the physical world; the consciousness of machines; personal identity; personal survival; free will vs. determinism, etc. Important historical as well as contemporary analytic views will be discussed. Prerequisite: Philosophy 115 or 117 or 118. 1 term — 3 semester hours. Usually given alternate years.

Philosophy 314 — Contemporary Philosophy. 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 alternate years.

Philosophy 315 — 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, Browne, Royce, James, Perry, Santayana, Peirce, Dewey and Brightman. 1 term — 3 semester hours. Usually given alternate years.

Philosophy 413 — Seminar in Philosophical Psychology. An in-depth study of one psychologist, using original texts, commentaries, and biographical material, in order to evaluate his/her work on a philosophical level. Choice of psychologist differs each year, from a list including Freud, Jung, May, Fromm, Adler, Bettelheim, Bakan, Hillman, and others. Prerequisite: 6 semester hours or consent of instructor. 1 term — 3 semester hours. Usually given alternate years.

Philosophy 414 — Philosophy of Rousseau. A detailed examination of the life and thoughts of Jean-Jacques Rousseau (b. 1712) and the significance of the 19th Century Romanticism in relation to the Enlightenment. Special emphasis on the myth of the noble savage. 1 term — 3 semester hours. Offered alternate years.

Philosophy 514 — Advanced Topics in Philosophy. Students with some background in Philosophy with a special interest in areas of Philosophy which cannot be covered in regularly offered courses will be guided by senior members of the department. Prerequisite: Some background in Philosophy and the consent of the instructor. Primarily for Philosophy majors. 1 term — 3 semester hours.

Philosophy 515 — Directed studies in Philosophy. A member of the Department of Philosophy will hold conference hours with advanced students who have special interest and will direct their reading in areas of philosophical research which may be of interest to them. Instructor’s permission required. 1 term — 3 semester hours.
Physical Education

Department of Physical Education
Assistant Professor: Nelson (Director and Chairperson).

Athletics (Varsity) — S.U. sponsors varsity intercollegiate teams in Basketball, Baseball, Golf, Tennis, Ice Hockey and Cross-Country for men and Basketball, Cross-Country and Tennis for women. The University is a member of the National Collegiate Athletic Association, The Eastern Collegiate Athletic Conference, the New England College Athletic Conference, and The Massachusetts Association of Intercollegiate Athletics for Women. Athletics (Intramurals) — Intramural Sports are offered for both men and women at Suffolk University. Included in the program are Flag Football, Basketball, Weight-Lifting, Handball, Softball and Tennis. A Clinic is held for Tennis. There is also a swimming program.

Physical Education Courses


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. Offered evenings.
Physics

Department of Physics
Professors: Johnson (Chairperson), Marshall
Associate Professor: Feldman
Assistant Professor: Garneau
Lecturers: Dokos, Goodman, Gralla, Kafel, Kochocki, Sloan, Walsh.

The Physics Department offers several programs leading to a B.S. or A.B. degree:
**Physics and Physics/Computer Science.** Combined "3-2" programs in Computer Engineering and Electronic Engineering are offered in conjunction with a cooperating university. A choice of program does not have to be made until the Junior Year. Each student, however, should discuss his/her program with the Chairperson of the Physics Department as early as possible.

Capable students are encouraged to participate in one of several undergraduate research projects during their Junior and Senior Years. Students may choose solar energy research involving microprocessor controlled sun-tracking solar panels located at the Boston campus and the university's research station near Cobscook Bay in Maine. There are also research projects involving CAMAC data acquisition systems and gamma radiation studies using the university's large Gammacell 220 Cobalt 60 source. Majors are encouraged to participate in the students club, the Society of Physics Students, which has been successful in obtaining research grants to support student research. Physics Majors take part in field trips to the university's research station in Maine and also attend the spring meeting of the New England American Physical Society where students may present papers based on their research work.

Particular courses must be selected in order to fulfill (1) general requirements for all undergraduates in the College of Liberal Arts (see p. 35), (2) core requirements of the major, (3) related electives selected by the Physics department, and (4) free electives.

Many courses required for a major in Physics are not offered every year in the Evening Division. As a result, an Evening Division student who chooses to major in Physics must plan his or her program carefully with the Chairperson of the Department in order to avoid unnecessary delays in completion of course requirements.

A transfer student must see the Chairperson of the Department to determine which courses may be accepted for credit toward requirements of the Physics major. A minimum of 16 hours of the core requirements must be taken at Suffolk University.

**Requirements for a Major in Physics**

**Core Requirements:**

**Physics:**
- Physics 151, 152, L151, L152 (University Physics and laboratory)
- Physics 303 or Physics 311 (Digital Electronics or Integrated Circuits)
- Physics 361, 362 (Classical Mechanics)
- Physics 471, 472 (Electricity and Magnetism)
- Physics 451, 452 (Modern Physics)
- Physics 455 (Advanced Laboratory)

**Mathematics:**
- Mathematics 161, 162, 261, 262 (Calculus I, II, III, IV)
- Mathematics 373 (Ordinary Differential Equations)

**Chemistry:**
- Chemistry 111, 112, L111, L112 (General Chemistry I, II and laboratory)

**Computer Science:**
- Computer Science 131, 132 (Computer Programming I, II)
- Computer Science 253 (Computer Systems) or Physics 351 (Microprocessors)
## Bachelor of Science in Physics*

*(Suggested Course Sequence)*

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<thead>
<tr>
<th>Semester</th>
<th>Course Title</th>
<th>Hrs.</th>
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<tbody>
<tr>
<td>Freshman</td>
<td>University Physics and Lab</td>
<td>8</td>
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<td></td>
<td>Computer Programming I, II</td>
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<td>Freshman English I, II</td>
<td>6</td>
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<td>Calculus I, II</td>
<td>6</td>
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<td>Freshman Integrated Studies</td>
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<tr>
<td>Sophomore</td>
<td>Electronics Elective</td>
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<td>Science Elective</td>
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<td>Social Science Option I, II</td>
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<td>Calculus III, IV</td>
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<td></td>
<td>Computer Science Elective</td>
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<td></td>
<td>General Chemistry I, II and Lab</td>
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<tr>
<td>Junior</td>
<td>Classical Mechanics I, II</td>
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<td></td>
<td>English Option</td>
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<td></td>
<td>Ordinary Differential Equations</td>
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<td>Logic, Speech</td>
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<td></td>
<td>Computer Science Elective</td>
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<td>Humanities Option I, II</td>
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<td>Senior</td>
<td>Electricity and Magnetism I, II</td>
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<td>Modern Physics I, II</td>
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<td>Advanced Lab</td>
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<td>Free Electives</td>
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*Students intending to pursue graduate level work in Physics are strongly advised to take Quantum Mechanics I, II and consult the Department Chairperson when considering appropriate electives.

## Computer Science and Physics Program

A student with strong interests in both Computer Science and Physics may follow the suggested course sequence below. The resulting major is called Physics/Computer Science and is designed to provide sufficient competence in the areas of Physics and Computer Science to allow a student to enter either field following graduation.

The Computer Science electives should be chosen following consultation and approval by the student’s Faculty Advisor.

### Core Requirements:
The core requirements in Physics, Mathematics and Chemistry are the same as listed for a major in Physics.

### Computer Science:
- Computer Science 131, 132 (Computer Programming I, II)
- Physics 351, 352 (Microprocessors I, II)
- Computer Science 333 (Organization of Programming Languages) or Computer Science 263 (Introduction to File Processing)
- Computer Science Language Elective
### Bachelor of Science in Physics/Computer Science (Suggested Course Sequence)

<table>
<thead>
<tr>
<th>Year</th>
<th>Sem. Hrs.</th>
<th>Course</th>
<th>Hours</th>
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<tr>
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<td>Freshman Integrated Studies</td>
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<td>32</td>
</tr>
<tr>
<td>Sophomore</td>
<td></td>
<td>Electronics Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Microprocessors I, II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Social Science Option I, II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Calculus III, IV</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>General Chemistry I, II and Lab</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>29</td>
</tr>
<tr>
<td>Junior</td>
<td></td>
<td>Classical Mechanics I, II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>English Option</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ordinary Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Logic, Speech</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Computer Science Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Humanities Option I, II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Senior</td>
<td></td>
<td>Electricity and Magnetism I, II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Social Science Option III</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Modern Physics I, II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Humanities Option III</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Advance Lab</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Computer Science Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free Elective</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>32</td>
</tr>
</tbody>
</table>

### A.B. in Physics or Physics/Computer Science

The A.B. degree in Physics may be obtained by replacing Humanities Option I, II with a two-semester Foreign Language sequence.

### Grade Point Requirements

To graduate from Suffolk University with a Bachelor’s degree in Physics or Physics/Computer Science a student must have a minimum cumulative grade point average of 2.25 in all Physics and related science core requirements.

### Five Year Programs in Computer Engineering and Electronic Engineering

A student may major in Computer Engineering or Electronic Engineering by taking the first three years of course work at Suffolk University and the last two years at a cooperating Engineering institution (currently the University of Notre Dame). This combination five-year program between the College of Liberal Arts and Sciences at Suffolk University and the College of Engineering at the participating university enables the student to acquire degrees from both colleges. Upon graduation the student receives a Bachelor of Science from Suffolk University and a Bachelor of Science from the cooperating institution in either Computer Engineering or Electronic Engineering.

The course requirements in the first three years at Suffolk University are the same as shown for the degree in Physics/Computer Science except that an additional elective must be taken in the Sophomore Year. The student must plan his or her program with the approval of the Department Chairperson so that degree requirements at both universities are satisfied at the end of the five year period. A 3.0 grade point average must be maintained in all Physics and related science core requirements at Suffolk University to participate in this program.
Physics Courses

Physics 103 — Physics Shop. Laboratory experience in proper selection, use and care of tools for working with wooden and metal materials. Experience also includes soldering techniques, and preparation of cables and of printed circuit boards. 1 term — 1 semester hour. Normally offered yearly.


Physics L111-L112 — College Physics Laboratory. Fundamental laboratory experimental measurements illustrating the basic concepts of mechanics, heat, sound, electricity, magnetism and light and use of the computer. 2 terms — 2 semester hours. Normally offered yearly.

Physics 151-152 — University Physics. The topics of Physics 111-112 will be treated, with calculus. This course is a prerequisite for all advanced physics courses. Physics 111-112 and Physics 151-152 cannot both be used to satisfy degree requirements. Prerequisite: Math. 101-102 which may be taken concurrently. 2 terms — 6 semester hours. Normally offered yearly.

Physics L151-L152 — University Physics Laboratory. Fundamental laboratory experimental measurements illustrating the basic concepts of mechanics, heat, sound, electricity, magnetism, and light and use of the computer and calculator. 2 terms — 2 semester hours. Normally offered yearly.

Physics 201 — Special Topics in Physics. Subjects of current interest are treated at a mathematical level to be specified by the instructor. Enrollment with consent of instructor. 1 term — 2 semester hours. Normally offered alternate years.

Physics 211-212 — 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 262. 2 terms — 6 semester hours. Normally offered alternate years.

Physics 221 — Heat and Thermodynamics. Temperature, thermodynamic systems, work and the laws of thermodynamics, reversibility, irreversibility, entropy, thermodynamic state functions, and applications to special systems. Prerequisite: Math. 262. 1 term — 3 semester hours. Normally offered alternate years.


Physics 303 — Digital Electronics. Introduction to modern electronics, basic operation of D.C. and A.C. circuits, semiconductors, transistor operation, logic gates, Boolean algebra, operational amplifiers and applications. 3 hours lecture, 4 hours laboratory. Prerequisite: Physics 112 (or Chemistry 314). 1 term — 4 semester hours. Normally offered alternate years.

Physics 311-312 — Integrated Circuits. Theory and application of logic gates. Boolean algebra; study of inverters, comparators, flip flops, multiplexors, amplifiers, families of integrated circuits, and A/D and D/A conversion. 3 hours lecture, 4 hours laboratory. Prerequisites: Physics 112. 2 terms — 8 semester hours. Normally offered alternate years.


Physics 351-352 — Microprocessors I, II. Study of number systems and codes, microcomputer architecture, machine language programming on different processors, construction of a working microcomputer, A/D and D/A conversion, interfacing of peripherals, and control of external devices and interrupt servicing. Prerequisites: Computer Science 131, 132 and Physics 112 or consent of instructor. 2 terms — 6 semester hours. Normally offered yearly.

Physics 361-362 — Classical Mechanics. An introduction to the elements of classical mechanics. Newtonian mechanics, motion and force, frames of reference, momentum and energy, conservation relations, linear oscillations, central forces, orbits, angular momentum, rotating bodies, Hamilton's principles and Lagrange's equations. Prerequisite: Math. 373 which may be taken concurrently. 2 terms — 6 semester hours. Normally offered alternate years.

Physics 451-452 — Modern Physics I, II. Atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics, and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay, and high energy physics. Prerequisite: Physics 361, 362. 2 terms — 6 semester hours. Given alternate years.

Physics 455 — Advanced Laboratory. Classical and modern experiments in physics; Millikan Oil Drop, Frank Hertz experiment, Zeeman effect, Mössbauer experiment, nuclear spectroscopy, nuclear magnetic resonance, electron spin resonance, laser diffraction and CAMAC data acquisition experiments. Prerequisites: Physics 311, 112, 451, 452 or equivalent. 1 term — 2 semester hours.

Physics 461-462 — Quantum Mechanics I, II. Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. Prerequisite: Physics 361, 362. 2 terms — 6 semester hours. Normally offered alternate years.


Physics 513 — Advanced Studies in Physics. Directed reading, lectures, seminar and research in selected areas of special interest.

Astronomy Courses

Science 111 — Introduction to Planetary Astronomy. History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon, planets, comets, asteroids, meteorites; space programs, science and technology in society. Observations and photographic sessions with Celestron 8 inch cassegrain and 2 inch refractors. For non-science majors. Fall term — 3 semester hours. Normally offered yearly.

Science 112 — Introduction to the Universe. Astronomy of the cosmos; Sun, stars, interstellar material, galaxies, pulsars, quasars, black holes; nature of time, relativity, cosmology. Observations and photographic sessions with Celestron 8 inch cassegrain and 2 inch refractors. For non-science majors. Spring term — 3 semester hours. Normally offered yearly.

Science L111-L112 — Astronomy Laboratory. Laboratory utilizing observational astronomical techniques both in the classroom and under the stars using telescopes and astrophotography. Some labs meet evenings. Lab should be taken in conjunction with Sci. 111, 112. 2 terms — 2 semester hours. Normally offered yearly.
Psychological Services

Professor: Garni (Chairperson)
Associate Professors: MacVicar, Korn
Assistant Professor: Mattei.

Psychological Services Courses

Psychological Services 503 — Interpersonal Relations. An opportunity to develop better communication skills and increase self-awareness through readings and discussions of the ways members experience themselves and others in social interaction within and outside of the group. Instructor's consent. Course taught on Pass-Fail basis. Normally offered every term. 3 semester hours.

Psychological Services 504 — Helping Skills: Theory and Practice. An opportunity for upper-level undergraduates interested in human services to learn basic models and methods of the helping process. Teaching format includes lecture, discussion, role-play and video-feedback. Instructor's consent. Normally offered every term. 3 semester hours.

Psychological Services 505 — Career Choices & Life Goals. This course provides an opportunity for individual assessment of work interests, skills, and values; for career exploration; and for the integration of this self-knowledge and career information into a personal career and life plan. Normally offered every term. 3 semester hours.

Psychological Services 513 — Independent Study. Academically qualified students, in collaboration with a department member, may design a library and field research project in psychological services. Submission of a written project proposal is required prior to enrolling. Normally offered yearly. 3 semester hours.
Psychology

Department of Psychology

Professors: Lloyd (Chairperson), Katz, Raben, Webb, Wetherbee
Associate Professors: Hannah, Williams.

The 11 psychology courses required for the major are of three types: (1) core requirements (four courses); (2) concentration requirements (four courses); and (3) psychology electives (three courses). The total semester hours required for the psychology major range from 35 to 37, depending upon the number of 3- or 4-credit courses a student takes as concentration and major elective courses.

Four subject area concentrations are offered to provide students with the opportunity to follow their own particular interests within the field of psychology: Mental Health, Industrial/Organizational, Human Development, and Comprehensive. Students must complete four of five prescribed courses in whichever concentration they elect (see specific requirements below).

In addition, the Department offers a combined program in Psychology/Computer Science (see requirements below). This program is jointly sponsored by the Psychology Department and the Department of Mathematics and Computer Science. It should be of particular interest to students preparing to work in business or industry and those interested in research applications and/or graduate study in psychology.

The psychology major is available for students enrolled in the evening program (see specific requirements below).

The Department sponsors a Psychology Club and a chapter of Psi Chi, the national honor society in psychology, as well as several awards to outstanding majors. More specific information is available in the Department office.

General Psychology is a prerequisite for most Psychology courses (see individual course descriptions for this information). Laboratories and Workshops designated "X" carry no lab fee; those designated "L" do.

The requirements for the Psychology major within the four concentration areas, for the interdisciplinary Psychology-Computer Science program, and for the evening program are described below.

Mental Health Concentration

The Mental Health Concentration is designed for students who are considering a human-services oriented career or graduate study in counseling, school psychology, or psychiatric social work. Students selecting the Mental Health Concentration must take the courses listed below:

**Core Requirements:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 113, X113 Psychology and Contemporary Living (and Workshop)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 114 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 213, L213 Introduction to Experimental Psychology (and Laboratory)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 215, X215 Statistics and Research Design (and Laboratory)</td>
<td>4</td>
</tr>
</tbody>
</table>
### Concentration Courses:
Students must take four of the five courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 225 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 226 Theories of Personality</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 353 Psychological Testing</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 356 Behavior Modification</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 573 Practicum in Psychology</td>
<td>4</td>
</tr>
</tbody>
</table>

### Major Electives:
Students must take three major elective courses. *(Note: majors may count no more than one of the psychology courses whose second digit is “0” toward the major.)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
</tbody>
</table>

### Industrial/Organizational Concentration
The Industrial/Organizational Concentration is designed for students who are interested in personnel, management, or consumer behavior applications. Students selecting the Industrial/Organizational Concentration must take the courses listed below:

#### Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 113, X113 Psychology and Contemporary Living (and Workshop)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 114 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 213, L213 Introduction to Experimental Psychology (and Laboratory)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 215, X215 Statistics and Research Design (and Laboratory)</td>
<td>4</td>
</tr>
</tbody>
</table>

### Concentration Courses:
Students must take four of the five courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 224 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 243 Industrial Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 244 Organizational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 343 Personnel Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 573 Practicum in Psychology</td>
<td>4</td>
</tr>
</tbody>
</table>

### Major Electives:
Students must take three major elective courses. *(Note: majors may count no more than one of the psychology courses whose second digit is “0” toward the major.)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
</tbody>
</table>

### Human Development Concentration
The Human Development Concentration is designed for students who are interested in working with adequately functioning individuals in a particular age group — infants, children, adolescents, adults, or the elderly. Students selecting the Human Development Concentration must take the courses listed below:

#### Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 113, X113 Psychology and Contemporary Living (and Workshop)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 114 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 213, L213 Introduction to Experimental Psychology (and Laboratory)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 215, X215 Statistics and Research Design (and Laboratory)</td>
<td>4</td>
</tr>
</tbody>
</table>
Concentration Courses:
Students must take four of the five courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 233 Child Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 234 Psychology of Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 236 Psychology of the Modern Family</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 333 Adult Psychology and Aging</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 573 Practicum in Psychology</td>
<td>4</td>
</tr>
</tbody>
</table>

Concentration Requirements:
Students must take four of the five courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 224 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 226 Theories of Personality</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 323 Brain and Behavior</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 325 Experimental Psychology/</td>
<td>4</td>
</tr>
<tr>
<td>Learning (and Laboratory)</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 423 History of Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Major Electives:
Students must take three major elective courses. *(Note: majors may count no more than one of the psychology courses whose second digit is ‘0’ toward the major.)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
</tbody>
</table>

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Comprehensive Concentration
The Comprehensive Concentration is designed for students who want a broad background in psychology and for those who are interested in graduate school in any area of psychology (clinical, industrial, developmental, social, experimental, etc.). Students selecting the comprehensive concentration must take the courses listed below:

Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 113, X113 Psychology and</td>
<td>4</td>
</tr>
<tr>
<td>Contemporary Living (and Workshop)</td>
<td></td>
</tr>
<tr>
<td>Psychology 114 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 213, L213 Introduction to Experimental Psychology (and Laboratory)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 215, X215 Statistics and Research Design (and Laboratory)</td>
<td>4</td>
</tr>
</tbody>
</table>

Note: Students who plan to apply for graduate study in psychology (not social work or counselor education) are advised to inform their advisors of this fact as early as possible. These students should arrange their schedules so as to have completed Psychology 215 and X215 as well as either or both Psychology 325 and L325 and Psychology 327 and L327 by the end of the first semester of their senior year in order for their applications to be considered by prospective graduate schools. Students who plan to apply for graduate study in psychology must also usually take the Graduate Record Examination (Verbal, Quantitative, and Advanced Test in Psychology sections) by December of their senior year.
Psychology-Computer Science Program

In addition to the liberal arts requirements for the A.B. or B.S. degree and the 11 courses required in Psychology, 18 semester hours in Computer Science courses are required (12 hours taken in lieu of Related Electives and 6 hours taken as Free Electives). This program is especially relevant to students in the Industrial/Organizational and Comprehensive concentrations, but it is open to majors in any of the four concentrations. To ensure that students select computer science courses (where such options are specified) which are most relevant to the psychology major and their goals upon graduation, students must plan these courses in consultation with the Computer Science Advisor in Psychology (Dr. Webb) and with their regular major advisor.

Required Courses in Computer Science:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. CmpSc. 131 Computer Programming I</td>
<td>3</td>
</tr>
<tr>
<td>2. CmpSc. 132 Computer Programming II</td>
<td>3</td>
</tr>
<tr>
<td>3. CmpSc. 253 Introduction to Computer Systems</td>
<td>3</td>
</tr>
<tr>
<td>or Phys. 351 Microprocessors I</td>
<td>3</td>
</tr>
<tr>
<td>4. CmpSc. 263 Introduction to File Processing</td>
<td>3</td>
</tr>
<tr>
<td>or CmpSc. 333 Organization of Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>5. Specified Elective Course*</td>
<td>3</td>
</tr>
<tr>
<td>6. Specified Elective Course*</td>
<td>3</td>
</tr>
</tbody>
</table>

*Additional courses totalling six hours must be chosen from a list of computer courses approved by the Chair of the Department of Mathematics and Computer Science (specific information about this program may be obtained in the Psychology Department office).

Psychology Major for Evening Students

The Psychology major for Evening Students is designed for students who want a relatively broad background in psychology. Several courses listed as Mental Health, Industrial/Organizational, and Human Development Concentration requirements are rotated over a four-year span so that students who have an interest in one of these areas can take such courses as major electives. Evening Students must take the courses listed below:

Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 113, Psychology and Contemporary Living</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 114 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 213, L213 Introduction to Experimental Psychology (and Laboratory)</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 215, X215 Statistics and Research Design (and Laboratory)</td>
<td>4</td>
</tr>
</tbody>
</table>

Evening Concentration Requirements:

Students must take four of the five courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 223 Psychology of Human Development</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 224 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 225 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 226 Theories of Personality</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 578 Directed Study in Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Major Electives:

Students must take three major elective courses. (*Note: majors may count no more than one of the psychology courses whose second digit is “0” toward the major.)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Psychology elective course</td>
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<tr>
<td>Psychology elective course</td>
<td>3</td>
</tr>
</tbody>
</table>

35
Psychology Courses

Psychology 103 — Psychology of Sports. Applies psychological principles to modern sports. Looks at sports from perspectives covering several interpretations — i.e., competition, recreation, the media, entertainment, and sports as big business. Guest speakers and attendance at sporting events may be included. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 104 — Psychology and Modern Parenting. Explores the psychological issues related to the many forms and aspects of parenting in modern society. Also considers various approaches to child-rearing, integrating them with general psychological concepts. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 105 — Psychology of Love and Intimacy. Treats problems of defining and understanding love and intimacy by surveying empirical data on these topics. Reviews historical approaches to the psychology of love and develops a thematic approach to the subject. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 106 — Psychology and the Media. Explores the positive and negative effects of the media on cognitive, emotional, and social functioning. Primary focus is on electronic media. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 113 — Psychology and Contemporary Living. Explores psychological issues which are important to students in their everyday lives. Topics include self-concept, values, interpersonal relationships, love, sexuality, and work. Relevant psychological theory and research will be presented. Required for Psychology majors. 1 term — 3 semester hours. Normally offered every semester.

Psychology X113 — Workshop in Contemporary Living. Exercises are offered which provide students with opportunities for greater insight into their own personality, behavior, and interpersonal relationships. May be taken concurrently or after 113. Required for Psychology majors, optional for others. 1 term — 1 semester hour. Normally offered every semester.

Psychology 114 — General Psychology. Introductory-level survey of concepts and representative findings in the major sub-fields of psychology: history and systems, physiology, perception, thinking, emotion, learning, motivation, development, personality, psychopathology, psychotherapy, and social behavior. Required for Psychology majors. 1 term — 3 semester hours. Normally offered every semester.

Psychology 213 — Introduction to Experimental Psychology. A presentation of the achievements, theories, and methods of the experimental approach to psychology. Focuses on representative subject areas of perception, sense systems, learning and cognition. Concurrent enrollment in L213 required. Required for Psychology majors. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology L213 — Laboratory: Introduction to Experimental Psychology. Experiments and demonstrations to illustrate the methods and phenomena introduced in the lecture portion of the course. Concurrent enrollment in Psychology 213 required. Required for Psychology majors. 1 term — 1 semester hour. Normally offered yearly.

Psychology 215 — Statistics and Research Design. An introduction to the use of statistics as tools for description and decision-making, including methods of research design and hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Concurrent enrollment in L215 is required. Required for Psychology majors. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology X215 — Laboratory: Statistics and Research Design. Problems assigned in the laboratory are related to the particular statistics being considered in class. Problems in research design are done as take-home assignments. Concurrent enrollment in Psychology 215 required. Required for Psychology majors. 1 term — 1 semester hour. Normally offered yearly.
Psychology 223 — Psychology of Human Development. Emphasizes individual growth and the influence of environment on infancy, childhood, adolescence, young adulthood, middle age, and old age. Aspects of growth — physical, intellectual, emotional, social — are treated as related to the development of personality. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered in alternate years.

Psychology 224 — Social Psychology. Studies the social determinants of human behavior and surveys current findings in such major content areas as attitudes, prejudice, conformity, obedience, leadership, interpersonal attraction, altruism, and aggression. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 225 — Abnormal Psychology. Studies the dynamics of abnormal behavior, as exemplified in the neuroses and organic functional psychoses. Case material is presented to illustrate the various types of behavior and familiarize students with clinical procedures. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 226 — Theories of Personality. Surveys the major theoretical approaches to personality as seen in the systems of Freud, Jung, and Adler, as well as representative theorists of the cultural, ego-oriented, behavioralistic, and humanistic viewpoints. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 233 — Child Psychology. Examines physical, cognitive, emotional, and social development in the child. Surveys major theoretical approaches including Freudian, Eriksonian, behavioristic, and Piagetian. Major focus is on normal development. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 234 — Psychology of Adolescence. Examines early and late adolescent development. Major areas of attention include physical, cognitive, emotional and social development, with emphasis on normal personality development and ego identity. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 235 — Psychology of Being Male and Female. Explores similarities and differences in female and male personality and behavior. Psycho-biological and socio-cultural determinants are considered. Topics include sex-role stereotypes and development; sex-role influences on self-concept, mental health, sexuality. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 236 — Psychology of the Modern Family. Focuses on the modern family as a psychological unit, exploring its strengths and weaknesses; roles and relationships; its effective and ineffective functioning. Special emphasis will be given to parenting and family therapies. 1 term — 3 semester hours. Normally offered yearly.

Psychology 243 — Industrial Psychology. Explores ways in which the work-effectiveness of individuals may be enhanced. Emphasis is placed on the four spheres of Industrial Psychology — organizational behavior, personnel functions, human engineering in the work place, and consumer psychology. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 244 — Organizational Psychology. Applies psychological theory and research to understanding and managing individual and group behavior in work settings. Focus is on organizational structure and its influence on human behavior as well as managerial styles and decision-making. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 323 — Brain and Behavior. Explores the organic basis for human and animal behavior. Specifically treats nervous system and brain function, emotion, drives, and stress. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology L325 — Laboratory: Experimental Psychology/Learning. Laboratory exercises demonstrate principles discussed in the lecture portion of the course, including verbal and cognitive tasks with humans and operant conditioning with animals. Concurrent enrollment in Psychology 325 required. 1 term — 1 semester hour. Normally offered yearly.

Psychology 326 — Experimental Psychology/Social. In-depth study of such topics as aggression, conformity, obedience, inter-personal attraction, sex roles, pro-social behavior. Experimental methodology is emphasized. Students plan and carry out individual research projects. Concurrent enrollment in Psychology X326 required. Prerequisites: Psychology 114 and 224. 1 term — 3 semester hours. Normally offered alternate years.

Psychology X326 — Laboratory: Experimental Psychology/Social. Students help design and carry out several small research projects in selected areas of social psychology. Concurrent enrollment in Psychology 326 required. 1 term — 1 semester hour. Normally offered alternate years.

Psychology 327 — Experimental Psychology/Perception. Studies the experimental method in the investigation of sensory and perceptual mechanisms. Theoretical approaches are introduced and related to relevant experimental research. Students plan and carry out individual projects. Concurrent enrollment in Psychology L327 required. Prerequisite: Psychology 114; Recommended: Psychology 213. 1 term — 3 semester hours. Normally offered alternate years.

Psychology L327 — Laboratory: Experimental Psychology/Perception. Laboratory exercises demonstrate principles and phenomena introduced in the lecture portion of the course, with particular emphasis placed on visual mechanisms and illusions. Concurrent enrollment in Psychology 327 required. 1 term — 1 semester hour. Normally offered alternate years.

Psychology 333 — Adult Psychology and Aging. Considers developmental tasks in the psycho-social sphere which confront individuals and groups in the span of life from young adulthood to death. Special attention is paid to the problems of the aged. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 343 — Personnel Psychology. Focuses on recruiting, screening, placement, performance assessment, training, and career development of personnel in business and industry in order to match abilities and tasks. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 344 — Humans, Machines, Environments. Covers the major human characteristics, design variables, and environmental factors that influence the development and functioning of human/machine systems of various types. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered alternate years.


Psychology 354 — Humanistic Psychology. Explores psychological “health,” “growth,” self-actualization, and existential approaches to the study of personality. Theories of Rogers, Maslow, and Frankl are given special emphasis. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 355 — Comparative Psychotherapies. Explores counseling and psychotherapeutic processes including psychodynamic, learning, cognitive, phenomenological, existential, and group approaches. Emphasis is also placed on related theories of psychopathology. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 356 — Behavior Modification. Introduction to the basic concepts of behavior modification. Behavior modification programs in mental health, education, and correctional settings are surveyed. Legal and ethical issues are considered. Students plan and carry out self-modification projects. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.
Psychology 357 — Community Psychology. Examines design and delivery of human services in the areas of urban planning, drug addiction, mental illness, family life centers, and half-way houses. Attention is also given to funding issues. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 358 — Psychology of Rehabilitation. Includes an historical survey of the field of rehabilitation beginning with emphasis on vocational rehabilitation for the physically handicapped to the present broadened concept of rehabilitation principles applied to the total community setting. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 363 — Environmental Psychology. Examines the ways psychotechnology can improve the human-environment interface. Built environments such as housing, educational, recreational, medical, industrial, and governmental facilities are viewed as systems-design problems. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 423 — History of Psychology. Historical treatment of major developments in psychology, with primary focus on various schools and theories of psychology including structuralism, functionalism, behaviorism, associationism, gestalt, field theory, psychoanalysis, phenomenology, and existentialism. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered yearly.

Psychology 433 — Psychological Disorders of Childhood and Adolescence. Considers psychological determinants of disturbed behavior in children and adolescents, with attention to organic and constitutional factors. Major focus is on childhood. Prerequisite: Psychology 114; Recommended: Psychology 233 or 234 or Psychology 223. 1 term — 3 semester hours. Normally offered yearly.

Psychology 453 — Group Dynamics. An historical treatment of the development of group process in the field of psychology. Includes T-group methods, psychodrama and role-playing. Treats present trends found in sensitivity training, encounter, experience and therapy groups. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 463 - Psychology of Consciousness. Considers problems of definition, measurement, and evaluation of consciousness; explores relationship of consciousness to a wide range of phenomena including sleep, dreams, levels of attention, perceptual modes of awareness, altered states, and possible physiological correlates. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 464 - Futuristic Psychology. Looks at the present in the light of the past and speculates about the future. Using the Bible, Wells, etc., and science fiction, various viewpoints on the conditioning of human species are explored. Prerequisite: Psychology 114. 1 term — 3 semester hours. Normally offered alternate years.

Psychology 573-574 — Practicum in Psychology. Field work placement of eight hours per week, under supervision. Includes seminar and individual conferences. Open to advanced students with at least 15 hours of Psychology by consent of instructor. Only four semester hours credited toward the major. 1 or 2 semesters — 4 semester hours each term. Normally offered every semester.

Psychology 576 — Honors Seminar. Intensive reading/discussion of major issues and areas in Psychology. Students write papers based on research or reading in areas of interest. Open by invitation to junior and senior majors with high academic standing. 1 term — 3 semester hours. Normally offered yearly.

Psychology 578 — Directed Studies in Psychology. By special arrangement, individual faculty members will direct a student’s reading/research in an area of special interest. Open to junior and senior majors by consent of instructor and with approval of department chairperson. 1 term — 3 semester hours.
All Science courses must be taken with their respective laboratories unless otherwise noted or waived by written permission of the Biology or Physics Department Chairperson.

**Science 101-102 — Introduction to Physical Science.** Designed to acquaint non-science majors with physical science. Topics drawn from astronomy, physics, and chemistry, including questions relating to the nature of matter, physical laws, and the structure of the universe. *Prerequisite: An adequate background in high school mathematics is desirable.* 2 terms — 6 semester hours. Normally offered yearly.

**Science L101-L102 — Physical Science Laboratory.** Basic laboratory measurements illustrating fundamental concepts in the physical sciences. 2 terms — 2 semester hours. Normally offered yearly.

**Science 111 — Introduction to Planetary Astronomy.** History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon, planets, comets, asteroids, meteors; space programs, science and technology in society. Observations and photographic sessions with Celestron 8 inch cassegrain and 2 inch refractors. For non-science majors. Fall term — 3 semester hours. Normally offered yearly.

**Science 112 — Introduction to the Universe.** Astronomy of the cosmos; Sun, stars, interstellar material, galaxies, pulsars, quasars, black holes; nature of time, relativity, cosmology. Observations and photographic sessions with Celestron 8 inch cassegrain and 2 inch refractors. For non-science majors. Spring term — 3 semester hours. Normally offered yearly.

**Science 113 — Introduction to Celestial Navigation.** Principles of position-finding by lunar, sun, planet and star sights. Use of the sextant, chronometer, almanac, sight reduction tables, and plotting instruments. Laboratory experience includes taking sights and lines of positions, and pocket calculator navigation. *No prerequisite.* 1 term — 3 semester hours. Normally offered yearly.

**Science 114 — Coastal Navigation.** The magnetic compass, its characteristics and corrections. Dead reckoning; course, speed and distance. The depth sounder for course reference and correction. Hand bearing compass and line of sight position fixes. RDF, radio direction finder and radio beacons. LORAN and precise electronic position finding techniques. *Normally offered yearly.*

**Science L111-L112 — Astronomy Laboratory I, II.** Laboratory concentrating on observational astronomical techniques both in the classroom and under the stars using telescopes, astrophotography, and computer simulation. Some labs meet evenings. Lab should be taken in conjunction with Science 111, 112. 2 terms — 2 semester hours. Normally offered yearly.

**Science 205 — New Directions: Science and Technology.** Science/high technology participation course — for those undecided about a particular major but interested in investigating opportunities in science. Incorporates introduction to basic physics concepts (mechanics, energy, heat, electricity) with introduction to high-technology opportunities through field trips, guest speakers, career information. *Prerequisite: Adequate background in high school mathematics.* 1 term — 3 semester hours. Normally offered yearly.

**Science L205 — Science and Technology Lab.** Basic laboratory measurements illustrating fundamental concepts in physical science. Field trips to near-by high-technology firms. 1 term — 1 semester hour. Normally offered yearly.

**Science 233 — Introduction to Environmental Science Technology.** A field or laboratory program conducted during a six-month residency at an affiliated agency. Oral and written reports are required. Each program is directed by an agency supervisor interacting with a faculty sponsor. *Prerequisite: approval of Biology Department Chairperson and sophomore status.* 12 credits — 12 semester hours.

**Science 251 — Introduction to Coastal Geology I.** A broad overview of the physical and geological processes of the coastal zone. Coastal environments will be analyzed with an emphasis on the important environmental management characteristics of these areas. 3 hours lecture. 1 term — 3 semester hours.
Science L251 — Introduction to Coastal Geology I Laboratory. An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas. 3 hours laboratory. 1 term — 1 semester hour.

Science 252 — Introduction to Coastal Geology II. Near shore and off-shore coastal areas stressed with a consideration given to management problems involving offshore oil, gas development, sand and gravel mining and other continental margin and deep ocean basin activities. 3 hours lecture. 1 term — 3 semester hours.

Science L252 — Introduction to Coastal Geology II Laboratory. An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas. 3 hours laboratory. 1 term — 1 semester hour.

Science 253 — Introduction to Marine Studies. A multidisciplinary, interinstitutional course with marine-related topics from the humanities, social sciences, and natural sciences. Lecture, laboratory and field trips. 1 term — 4 semester hours.

Science 433 — Advanced Environmental Science Technology. A field or laboratory program conducted during a six-month residency at an affiliated agency. Oral and written reports are required. Each program is directed by an agency supervisor interacting with a faculty sponsor. Prerequisite: approval by Biology Department Chairman and senior status. 12 credits — 12 semester hours.

Science 533 — Environmental Science — Directed Study. Part time involvement with a laboratory or field-oriented project at a local agency. Ten contact hours, a project report and a monthly seminar required. Course may be repeated for up to 24 semester hours. Prerequisite: approval of Biology Department Chairman. 3 semester hours.

Science 599 — Special Topics. A course with special interest topics in science which are interdisciplinary or multidisciplinary. Primarily for graduate-level students or advanced, upperclass undergraduates. The course carries a special designation indicating the specific science focus. Prerequisites: Advanced science standing consistent with the subject matter content of the special topic. 1 term — 1-4 semester hours.
Sociology

Department of Sociology:
Professors: Fiorillo, Sullivan
Associate Professors: Spitzer (Chairperson), Topitzer
Assistant Professors: Holley, Mack, Morton, Todd
Senior Lecturer: Skeffington
Lecturers: Cordill, McCauley, McClure, White, Williams, Zabriskie.

All students majoring in Sociology are required to take four courses: Introduction to Sociology (credit not applied to the major), Research Methods, Sociological Theory, and Field Studies. Sociology 113, Introduction to Sociology, is a prerequisite for all other sociology courses. These courses provide 10 credit hours toward the major requirement and form a core around which students are able to build a diversified program reflecting their intellectual interests and career goals. Each of the five programs described below — General Sociology; Crime, Law and Deviance; Social Work; Health Services and C.R.O.S.S. — provides an orientation to the field as a whole as well as advanced training in topics of special interest.

Except for students enrolled in the C.R.O.S.S. Program (see below), all majors are expected to complete 8 sociology courses in addition to those required for all majors. These courses will differ depending on the program chosen but their completion will satisfy the total sociology course requirement (34 credit hours). Since the course sequence in social work includes two four-credit courses (Sociology 341/342), the total sociology course requirement for those in the Social Work Program is 36 credit hours.

Students pursuing career programs outside of general sociology (Crime, Law and Deviance, Social Work, and Health Services) are required to take Sociology 114 before enrolling in their chosen career concentration. This course is designed to bridge the gap between general sociology and career training as well as provide a sociological orientation to specific career tracks offered within the department. Credit for Sociology 114 may be applied toward the 8 course additional course requirement in sociology.

In order to encourage balance and breadth in the course selections of sociology majors, students are expected to choose at least one of their 8 sociology option courses from outside of their chosen program area. Departmental advisors should be consulted in the selection of those sociology courses most likely to complement program training in general and specialized subject areas.

Each of the career programs in sociology offers students an orientation to their fields of interest through an introductory course. These courses are Sociology 233 (Introduction to Crime and Delinquency) in the Crime, Law and Deviance Program, Sociology 243 (Introduction to Social Work) in the Social Work Program, Sociology 253 (Medical Sociology) in the Health Services Program, and Sociology 227 (Sociology of Minorities) in the C.R.O.S.S. Program. Students should typically take these courses in their sophomore year and before taking other more specialized courses in their program area.

Each of the programs in sociology (with the exception of the C.R.O.S.S. program) is designed to provide students with opportunities for specialized study and supervised research during their junior or senior year. Advanced seminars are offered yearly in General Sociology (Sociology 426), Crime, Law and Deviance (Sociology 433), Social Work (Sociology 443), and Health Services (Sociology 453).
Majors who do exceptionally well in sociology courses during their freshman and sophomore years may be eligible for participation in the Honors Program in Sociology. This program is based on an individualized pattern of course selection and participation in advanced seminars. Interested students should consult the Director of the Sociology Honors Program for further details about honors options and requirements for initiation into the Sociology Honor Society — Alpha Kappa Delta.

The department offers associate degrees in two program areas: Crime, Law and Deviance and Social Work. Students may receive associate degrees in these areas after completing 62 credit hours. The sociology requirements for these degrees include Research Methods, Sociological Theory, Sociology and Urban Problems, and at least six additional career-related courses in sociology. Students seeking the associate degree should consult with their advisors on an appropriate pattern of course selection.

**The Program in General Sociology**

In addition to the courses required for all sociology majors (Sociology 113, 214, 215, and 413), students selecting the Program in General Sociology may elect courses from several areas, such as the family (SOCIO 223), religion (SOCIO 323), politics (SOCIO 224), education (SOCIO 326) or social class (SOCIO 229), anthropology, the sociology of work, transportation, technology, professions, Latin American culture, women’s studies or other areas. Those who pursue the Program in General Sociology are required to take Sociology 426 (Advanced Seminar in Sociology) in their junior or senior year. The major requirement (10 credit hours), the Advanced Seminar (3 hours), plus 21 hours of sociology electives will enable those who elect this program to accumulate the necessary 34 hours in the major.

Students enrolled in the General Sociology Program are encouraged to take courses in any of the social sciences that complement their substantive interests in sociology. “Computer Applications in the Social Sciences” (SOCSC F213) is recommended for those concentrating in general sociology, especially students interested in social science research and analysis. Sociology 425 (Seminar in Quantitative Methods) and Sociology 426 (Seminar in Qualitative Methods) are also recommended for students pursuing careers in social policy areas or sociological research.

**The Program in Crime, Law and Deviance**

In addition to the 13 hours of required coursework in sociology (SOCIO 113, 114, 214, 215, and 413), students electing the Program in Crime, Law and Deviance are required to take four courses (12 credits): Introduction to Crime and Delinquency (SOCIO 233), Introduction to Criminal Justice Systems (SOCIO 234), Seminar in Crime and Delinquency (SOCIO 433) and one course selected from the following:

- Sociology 235 Sociology of Law
- Sociology 236 Sociology of Deviance
- Sociology 237 Alcoholism in American Society
- Sociology 238 Sociology of Violence
- Sociology 333 The Lawyer in American Society
- Sociology 334 Sociology of Policing
- Sociology 335 Corrections and Punishment
- Sociology 336 Probation and Parole

The remaining 9 hours required in sociology may be selected from any of the courses offered in the department but at least one course (see the complementary course requirement) must be chosen from outside of those listed above. Students are encouraged to consult with their advisor in the selection of related social science electives. SOCSC F213 is especially recommended for
those students seeking careers in the collection, analysis and processing of criminal justice data.

**The Program in Social Work**

Beyond the 13 hours of required coursework in sociology, students electing the Program in Social Work are required to take 5 courses (17 credits): Introduction to Social Work (SOCIO 243), Social Work Methods and Practicum I (SOCIO 341), Social Work Methods and Practicum II (SOCIO 342), Seminar in Social Welfare Services (SOCIO 443) and one course selected from the following:

- Sociology 343 Child Welfare Services
- Sociology 344 Community Organization
- Sociology 345 Health and Social Services
- Sociology 346 Social Welfare and Public Policy

The remaining 6 hours required in sociology may be selected from any of the courses offered in the department but at least one course (3 hours) must be chosen from outside of those listed above. Students are encouraged to consult with their advisors in the selection of related social science electives but should give special consideration to taking Social Psychology (SOCIO 228) and relevant courses in the Departments of Psychology and Psychological Services. "Helping Skills — Theory and Practice," offered in the Department of Psychological Services, is especially recommended for social work students.

**The Program in Health Services**

Students choosing the Program in Health Services must take 4 courses (12 credits) in addition to the 13 hours of coursework required of all sociology majors. These courses are Medical Sociology (SOCIO 253), Orientation to Health Professions (SOCIO 254), Seminar in Critical Health Issues (SOCIO 453), and one course selected from the following:

- Sociology 255 Sociology of Mental Health
- Sociology 353 Health Care Administration
- Sociology 354 Sociology of Death and Dying
- Sociology 355 Women and Health
- Sociology 356 Sociology of Aging
- Sociology 357 Problems in Community Health

The remaining 9 hours required in sociology may be selected from any of the courses offered in the department but at least one course must be chosen from outside of those listed above. Students with particular interests in health care administration should take SOCIO 353 as their fourth course selection. For students in health services, the natural science option should be satisfied by taking "Principles of Biology" and either "Bio-Ethical Issues" or "Genetics", offered by the Biology Department. Because of the growing significance of data processing in health care delivery, Social Science F213 (Computer Applications in the Social Sciences) is required for all students participating in this program. For those students interested in managerial careers in health services, "Principles of Accounting" in the Accounting Department and "The World of Work" in the Management Department are strongly recommended.
The C.R.O.S.S. Program (Spanish-Sociology) The Department of Sociology cooperates with the Department of Humanities and Modern Languages in a career-oriented inter-departmental major, Program CROSS (Career Related Opportunities in Sociology and Spanish). 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 22 hours of Sociology: the student may choose a program in General Sociology, Crime, Law and Deviance, Social Work, 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Semester Hrs.</th>
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<tbody>
<tr>
<td>Spanish 201-202</td>
<td>Spanish 207-208</td>
<td>6</td>
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<tr>
<td>Spanish 207-208</td>
<td>Spanish 303-304</td>
<td>6</td>
</tr>
<tr>
<td>Spanish 303-304</td>
<td>Spanish: any Spanish course above 303-304</td>
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Sociology Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Semester Hrs.</th>
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<tr>
<td>Soci 113</td>
<td>Introduction to Sociology</td>
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</tr>
<tr>
<td>Soci 214</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>Soci 215</td>
<td>Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>Soci 227</td>
<td>Sociology of Minorities</td>
<td>3</td>
</tr>
<tr>
<td>Soci 413</td>
<td>Field Studies</td>
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<td></td>
<td>PLUS: 6 hours selected from the following:</td>
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<td></td>
<td>Sociology 293 Hispanic Minorities</td>
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<td></td>
<td>Sociology 294 Social Dynamics in Latin America</td>
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<td>Sociology 295 Latino Community Organizations</td>
<td>3</td>
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<td></td>
<td>Sociology 296 The Latin Family and the State</td>
<td>3</td>
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</tbody>
</table>

Sociology Courses

Sociology 113 — Introduction to Sociology. An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. 1 term — 3 semester hours. Normally offered every semester. Fulfills the Social Science Option. Prerequisite for all other sociology courses.

Sociology 114 — Sociology and Urban Problems. A sociological examination of the city and its problems including attention to the origins, development and transformation of the physical and social environment of urban areas. Types of social intervention, including careers in criminal justice, health services and social services, are discussed in conjunction with the dilemmas and prospects of modern cities. 1 term — 3 semester hours. Normally offered every semester. Fulfills the Social Science Option. Required for students in the Crime, Law and Deviance, Health Services and Social Work Programs.

Sociology 214 — Research Methods. How sociologists decide what to study, and how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. 1 term — 3 semester hours. Normally offered every semester. Required for all sociology majors.

Sociology 215 — Sociological Theory. An examination and comparison of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the origins and consequences of sociological explanations. 1 term — 3 semester hours. Normally offered every semester. Required for all Sociology Majors.

Sociology 413 — Field Studies. On the basis of their interests students are assigned to supervise field practica and complete a research project. Concepts learned in the classroom are integrated with practical problems of the world of work. 1 term — 4 semester hours. Normally offered every semester. Restricted to juniors and seniors. Required for all Sociology Majors.
Sociology 223 — Family and Society.
An exploration of problems and prospects for family life in American society. Emphasis is placed on the relationship between families and other social arrangements, and the changing functions of families in contemporary society. 1 term — 3 semester hours. Normally offered yearly. Fulfills the Social Science Option.

Sociology 224 — Political Sociology.
A consideration of the consequences of political structure. Special attention is given to the political economy of the U.S. Capitalism, the role of elites, sources of resistance and strategies of change internally and in the international sphere. 1 term — 3 semester hours. Normally offered alternate years.

Analysis of demographic factors as they relate to various social and environmental problems with special attention to problems surrounding population size and patterns of reproduction. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 226 — Social Movements and Change.
How people in social movements change their attitudes, behavior and sometimes the structure of society. Possible topics include: fashion movements and youth culture; poor people’s movements; awareness movements and cults; movements of the 1960s; millenarian movements and revolutions. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 227 — Sociology of Minorities.
An investigation of the dynamics of conflict and cooperation in race and ethnic relations. Emphasis is placed on the social context within which groups are identified and treated as minorities, the social origins of prejudice, scapegoating, and discrimination and pathways to conflict resolution, containment and escalation. 1 term — 3 semester hours. Normally offered yearly.

Sociology 228 — Social Psychology.
Focuses on how individuals develop a sense of self through interaction with others. The connections between the individual and society are examined with an emphasis on interaction patterns and symbolic meanings in everyday life. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 229 — Social Class and Inequality.
This course examines the difference between the life experience of those who are rich, poor and middle class. Topics include: the elite in Boston; theories of inequality; blue collar neighborhoods; the hard living poor; and ethnic and sexual stratification. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 230 — Sociology of Religion.
Basic concepts and major values for the Protestant, Jewish and Catholic religious systems are contrasted and discussed. Role alternatives for minister, rabbi and priest are also evaluated in terms of cultural change. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 231 — Collective Behavior.
An examination of the processes and types of collective behavior. Crowds, publics, riots and mass movements are studied along with contagion, rumor, symbolization and conflict. The relationship between collective behavior and general social change is also considered. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 232 — Popular Culture in America.
An investigation of the images of life provided by mass communications, the educational system and official culture. Topics include: the growth of the youth culture since the 1950s; images of working people; women, minorities and advertising; changing ideas of success; consciousness raising and contra-cultures. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 233 — Sociology of Education.
A critical examination of the ways in which schools prepare children for adult roles and activities — the academic curriculum, the “hidden curriculum,” teaching styles, and rules. The course considers contrasting theories of education, education’s relationship to work and the connection between social change and school reform. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 234 — Alcohol and Family Problems.
An explanation of what happens in families traumatized by alcoholism. Focusing on how families react, change and readjust to alcoholism as well as what help is available, the course offers a critical review of theory and practice. 1 term — 3 semester hours. Normally offered alternate years.
Sociology 420 — Field Studies Workshop. A pre-internship orientation program emphasizing the field experience in sociology. Monthly workshops provide insight into the organization, goals and expectations of the Department's Field Program. 1 term — 0 semester hours. Normally offered every semester.

Sociology 423 — Independent Study. Members of the department hold special meetings with students and direct them in investigating topics of interest in sociology. Arrangements for independent study must be approved by the supervising instructor and the Department Chairperson. 1 term — 3-6 semester hours. Restricted to juniors and seniors.

Sociology 424 — Seminar in Qualitative Methods. Focuses on the connection between theory, sociological analysis and everyday life. Methods of field research and data collection, including approaches from symbolic interactionism and ethnography, are examined. Prerequisite: Sociology 214. 1 term — 3 semester hours. Normally offered alternate years. Restricted to juniors and seniors.

Sociology 425 — Seminar in Quantitative Methods. A variety of research techniques are used to study areas of interest to students. Skills in tabular and multivariate analysis are developed and new quantitative techniques introduced may include factor analysis, clustering and log-linear analysis. 1 term — 3 semester hours. Normally offered alternate years. Prerequisite: Sociology 214. Restricted to juniors and seniors.

Sociology 426 — Advanced Seminar in Sociology. An investigation and synthesis of significant themes and problems in sociology. Students develop and implement a design for the investigation of selected problems under faculty supervision. Prerequisites: Sociology 113, 214, 215. 1 term — 3 semester hours. Normally offered yearly. Restricted to juniors and seniors and required for all majors in the General Sociology Program.

Sociology 234 — Introduction to Criminal Justice Systems. An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Prerequisite: Sociology 233. Required for all majors in the Crime, Law and Deviance Program. 1 term — 3 semester hours. Normally offered yearly.

Sociology 235 — Sociology of Law. Law and legal systems are examined in contemporary society. Emphasis is placed upon the manner in which legal structures and processes interact with other social arrangements and are transformed over time. 1 term — 3 semester hours. Normally offered yearly. Fulfills the Social Science Option.

Sociology 236 — Sociology of Deviance. Deviant behavior is analyzed in terms of socialization, deviant roles and identities, social control, and other social processes. Specific forms of deviance are discussed from a variety of sociological perspectives. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 237 — Alcoholism in American Society. Some of the social factors involved in identifying, treating and controlling alcoholism are discussed. Emphasis is placed on the conflicts and problems associated with current theories and programs. 1 term — 3 semester hours. Normally offered yearly.

Sociology 238 — Sociology of Violence. The description and analysis of violence in contemporary America. The course explores the historical and psychosocial roots of political and personal violence. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 333 — The Lawyer in American Society. Elements of the professional role of the attorney are examined. Topics explored include educational preparation, areas of practice, and socio-economic implications for both clients and practitioners. 1 term — 3 semester hours. Normally offered alternate years.
Sociology 334 — Sociology of Policing. An investigation of the emergence, organization, and structure of police systems. The course focuses on the conditions surrounding the relationship between the police and policed in different historical, political and economic contexts. Prerequisite: Sociology 233. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 335 — Corrections and Punishment. A sociological exploration of coercive and incapacitative responses to crime. Attention is given to the origins and patterning of segregative controls, the correctional claims of prison systems, alternatives to incarceration and relationships between types of crime, and criminals, and varieties of punitive response. Prerequisite: Sociology 233. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 336 — Probation and Parole. Correctional theories are reviewed along with the historical development of probation and parole. Current research and analytical perspectives reflecting on administrative problems, innovative policies, and the internal philosophical inconsistencies of these systems are examined. Prerequisite: Sociology 233. 1 term — 3 semester hours. Normally offered alternate years.


Sociology 243 — Introduction to Social Work. The major value orientations, service systems, and methods of practice associated with professional social work are presented. The historical development of social work and the skills upon which it is based are also explored. 1 term — 3 semester hours. Normally offered yearly. Required for all majors in the Social Work Program.

Sociology 341-342 — Social Work Methods and Practicum I and II. Major values, basic concepts, theories and skills associated with the primary methods of social work practice are presented. The course helps develop an integrated field placement in an agency setting consistent with student career goals. Prerequisite: Sociology 243. Required for all majors in the Social Work Program. 2 terms — 8 semester hours. Normally offered in the Fall and Spring semesters.

Sociology 343 — Child Welfare Services. 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 alternate years.

Sociology 344 — Community Organization. Forces forming the elements of community within the structure of metropolitanism are treated, including historical, demographic, ecological, and socio-economic factors. The shape and pattern of the past, current, and future community relationships for the Boston metropolitan area are a general consideration. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 345 — Health and Social Services. An examination of the relationship between health and social services in the organization and delivery of client/patient care. Reciprocal responsibilities and agency problems are studied on both interactional and organizational levels. 1 term — 3 semester hours. Normally offered alternate years.


Sociology 443 — Seminar in Social Welfare Services. Contemporary issues and problems associated with professional social work and the broader framework of human services are explored within an atmosphere of small group discussion and independent study. Prerequisites: Sociology 243, 341, 342, 346. Restricted to juniors and seniors. Required for all majors in the Social Work Program. 1 term — 3 semester hours. Normally offered yearly.
Sociology 253 — Medical Sociology. The course explores social factors in health, illness, death and healing. Attention is given to the social organization of medical care including the roles of the physician and patient, the clinic and hospital, public health and preventive care. 1 term — 3 semester hours. Normally offered every semester. Required for all majors in Health Services.

Sociology 254 — Orientation to Health Professions. The course surveys the role of allied health professions in the delivery of health care. The history and current practice of allied health professions are reviewed and the relationship between care-givers, managers and support staff is explored. Prerequisite: Sociology 253. Required for all majors in Health Services. 1 term — 3 semester hours. Normally offered yearly.

Sociology 255 — Sociology of Mental Health. An investigation of the social history of mental illness, epidemiological and cross-cultural approaches to mental disorder, as well as 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 alternate years.

Sociology 353 — Health Care Administration. A study of the current philosophy and practice relating to health services administration. Class discussion, a semester project relating to a clinical setting and analysis of problems peculiar to health care delivery are included. Prerequisite: Sociology 253. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 354 — 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 and the impact of technology on the dying process. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 355 — Women and Health. An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 356 — Sociology of Aging. A consideration of the physiological, psychological, and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are also explored. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 357 — Problems in Community Health. Emphasis is on the sociological sources and consequences of efforts to insure public health. Community-based and epidemiological studies are reviewed and comparative investigations of health care delivery and the relationship between public and private health care are developed. Prerequisite: Sociology 253. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 453 — Seminar in Critical Health Issues. The course identifies and investigates some of the major issues facing our health care system in a seminar format. Special topics are developed and opportunities for intensive research are provided for advanced students. Prerequisites: Sociology 253, 254. Restricted to juniors and seniors. Required for all majors in Health Services. 1 term — 3 semester hours. Normally offered yearly.

Sociology 263 — Cultural Anthropology. The development and transformation of culture is presented with an emphasis on the stability and change of different cultural systems. Human development is traced from its most simple social context through the evolution of more complex cultures. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 264 — Physical Anthropology. The focus is on human evolution from the earliest primate ancestors to modern *homo sapiens*. Major questions for discussion include: How does evolution take place? How are archaeological data used in constructing theories of human development and change over time? How are fossil finds dated? 1 term — 3 semester hours. Normally offered alternate years.

Sociology 265 — Medical Anthropology. An analysis of cultural concepts and approaches to health, curing and disease. The course focuses on the interaction between Western and non-Western medical systems and the relationship of medical beliefs to other areas of culture. 1 term — 3 semester hours. Normally offered alternate years.
Sociology 266 — Urban Anthropology.
Current issues in urbanization are examined from a cross-cultural and historical perspective. Topics include both pre-industrial and non-Western forms of urbanization, ethological research on density, crowding, and migrations. The effects of these processes on family, kinship, ethnic and inter-ethnic relationships are also considered. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 273 — 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. Fulfills the Social Science Option.

Sociology 373 — Images of Women. Cultural visions of women in the past, present and future are explored through mediums such as literature, film, paintings, advertisements, music and language use. Attention is focused on the relationship between mythic images in culture and the reality of women's lives in society. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 274 — Women and Social Change. The course explores theories of social change and social movements as they pertain to women and develops an historical review of changes in the status of women. 1 term — 3 semester hours. Normally offered yearly.

Sociology 275 — Women and Crime. A consideration of women as victims of crime, as criminals, and as crime-fighters. A look at the extent and nature of the relationship between women and crime in America. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 283 — Sociology of Work and Occupations. A discussion of the world of modern work that includes the origins of contemporary industry and job characteristics, the current industrial and occupational picture, and the future of human labor. Attention is given to conditions of work, problems of alienation, occupational and role changes, and worker control of work life. 1 term — 3 semester hours. Normally offered yearly. Fulfills the Social Science Option.

Sociology 284 — Sociology of Professions. An examination of the process of professionalization with particular attention to the medical, legal, nursing, teaching and social work professions. The course examines the power of professions and the evidence for the existence of a professional-managerial class. The parallels and contrasts between professionalization and unionization are also developed. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 285 — Human Behavior in Organizations. An analysis of forces motivating the behavior of people in various work settings, including problems of authority and influence, development of roles, initiating change and dealing with resistance. Various approaches include lectures, cases, examination of research and experiential learning. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 383 — Technology and Society. An evaluation of the problems and prospects associated with the development of technology in society. Particular emphasis is given to feedback effects, power and resources as well as value response systems. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 384 — Introduction to Aviation Systems. The course acquaints the student with fundamental forces and elements associated with aviation and the process of flight and their impact on America and other societies. Significant stages in the development of major military, commercial, and general aviation systems are presented. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 385 — Social Forces and Transportation. A consideration of the social factors, implications, and issues associated with the systems, techniques, and hardware employed in the movement of people, goods, and energy sources on land, sea, air, and space. 1 term — 3 semester hours. Normally offered yearly.
Sociology 386 — Human Factors in Aviation Systems. Alternative behavior patterns for key positions in flight operations are examined here. Suggestions for improved role performance and training programs are offered for such positions as captain, first and second officer/flight engineer, flight attendant, dispatcher, corporate and general aviation pilot, and air traffic controller. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 387 — Seminar in Sociology of Aviation. Significant issues and problems associated with major systems within the aviation community are discussed. The course examines interaction between the Federal Aviation Administration, the airline industry, aircraft manufacturers, general aviation, and related professional associations. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 293 — Hispanic Minorities. The cultural background of U.S. hispanics is examined. Special emphasis is placed on the modes of adaptation, acculturation and assimilation of Latinos residing in the Northeast. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 294 — Social Dynamics in Latin America. Selected Latin American countries are examined from both historic and socio-economic perspectives. Lectures, speakers, and audio-visual material will explore the linkages between these countries and the U.S., especially the Latino community. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 295 — Latino Community Organizations. The course examines the development of U.S. Latino organizations and their impact on the hispanic and wider communities. Selected issues like race, education, housing, politics, and juvenile delinquency are discussed. Local organizations are studied through site visits, interviews and lecture/presentations. 1 term — 3 semester hours. Normally offered alternate years.

Sociology 296 — The Latin Family and the State. The impact of U.S. institutions on hispanic families and their members are studied. By exploring the interaction between the Latino and a variety of social institutions, the course provides a framework for understanding the hispanic family and its development. 1 term — 3 semester hours. Normally offered alternate years.
Spanish

Department of Humanities and Modern Languages
Professors: Boudreau (Chairperson), Chiasson, Hastings
Associate Professors: Mendez-Herrera, Parks
Assistant Professors: Hourtienne, Smythe
Lecturers: Kelton, Robb
Professors Emeriti: Fang, Fehrer, Goodrich, Petherick.

The major in Spanish consists of the study of the Spanish language, its literature, and the civilization of the Spanish-speaking world. The major requires 30 semester hours of Spanish courses beyond the Elementary level, including Hispanic Culture and Advanced Conversation, and 12 hours of related electives from approved courses in English, Humanities, Philosophy and Dramatic Arts.

The Foreign Language Requirement for the A.B. degree is satisfied by 6 credit hours in Spanish at the Introductory level, or at any higher level according to student's competence. Level of competence is determined by Placement Examination and by consideration of the student's prior experience in Spanish studies.

Program CROSS, a career-oriented program offered in cooperation with the Department of Sociology, combines 21 hours of selected courses in Spanish, and an equal number in Sociology. See p. 159 for full description.

Spanish Courses

Spanish 101-102 — Elementary Spanish. Intensive study and practice of oral and written language skills. Readings and discussions of cultural materials in Spanish. Extensive use of audio-visual materials. Two laboratory sessions per week. 2 terms — 6 semester hours. Offered every year.

Spanish 201-202 — Intermediate Spanish. Study of Spanish through texts and other materials of cultural interest. Development of oral language skills through practice in class and language laboratory. Extensive use of audio-visual materials. 2 terms — 6 semester hours. Offered every year.

Spanish 207-208 — Hispanic Culture. A survey of Hispanic civilization emphasizing the contributions of Spanish-speaking peoples to the Western tradition in art, thought, religion and letters. Abundant use of audio-visual materials. Recommended for pre-professional needs. Texts in Spanish and in translation. Prerequisite: Intermediate Spanish or instructor's permission. 2 terms — 6 semester hours. Offered yearly.

Spanish 303-304 — 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. Prerequisite: Intermediate Spanish or instructor's permission. 2 terms — 6 semester hours. Offered yearly.

Spanish 305 — 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. Recommended for educators, administrators and social workers. No prerequisite. 1 term — 3 semester hours. Normally offered alternate years.

Spanish 401 — 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 creations in later times and other lands. Discussion-type classes, conducted in English. Texts in translation. *No prerequisite*. 1 term — 3 semester hours. Normally offered every third year.

Spanish 402 — Social Literature of Latin America. Reading and discussion of significant literary works (in prose and poetry) related to social themes or problems of Mexico, the Caribbean nations, and South America. Sociological and political essays on the same subjects. Conducted in English. Texts in translation. *No prerequisite*. 1 term — 3 semester hours. Normally offered every third year.


Spanish 404 — Modern Hispanic Literature. A survey of literary works of the twentieth century; prose fiction, drama, and poetry of Spain and several Latin American countries. Readings selected to illustrate the main intellectual currents that have emerged in the Hispanic world in the twentieth century. Conducted in English. Texts in translation. *No prerequisite*. 1 term — 3 semester hours. Normally offered every third year.

Spanish 501 — Independent Study. Students meet with a department member to confer on prearranged subjects based on readings in areas of particular interest to them. *Instructor's permission*. 1 term — 3 semester hours.
Graduate Education

Department of Education
Professors: Unger (Chairperson), Eskedal, Lewandowski, Perlman
Associate Professors: Ash, S. Mahoney, McCarthy, Shatkin, Winters
Assistant Professors: D'Abrosca, Lyons, Sartwell, Stefaney, Zifcak
Master Lecturer: Shively
Senior Lecturers: Chase, Stather
Lecturers: Cahalane, Chermak, Colarusso, Dauwer, DiLoretto, Felice, Grant, Hojlo, Jackson, MacLean, Najarian, Perkins, Perrone, Quintiliani, Tenore, Thayer, Zwicker.


Requirements for Graduate Degrees in Education

The Graduate Education Programs of Suffolk University offer advanced study for students who have Bachelor's and Master'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 Master's graduate level is an undergraduate program of study equivalent to either the A.B. or B.S. Degree, and required for degree candidacy at the Certificate of Advanced Graduate Study is a Master's program related to the chosen field of study.

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 techniques needed for independent investigation in their fields of interest.

Candidates for graduate degrees must complete a program of study approved by their program director, their faculty advisor, and their dean, within five years after the start of graduate course work.

Each degree candidate must file an application for the award of his/her degree on official forms at the Registrar's Office at the beginning of his/her final semester.

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 Chairperson of the Department of Education. Students who wish to transfer graduate credit to another university should obtain the prior approval of their deans.

The completion of a minimum of thirty to thirty-nine 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 six semester credits 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. A minimum grade of B is required in all field experiences. 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/her success is doubtful. Such factors as academic performance, interest, effort and personality enter into the judgment.

Admissions and Registration Regulations A prospective student seeking admission to the Graduate Program should proceed as follows:

Each applicant must file an application form and two letters of recommendation 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/her degree requirements may be granted permission by the graduate committee to preregister for graduate credit in a limited number of courses, provides s/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.

It is required that candidates for full-time study in the Counselor Education Program arrange for an interview with the Admissions Coordinator of the Counselor Education Faculty. The application deadline for Counselor Education is May 1st.

Transfer Credits At the time of matriculation students may request transfer of not more than six graduate credits completed at other accredited institutions. Only courses in which a student has received a grade of B or better will be accepted. Courses taken more than five years prior to the student's acceptance into his/her present program will not be considered for transfer credit except in extraordinary instances.

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 seeking degree status are required to comply with the admissions regulations of the particular graduate program.

Students who apply for degree status and who for any reason are not granted such status may 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 catalog in which the Counselor Education program is described.

Massachusetts Certification All of Suffolk University's programs in education which train personnel for public schools are accredited by the State Department of Education. Thus graduates are eligible for certification in Massachusetts. However, application for certification must be made by the graduate directly to the State Department. In addition to the application, a practicum report and an official transcript of graduate level work must also be submitted. The State Department also requires a fee, proof of good health and sound moral character and possession of a bachelor's or higher earned degree. Specified programs in Education have been approved by the State Department of Education for inclusion in
the reciprocity privileges of the Interstate Certification Compact.

**Placement Services** During the semester prior to anticipated graduation, students should register with the Suffolk University Placement Service.

**Ed.M. in Administration and Supervision**

**Objectives of the Program:** This program has been developed to provide appropriate competencies for educational managers in public schools, public and private higher education, educational agencies or organizations, and training components in business and industry. It is organized into four options:

- **Option A** — Public School Supervisor/Director
- **Option B** — Public School Assistant Principal/Principal
- **Option C** — General Educational Administration
- **Option D** — Higher Education Administration.

Courses in the program have been designed to stress the basic management functions of planning, organizing, staffing, supervising and evaluating as those activities are carried on in educational settings.

**Description of the Program:**
Candidates can generally expect to complete degree requirements in two years of part-time study, although shorter or longer durations are possible. The minimum program requirement is 36 semester hours of credit. Individuals are responsible for planning their programs in consultation with Professor Joseph M. McCarthy.

**Option A**

**Public School Supervisor/Director**

**Description:** This program is designed to prepare personnel for employment as program director or coordinator, department head, curriculum coordinator or specialist, supervisor, and related roles. Leads to state certification as supervisor/director. Applicants must demonstrate evidence of teacher certification in Massachusetts as well as three years of teaching experience.

**Core Requirements:** 15 hours

- Education 600 — Educational Management
- Education 614 — Instructional Supervision
- Education 790 — Research and Evaluation Methods
- Education 794 — Social Philosophy of American Education
- Education 800 — Curriculum Development and Evaluation

**Program Requirements:** 6 hours

- Education 617 — Personnel Management
- Education 796 — Learning Theory and the Improvement of Instruction

**Restricted Electives** 6 hours

To be chosen by the student in consultation with the advisor from a list of appropriate courses.

**Field Experience:** 9 hours

- Education 644 — Professional Improvement Field Experience
- Education 645 — Practicum in Administration
Option B
Public School Assistant Principal/Principal

Description: Designed to prepare persons to fill principalship positions at N-5, 5-9 or 9-12 level. Leads to state certification as assistant principal/principal. Applicants must demonstrate evidence of classroom teacher certification in Massachusetts as well as three years of teaching experience.

Core Requirements: 15 hours
Education 600 — Educational Management
Education 614 — Instructional Supervision
Education 790 — Research and Evaluation Methods
Education 794 — Social Philosophy of American Education
Education 800 — Curriculum Development and Evaluation

Program Requirements: 6 hours
Education 613 — Legal Aspects of School Administration
Education 615 — The Principalship

Restricted Electives: 6 hours
To be chosen by the student in consultation with the advisor from a list of appropriate courses.

Field Experience: 9 hours
Education 644 — Professional Improvement Field Experience
Education 645 — Practicum in Administration

Option C
General Educational Administration

Description: Designed to prepare personnel for administrative roles in schools, educational agencies, and training/instructional programs in public agencies, business and industry. Does not lead to state certification in school administration.

Core Requirements: 12 hours
Education 600 — Educational Management
Education 614 — Instructional Supervision
Education 790 — Research and Evaluation Methods
Education 800 — Curriculum Development and Evaluation

Restricted Electives: 15 hours
To be chosen by the student in consultation with the advisor.

Field Experience: 9 hours
Education 644 — Professional Improvement Field Experience
Education 645 — Practicum in Administration

Option D
Higher Education Administration

Description: Designed to provide competencies for those filling posts in admissions, alumni, development, financial aid, housing, placement, registrar's and student activities offices from the junior/community college level to the university.

Core Requirements: 15 hours
Education 600 — Educational Management
Education 625 — Organization and Administration of Higher Education
Education 626 — Legal Aspects of Higher Education
Education 790 — Research and Evaluation Methods

Restricted Electives: 15 hours
To be chosen by the student in consultation with the advisor.

Field Experience: 9 hours
Education 644 — Professional Improvement Field Experience
Education 645 — Practicum in Administration.
M.S. in Business Education and Office Technologies

Objectives of the Program: This program is designed to offer advanced preparation for business educators in curriculum design, teaching methodology, and research. Also, the program is open to those individuals with a bachelor's degree who may wish to enter business teaching in secondary and post-secondary institutions, community-based training programs, adult education, and staff development and training in business and industry.

This flexible program can be individualized to meet student needs and interests. Five options center around a core of business education courses. These options include general business education, teacher certification, special education, counselor education, and adult education. Electives are available in business administration, data processing, liberal arts, and education.

Description of the Program:
Candidates who hold a teaching certificate in business education can generally expect to complete the degree requirements in one year of full-time study, although a longer period of time can be taken on a part-time basis. The minimum program requirement is 30 semester hours of credit.

Candidates seeking teacher certification in business education may require additional courses to include subject matter (when appropriate), field-based pre-practicums, and student teaching.

Options include the following:
- Option A Business Education — General
- Option B Business Education — Teacher Certification
- Option C Business Education — Special Education
- Option D Business Education — Counselor Education
- Option E Business Education — Adult Education

Note: Candidates seeking a certificate in administration and supervision should consult with the director of the Program in Administration and Supervision.

A detailed description of the requirements for each of the above programs is listed under each option.

Degree candidates are advised to consult with Prof. Barbara F. Ash, Director, Business Education and Office Technologies Programs.
Option A
Business Education — General

Description: This option provides advanced preparation for business educators in curriculum, teaching methodology and research. The curriculum in this option is also tailored to those individuals re-entering the business education profession.

Required Courses: 12 Sem. Hrs.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>ED650</td>
<td>Curriculum Construction and Program Development in Business and Office Education</td>
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<td>ED654</td>
<td>Introduction to Research Methods in Business and Office Education</td>
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<td>ED655</td>
<td>Research Seminar in Business and Office Education</td>
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<td>ED650</td>
<td>Research and Improvement in Basic Business Instruction</td>
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<tr>
<td>ED657</td>
<td>Research and Improvement in Shorthand-Transcription Instruction</td>
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<td>ED658</td>
<td>Research and Improvement in Typewriting Instruction</td>
<td>3</td>
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<tr>
<td>ED659</td>
<td>Research and Improvement in Bookkeeping, Accounting, Data Processing, and Business Mathematics Instruction</td>
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Business Education Electives: 12 Sem. Hrs.

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<td>Organization, Administration and Curriculum Development for Distributive Education</td>
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<td>ED615</td>
<td>Office Education Internship for Business Educators</td>
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<td>ED616</td>
<td>History and Philosophy of Career and Occupational Education</td>
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<td>ED653</td>
<td>Evaluation and Analysis of Trends in Business and Office Education</td>
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<td>Research and Improvement in Basic Business Instruction</td>
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<tr>
<td>ED660</td>
<td>Administration and Supervision of Business Education Programs</td>
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Business Administration, Business Education, Education and Liberal Arts
Option B
Business Education — Teacher Certification

Description: This option is required for those individuals without prior certification in business education. The curriculum is also tailored to those persons who hold a bachelor's degree in a discipline other than business and office education. Depending on the interests and academic background of the candidate, certification may be obtained in one of the following areas: teacher of business, teacher of secretarial skills, or teacher of business management. For those candidates who have met the subject-matter requirement, the degree program requires 36-39 hours. Candidates who do not meet the subject-matter requirement will require additional courses.

Subject-Matter Requirement: (36 hours)
Completion of 36 hours of course content in one of the following areas:
- Business and Secretarial Skills (Teacher of Business Certificate 5-12)
- Secretarial Skills (Teacher of Secretarial Skills Certificate 5-12)
- Business Administration/Management (Teacher of Business Management Certificate 5-12)

Note: This requirement may be waived for those who have previously taken courses matching the content requirement in one of the above areas.

Required Courses: 27 Sem. Hrs.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED203 — Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED204 — Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ED320 — Methods of Teaching Basic</td>
<td></td>
</tr>
<tr>
<td>Business Subjects</td>
<td>3</td>
</tr>
<tr>
<td>ED326 — Reading, Communication, and Mathematics Skills for Business Educators</td>
<td>3</td>
</tr>
<tr>
<td>ED650 — Curriculum Construction and Program Development in Business and Office Education</td>
<td>3</td>
</tr>
<tr>
<td>ED654 — Introduction to Research Methods in Business and Office Education</td>
<td>3</td>
</tr>
<tr>
<td>ED500 — Student Teaching Practicum</td>
<td>9</td>
</tr>
</tbody>
</table>

Business Education Electives:
(9 or more hours as determined by adviser and certificate sought) Electives specified on checksheets.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED513 — Office Simulation and Cooperative Work Experience Programs: Implementation and Design</td>
<td>3</td>
</tr>
<tr>
<td>ED514 — Organization, Administration, and Curriculum Development for Distributive Education</td>
<td>3</td>
</tr>
<tr>
<td>ED515 — Office Education Internship for Business Educators</td>
<td>3-9</td>
</tr>
<tr>
<td>ED516 — History and Philosophy of Career and Occupational Education</td>
<td>3</td>
</tr>
<tr>
<td>ED657 — Research and Improvement in Shorthand-Transcription Instruction</td>
<td>3</td>
</tr>
<tr>
<td>ED658 — Research and Improvement in Typewriting Instruction</td>
<td>3</td>
</tr>
<tr>
<td>ED659 — Research and Improvement in Bookkeeping, Accounting, Data Processing, and Business Mathematics Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>
**Option C**

**Business Education — Special Education**

**Description:** This option provides advanced preparation for business educators in curriculum, teaching methodology and research. Emphasis is placed on teaching methodology and techniques appropriate to the special needs student.

**Required Courses:** 18 Sem. Hrs.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED650</td>
<td>Curriculum Construction and Program Development in Business and Office Education</td>
<td>3</td>
</tr>
<tr>
<td>ED654</td>
<td>Introduction to Research Methods in Business and Office Education</td>
<td>3</td>
</tr>
<tr>
<td>ED655</td>
<td>Research Seminar in Business and Office Education</td>
<td>3</td>
</tr>
</tbody>
</table>

*Choice of one of the following:*

- ED656 — Research and Improvement in Basic Business Instruction
- ED657 — Research and Improvement in Shorthand-Transcription Instruction
- ED658 — Research and Improvement in Typewriting Instruction
- ED659 — Research and Improvement in Bookkeeping, Accounting, Data Processing, and Business Mathematics Instruction
- ED663 — Business Education for Teachers of Students with Special Needs
- ED664 — Individualized Instruction for Business Education

**Business Education Electives:** 6 Sem. Hrs.

- ED513 — Office Simulation and Cooperative Work Experience Programs: Implementation and Design
- ED514 — Organization, Administration, and Curriculum Development for Distributive Education
- ED515 — Office Education Internship for Business Educators
- ED516 — History and Philosophy of Career and Occupational Education
- ED653 — Evaluation and Analysis of Trends in Business and Office Education
- ED656 — Research and Improvement in Basic Business Instruction
- ED657 — Research and Improvement in Shorthand-Transcription Instruction
- ED658 — Research and Improvement in Typewriting Instruction
- ED659 — Research and Improvement in Bookkeeping, Accounting, Data Processing, and Business Mathematics Instruction
- ED660 — Administration and Supervision of Business Education Programs
- ED665 — Continuing Education for Business
- ED666 — Teaching Methodology and Instructional Materials for Adult Business Education
- ED700 — Business Education: Independent Projects

**Required Special Education Courses:** 6 Sem. Hrs.

Six semester hours in Special Education to be determined by consultation with program advisor.
Option D
Business Education — Counselor Education

Description: This option provides advanced preparation for business educators in curriculum, teaching methodology and research. In addition, a wide range of electives are available in counselor education which allow the individual with an interest or need for a background in counseling to explore specific topics. The program is particularly well suited for those teaching in community-based programs.

Required Courses: 15 Sem. Hrs.

- ED516 — History and Philosophy of Career and Occupational Education .......... 3
- ED650 — Curriculum Construction and Program Development in Business and Office Education .......... 3
- ED654 — Introduction to Research Methods in Business and Office Education .......... 3
- ED655 — Research Seminar in Business and Office Education .......... 3

Choice of one of the following:

- ED656 — Research and Improvement in Basic Business Instruction .......... 3
- ED657 — Research and Improvement in Shorthand-Transcription Instruction .......... 3
- ED658 — Research and Improvement in Typewriting Instruction .......... 3
- ED659 — Research and Improvement in Bookkeeping, Accounting, Data Processing, and Business Mathematics Instruction .......... 3

Business Education Electives: 9 Sem. Hrs.

- ED513 — Office Simulation and Cooperative Work Experience Programs: Implementation and Design .......... 3
- ED514 — Organization, Administration, and Curriculum Development for Distributive Education .......... 3
- ED515 — Office Education Internship for Business Educators .......... 3-9
- ED653 — Evaluation and Analysis of Trends in Business and Office Education .......... 3
- ED656 — Research and Improvement in Basic Business Instruction .......... 3
- ED657 — Research and Improvement in Shorthand-Transcription Instruction .......... 3


Six semester hours in Counselor Education to be determined by consultation with program advisor.

- ED658 — Research and Improvement in Typewriting Instruction .......... 3
- ED659 — Research and Improvement in Bookkeeping, Accounting, Data Processing, and Business Mathematics Instruction .......... 3
- ED660 — Administration and Supervision of Business Education Programs .......... 3
- ED663 — Business Education for Teachers of Students with Special Needs .......... 3
- ED664 — Individualized Instruction for Business Education .......... 3
- ED665 — Continuing Education for Business .......... 3
- ED666 — Teaching Methodology and Instructional Materials for Adult Business Education .......... 3
- ED700 — Business Education: Independent Projects .......... 1-3
Option E
Business Education — Adult Education

Description: This option provides advanced preparation for business educators in curriculum, teaching methodology and research. A core of courses centering around the adult learner provides the individual with the techniques and skills for teaching the older learner. This option is particularly well suited for those teaching in community and junior colleges, community-based agencies, and staff-development and training programs in industry.

Required Courses: 18 Sem. Hrs.
ED723 — Adult Development ......................... 3
ED650 — Curriculum Construction and Program Development in Business and Office Education .......................... 3
ED654 — Introduction to Research Methods in Business and Office Education ..................... 3
ED655 — Research Seminar in Business and Office Education ............................. 3
ED665 — Continuing Education for Business ........ 3
ED666 — Teaching Methodology and Instructional Materials for Adult Business Education ..................... 3

Business Education Electives: 12 Sem. Hrs.
ED513 — Office Simulation and Cooperative Work Experience Programs: Implementation and Design .................. 3
ED514 — Organization, Administration, and Curriculum Development for Distributive Education .................. 3
ED515 — Office Education Internship for Business Educators ............................. 3-9
ED516 — History and Philosophy of Career and Occupational Education .................... 3
ED653 — Evaluation and Analysis of Trends in Business and Office Education .................. 3
ED656 — Research and Improvement in Basic Business Instruction ......................... 3
ED657 — Research and Improvement in Shorthand-Transcription Instruction .................. 3
ED658 — Research and Improvement in Typewriting Instruction ............................ 3
ED659 — Research and Improvement in Bookkeeping, Accounting, Data Processing, and Business Mathematics Instruction ........ 3
ED660 — Administration and Supervision of Business Education Programs .................. 3
ED663 — Business Education for Teachers of Students with Special Needs .................. 3
ED664 — Individualized Instruction for Business Education ................................ 3
ED700 — Business Education: Independent Projects ........................................ 1-3

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 a variety of community mental health settings (e.g., hospitals, prisons, clinics, colleges, rehabilitation, outreach, after care, etc.). Such effective functioning requires a broad understanding of the educational framework in today's society and the dynamics of human behavior within this framework. 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 Degree 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 by students enrolling on a part-time basis.
Students planning to enroll full-time during the Fall semester must complete Counseling Laboratory (ED 737) during the previous Spring semester (plus two additional courses for School Counselor Students) to be eligible for Clinical Practice (ED 738-739) in the Fall.

A minimum program involves 39 semester hours of work, depending on undergraduate preparation. All special non-degree students in Counselor Education wishing to apply for degree status are encouraged to have an interview with a member of the Counselor Education Faculty prior to acceptance. All special non-degree students seeking degree status are required to meet with the Counselor Education Admissions Coordinator. Degree candidates are advised to consult with members of the Counselor Education Faculty at all stages of their program.

III. Program of Studies: Candidates for the Master’s degrees in Counseling may elect either School Counseling or Community Agency Counseling for their program of study. The following is a list of courses offered within the Counselor Education Program (denoting courses by specialty):

School Counseling

<table>
<thead>
<tr>
<th>Required Courses:</th>
<th>24 Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED710 — Introduction to School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED713 — Counseling: Theory &amp; Practice</td>
<td>3</td>
</tr>
<tr>
<td>ED714 — Psychology of Vocational Development</td>
<td>3</td>
</tr>
<tr>
<td>ED715 — Methods of Research: Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ED717 — Psychological Tests in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED737 — Counseling Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>ED738 — Clinical Practice I</td>
<td>3</td>
</tr>
<tr>
<td>ED739 — Clinical Practice II</td>
<td>3</td>
</tr>
</tbody>
</table>

Community Agency Counseling

<table>
<thead>
<tr>
<th>Required Courses:</th>
<th>24 Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED713 — Counseling: Theory &amp; Practice</td>
<td>3</td>
</tr>
<tr>
<td>ED714 — Psychology of Vocational Development</td>
<td>3</td>
</tr>
<tr>
<td>ED715 — Methods of Research: Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ED716 — Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>ED717 — Psychological Tests in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED737 — Counseling Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>ED738 — Clinical Practice I</td>
<td>3</td>
</tr>
<tr>
<td>ED739 — Clinical Practice II</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Electives:</th>
<th>18 Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED710 — Introduction to School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED716 — Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>ED718 — Individual Intelligence Tests</td>
<td>3</td>
</tr>
<tr>
<td>ED719 — Psychological Development of the Child</td>
<td>3</td>
</tr>
<tr>
<td>ED720 — Psychology of the Young Adult</td>
<td>3</td>
</tr>
<tr>
<td>ED723 — Adult Development</td>
<td>3</td>
</tr>
<tr>
<td>ED724 — Human Behavior in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>ED725 — Community Mental Health</td>
<td>3</td>
</tr>
<tr>
<td>ED726 — Family Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED727 — Drug and Alcohol Abuse</td>
<td>3</td>
</tr>
<tr>
<td>ED728 — Rehabilitation Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED729 — Sexual Behavior: Function and Dysfunction</td>
<td>3</td>
</tr>
<tr>
<td>ED730 — Current Issues in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED733 — Cross-Cultural Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED734 — Seminar in Counseling Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ED735 — Group Counseling: Theory &amp; Process</td>
<td>3</td>
</tr>
<tr>
<td>ED736 — Consultation</td>
<td>3</td>
</tr>
<tr>
<td>ED746 — Advanced Psychological Testing</td>
<td>3</td>
</tr>
<tr>
<td>ED750 — Independent Study — Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED753 — Independent Study — Counseling</td>
<td>3</td>
</tr>
</tbody>
</table>

(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 Counseling Laboratory, the Clinical Practice classes, ED 737, ED 738 and ED 739 and field experience. It is during this time that a student, fully admitted into the program, demonstrates ability to translate training into professional judgments and techniques. Continuing students are required to apply formally for Clinical Practice and to consult with their Faculty Advisor regarding their field placement.
All part-time students must successfully complete twelve semester hours prior to the Clinical Practice experience.

Students in School Counseling must successfully complete a minimum of nine semester hours, which may include ED 737 — Counseling Laboratory, ED 710 — Introduction to School Counseling, ED 714 — Psychology of Vocational Development, and ED 717 — Psychological Tests in Counseling. Students in Community Agency Counseling must complete ED 737 — Counseling Laboratory prior to the Clinical Practice experience.

During the Clinical Practice aspect 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 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 of Clinical Practice I.

Prior to eligibility for Clinical Practice a cumulative average of B or above is required. Any grade less than B must be offset by an A grade, and all incomplete grades must be successfully completed prior to eligibility for Clinical Practice.

**Certificate of Advance Graduate Study in Counseling**

This certificate is intended to be an advanced program for practitioners of counseling functioning in clinics, agencies, schools or colleges. Open to persons with Masters' Degrees in counseling fields with relevant experience, it seeks to enhance a 30 semester hour program of graduate coursework, advanced clinical practice, and training in supervision.

**Goal**

The CAGS in Counseling program is construed as an individually oriented program designed to meet the needs of its students for advanced field work in counseling. It will provide 30 semester hours beyond the Masters' Degree and will be flexible enough to provide for an individual student to become a specialist in a chosen direction, that of agency coordinator, counselor, school psychologist, pupil personnel director, college and student personnel director, supervisor of counseling, etc.

**Description of the Program:**

Students, with an assigned advisor, will plan carefully and maintain a program of study with the assigned advisor amounting to a minimum of 30 credits beyond the Masters' Degree. Contracts and Plans will be reviewed regularly by the student and advisor, as there is a need for control of numbers in both the Clinical Practice and Supervision facets of the Program.

In accumulating the 30 semester hours the student may be engaged in either full-time or part-time study. Full-time study is designed to result in completion of the program in one academic year.

The three major components of the CAGS Program in Counseling are as follows:

1) Advanced Coursework
2) Advanced Clinical Practice
3) Supervision Techniques

As all students are expected to be practitioners, no additional credit is given for amount of previous clinical experience. Six semester hours of Advanced Clinical and six semester hours of Clinical Supervision are required. Three hours of Advanced Psychological Testing will normally be included in all programs. The remaining fifteen hours of semester credits will be flexible depending upon student needs. The program plan agreed to between student and advisor will reflect these. Six semester hours may be,
and in some instances will be, designated to be transferred into the program from other institutions of higher learning at the discretion and consultation of student and advisor.

**Advanced Coursework:** Advanced Psychological Testing will normally be required, in addition to Advanced Clinical Practice and Clinical Supervision. Other courses may be taken in other Suffolk University departments, other Education Department programs, or from outside the University.

**Advanced Clinical Practice:**
Advanced Clinical Practice is a one-year, academic year experience, comprised of Clinical Practice III and Clinical Practice IV in sequence, with three aspects. First is the supervised field experience at an approved placement. The second aspect is scheduled meetings taking place with the University faculty member and with other graduate students in Clinical Practice III-IV. This clinical group will typically number less than eight students. Third, a comprehensive project will be undertaken and completed by each student, demonstrating excellence in a selected area of endeavor within the field of counseling. Such projects may involve presentation before students and faculty, field study and research, and it will be written and accomplished in accordance with a contract as part of the Clinical Practice component of the CAGS program.

**Clinical Supervision:** Every student will undertake a program to develop his/her supervision skills. As with Advanced Clinical Practice, this course will be a full academic year experience, normally undertaken concurrently with Clinical Practice III-IV. Students will meet regularly with a faculty member to build supervision skills, explore theories and techniques, and develop supervision strategies. Supervision students will also be assigned to study under faculty members responsible for training Master’s level Counseling students.

**Requirements for CAGS in Counselor Education:** The completion of a minimum of thirty (30) semester hours of graduate work is required. Candidates must complete all courses with grades of B or better. The faculty reserves the right to require the withdrawal of a student from the CAGS program if in its estimation the probability of his/her success is doubtful. Deficiencies in such areas as clinical and academic performance, motivation and interpersonal dynamics enter into the judgment.

Candidates for the CAGS can generally be expected to complete their requirements in two semesters of full-time study, although a longer period of time can be taken on a part-time basis. However, a maximum of five (5) years is permitted for the completion of a part-time or interrupted program.

**Certificate of Advanced Graduate Study Courses**
(30 Semester Hours)

**Required Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 740 — Clinical Practice III</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Education 743 — Clinical Practice IV</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Education 744 — Supervision Techniques I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Education 745 — Supervision Techniques II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Education 746 — Advanced Psychological Testing</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
**Electives:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 710</td>
<td>Introduction to School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>Education 713</td>
<td>Counseling: Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>Education 714</td>
<td>Psychology of Vocational Development</td>
<td>3</td>
</tr>
<tr>
<td>Education 715</td>
<td>Methods of Research: Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Education 716</td>
<td>Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>Education 717</td>
<td>Psychological Tests in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>Education 718</td>
<td>Individual Intelligence Tests</td>
<td>3</td>
</tr>
<tr>
<td>Education 719</td>
<td>Psychological Development of the Child</td>
<td>3</td>
</tr>
<tr>
<td>Education 720</td>
<td>Psychology of the Young Adult</td>
<td>3</td>
</tr>
<tr>
<td>Education 723</td>
<td>Adult Development</td>
<td>3</td>
</tr>
<tr>
<td>Education 724</td>
<td>Human Behavior in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>Education 726</td>
<td>Family Counseling</td>
<td>3</td>
</tr>
<tr>
<td>Education 727</td>
<td>Drugs and Alcohol Abuse</td>
<td>3</td>
</tr>
<tr>
<td>Education 728</td>
<td>Rehabilitation Counseling</td>
<td>3</td>
</tr>
<tr>
<td>Education 729</td>
<td>Sexual Behavior: Function and Dysfunction</td>
<td>3</td>
</tr>
<tr>
<td>Education 730</td>
<td>Current Issues in Counseling</td>
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<tr>
<td>Education 733</td>
<td>Cross-Cultural Counseling</td>
<td>3</td>
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<tr>
<td>Education 734</td>
<td>Seminar in Counseling</td>
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<tr>
<td>Education 735</td>
<td>Group Counseling: Theory &amp; Process</td>
<td>3</td>
</tr>
<tr>
<td>Education 736</td>
<td>Consultation</td>
<td>3</td>
</tr>
<tr>
<td>Education 753</td>
<td>Independent Study in Counseling</td>
<td>3</td>
</tr>
</tbody>
</table>

*(Course work in related disciplines may be elected subject to approval of faculty advisor.)*

**Admission Requirements:**

1. A grade point average of 3.3 at the Masters level.
2. Masters' Degree from an accredited institution in Counseling, Social Work, or Mental Health area, with a year of supervised field experience as part of that program. (Without supervised field experience, student may be required to enroll first in Clinical Practice I-II.)

**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 are 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:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 337</td>
<td>Creative Arts</td>
<td></td>
</tr>
<tr>
<td>Education 763</td>
<td>Issues in Early Childhood Ed.</td>
<td></td>
</tr>
<tr>
<td>Education 764</td>
<td>Early Childhood Curriculum I</td>
<td></td>
</tr>
<tr>
<td>Education 765</td>
<td>Early Childhood Curriculum II</td>
<td></td>
</tr>
<tr>
<td>Education 766</td>
<td>Designing and Develop. a</td>
<td></td>
</tr>
</tbody>
</table>

Day Care Center
Restricted Electives: 15 Sem. Hrs.

- Education 204 — Educational Psychology
- Education 760 — Open Concept Education
- Education 767 — Marine Education for Elem. Teachers
- Education 768 — Hospitalization of the Young Child
- Education 769 — Young Children (0-8) with Special Needs
- Education 770 — Administration in Early Childhd. Ed.
- Education 773 — The Classroom Teacher as an Artist
- Education 774 — Symbolization: Reading and the Young Child
- Education 775A — Practicum: Early Childhood Education (6 credits)
- Education 775B — Practicum: Early Childhood Education (9 credits)
- Education 776 — Independent Research: Early Childhood
- Education 816 — Introduction to Psychology of Reading Disabilities
- Education 817 — Diagnosis of Reading Disabilities
- Education 840 — Attitudes and Issues/Special Education
- Education 842 — Development Speech and Language with Implications for the Special Needs Child
- Education 847 — Behavior and Classroom Management
- English 379 — Children’s Literature
- Psychology 226 — Theories of Personality
- Psychology 354 — Humanistic Psychology
- Sociology 237 — Alcoholism in American Society
- Sociology 443 — Seminars in Welfare Services

Additional courses may be elected by permission of the Instructor and Program Director.

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.

Ed.M. in Foundations of Education

I. Objectives of the Program: The program leading to a Master of Education degree in Foundations of Education provides teachers and trainers in all sectors of society with insights, skills and field experiences necessary to improve their knowledge and competencies in all aspects of their professional performance. Persons who are concerned with human development and/or the generation of educational/training programs will likewise find this program a useful preparation. It is also appropriate for those who wish to extend their knowledge of the historical, philosophical and sociocultural foundations of education so as to assess present and future educational configurations, as well as for those who seek a solid foundation for study at the certificate or doctoral level.

II. Description of the Program: Candidates for the Ed.M. in Foundations of Education can complete their degree requirements in one calendar year of full-time study or on a part-time basis. A minimum program is 30 semester hours. Degree candidates initiating studies must meet with Professor Joseph M. McCarthy, Program Director, to plan and record a suitable program of studies, and must consult with him at all stages of their progress.

III. Program of Studies:

Required Courses: 12 Sem. Hrs.

- Education 790 — Research and Evaluation Methods
- Education 794 — Social Philosophy of American Education
- Education 796 — Learning Theory and the Improvement of Instruction
- Education 800 — Curriculum Development and Evaluation
Electives: 15 Sem. Hrs.

Electives to be taken will be chosen by the individual student in consultation with the Program Director according to the student’s particular needs and interests. Students must choose one of the following option areas in which to group their electives:

Option A — Master Teacher Program. Intended for elementary and secondary school teachers intent upon improving their skills, this option can combine general courses in instructional improvement with specialized courses in early childhood education, elementary education, middle school education, secondary education, business education, special education, or reading.

Option B — Training/Adult Education. This option provides a concentration appropriate for those interested in the design and implementation of programs in community education, post-graduate programs, and training/instructional programs in public agencies, business and industry.

Option C — Educational Management. Provides an introduction to administrative skills for those who have need of them without intending a career in educational administration. Does not lead to state certification in school administration.

Option D — General Purposes. Intended for persons who wish to develop insight into American education through study of the history, philosophy and sociology of education and/or seek a foundation for advanced graduate study in foundations of education.

Professional Improvement Field Experience (644) 3 Sem. Hrs.

Students should plan to schedule the field experience in the latter stage of their program. The individual is responsible for making arrangements for locale and circumstances in consultation with the Program Director.

Ed.M. — Consulting Teacher of Reading

I. Objectives of the Program: The 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 Consulting Teacher of Reading for all levels. The prospective Consulting Teacher of Reading becomes familiar with numerous reading tests, other evaluative instruments and remedial teaching techniques. The student learns to make diagnostic and prognostic statements about disabled readers. The student becomes aware of the nature and causes of reading disabilities. S/he assesses reading achievement and identifies strengths and weaknesses in pupils reading abilities using standardized and informal reading tests. Based on test results and prescriptive techniques each student plans and participates in a continuous evaluation including the proper selection of materials and techniques to remediate specific deficiencies in word analysis skills, reading comprehension, study skills, rate of comprehension and reading in the content areas.

II. General Description of the Program: The program involves 36 semester hours of work. Degree Candidates are advised to consult with Professor Glen A. Lewandowski, Program Director, at all stages of their program.

III. Program Prerequisites:
1. A candidate must possess a Massachusetts classroom teaching certificate or its equivalent.
2. A candidate must provide documentation of at least one full academic year of employment in the role covered by the certificate in item (1) above.
IV. Program of Studies:

Required Courses: 24 Sem. Hrs.
- Education 815 — Competency in Teaching Reading Skills
- Education 816 — Introduction to the Psychology of Reading Disabilities
- Education 817 — Diagnosis of Reading Disabilities
- Education 823 — Correction of Reading Disabilities
- Education 824 — Practicum in Reading (6 hours credit, see Sections below.)
- Education 825 — Administration and Supervision of Reading Programs
- Education 826 — Seminar in Reading

- Education 760 — Open Concept Education
- Education 763 — Issues in Early Childhood Education
- Education 840 — Perspectives in the Education of Children with Special Needs
- Education 844 — Development of Speech and Language with Implications for Special Needs
- Education 845 — Informal Diagnosis of Classroom Learning
- Education 718 — Individual Intelligence Testing
- English 379 — Children’s Literature
- English 380 — Adolescent Literature
- Psychology 226 — Theories of Personality
- Psychology 356 — Principles of Behavior Modification
- Psychology 433 — Behavior Problems in Childhood and Adolescence
- Psychology 358 — Psychology of Rehabilitation

Candidates are encouraged to enroll in academic courses related to their teaching interests.

V. The Practicum in Reading:

Completion of the practicum with a grade of B or better is the terminal activity in the program. The practicum requires the student to apply the knowledge, evaluative techniques and teaching skills he has been taught. The practicum in reading involves 150 clock hours of contact time between the candidate and a group of remedial readers. It is normally taken for one full academic year for three hours of credit each semester. The approximate number of contact hours per semester is 75.

Master of Education in Special Education

Objectives: The programs are designed to enhance and develop competencies through a pragmatic orientation. Students gain skills in assessing and implementing appropriate educational programs for the special needs child. In addition, candidates studying the generic role gain skills in consulting and in-service education.

Description: Candidates for the Master of Education in Special Education can expect to complete their degree requirements in three semesters of full-time study and one summer session. However, the program may be taken over a longer period of time on a part-time basis. A minimum program involves 36 semester hours.

Programs of Study: Suffolk University offers three programs in Special Education, all certified under the new Massachusetts Certification and Interstate Certification Regulations. The three areas of certification include:
- I. Teacher of Children with Moderate Special Needs (N-9)
- II. Teacher of Children with Moderate Special Needs (5-12)
- III. Generic Consulting Teacher (All levels)

Students have an option of three procedures in each area of certification; the three procedures include:
- A. Master of Education Degree Program
- B. Licensure Program — Minimum Coursework Procedure
- C. Licensure Program — Competency Assessment Procedure

The Licensure Program-Competency Assessment Procedure is a new state certified option, first offered at Suffolk University. While the quality of competence is kept very high during the documentation, the completion of the requirements is kept
at a minimum in cost and time. The Licensure Program — Competency Assessment Procedure enables the student to complete all the certification requirements in one semester as a full-time student (15 credits).

PROGRAMS I & II: MASTER OF EDUCATION DEGREE
TEACHER OF CHILDREN WITH MODERATE SPECIAL NEEDS (Level N-9) and (Level 5-12)

Requirements:
1. Massachusetts classroom teaching certificate
2. 36 semester hours
3. Completion of a research project or its equivalent (to follow ED 853 — Special Education Research Project)

Required Courses: Credits
ED840 — Attitudes & Issues in Special Education ............................................................ 3
ED843 — Cognitive & Emotional Problems of the Special Needs Child ............................... 3
ED844 — Speech & Language Development ................................................................. 3
ED845 — Assessment of Specific Learning Needs .......................................................... 3
ED846 — Individualizing Educational Plans ................................................................. 3
ED847 — Career & Vocational Education of the Special Needs Child ............................. 3
ED848 — Group Process ................................................................................................. 3
ED849 — Behavior & Classroom Management .............................................................. 3
ED853 — Special Education Research Project ............................................................... 3

One of the Following:
ED854 — Practicum: Moderate (N-9) ................................................................. 6
ED855 — Internship: Moderate (N-9) ........................................................................ 6
ED857 — Practicum: Moderate (S-12) ................................................................. 6
ED858 — Internship: Moderate (S-12) ........................................................................ 6

One of the Following:
ED856 — Seminar: Moderate (N-9) ................................................................. 3
ED859 — Seminar: Moderate (S-12) ................................................................. 3

PROGRAM III: MASTER OF EDUCATION DEGREE
GENERIC CONSULTING TEACHER (All levels)

Requirements:
1. Massachusetts classroom teaching certificate
2. Two years of employment in the role of the certificate
3. 36 semester hours
4. Completion of a research project or its equivalent (to follow ED 853, Special Education Research Project)

Required Courses: Credits
ED840 — Attitudes & Issues in Special Education ............................................................ 3
ED843 — Cognitive & Emotional Problems of the Special Needs Child ............................... 3
ED844 — Speech & Language Development ................................................................. 3
ED845 — Assessment of Specific Learning Needs .......................................................... 3
ED846 — Individualizing Educational Plans ................................................................. 3
ED847 — Career & Vocational Education of the Special Needs Child ............................. 3
ED849 — Behavior & Classroom Management .............................................................. 3
ED850 — The Generic Consulting Teacher ................................................................ 3
ED853 — Special Education Research Project ............................................................... 3

One of the Following:
ED860 — Practicum: GCT .......................................................................................... 6
ED863 — Internship: GCT ......................................................................................... 6

The Seminar is taken with the Practicum or Internship:
ED864 — Seminar: GCT .......................................................................................... 3

Programs for Professionals and Paraprofessionals in the area of Severe Special Needs are in the process of being established at Suffolk University.
Graduate Course Descriptions

Education 500 — Practicum (Secondary Student Teaching). The practicum experience must be full-time for one semester and include at least 300 clock hours in a secondary public school setting. The course may be taken by undergraduate senior and graduate students. 1 term — 9 semester hours. Normally offered yearly.

Education 510 — Office Administration. Organization and management of office systems, including work measurement, work simplification, office standards, layout, design, and the supervision of office personnel. 1 term — 3 semester hours. Normally offered alternate years.


Education 514 — Organization Administration, and Curriculum Development for Distributive Education. Organizing, planning, and administrating distributive education programs in secondary schools. Analysis of principles and problems pertaining to current curricula, practices, and materials. Orientation to the duties of the effective coordinator. 1 term — 3 semester hours. Normally offered alternate years.

Education 515 — Office Education Internship for Business Educators. Designed for business educators in all options who need to update or obtain practical full-time business experience. The field site must be approved by the Internship Supervisor. Required of all undergraduate and CAGS business education students. 1 term — 3 to 9 semester hours. Normally offered yearly.

Education 516 — History and Philosophy of Career and Occupational Education. An examination of current research, theories, and principles of career and occupational education. 1 term — 3 semester hours. Normally offered alternate years.

Education 517 — Business Communications. Specialized writing skills required in the business environment. Business writing styles and overcoming barriers to communications. Composition of resumes, memoranda, business letters, and reports. 1 term — 3 semester hours. Normally offered alternate years.

Education 550 — Directed Studies. Members of the Department will hold conference hours with students and will direct their readings in areas of education research which may be of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairman and with the approval of the Dean. 1 term — 3 semester hours.

Education 600 — Educational Management. This course provides students with basic skills in analyzing organizational structures and behaviors in education, engaging in self-analysis of administrative skills and behaviors, fostering organizational change, and planning and managing educational programs. 1 term — 3 semester hours. Normally offered yearly.

Education 603 — Leadership. Trait-factor, group and situational theories of leadership are explored in the context of team-building, participatory decision-making, staff development, resource allocation and future planning. 1 term — 3 semester hours. Normally offered alternate years.

Education 604 — Administrative Communication. Culture-based study of the needs, assumptions and communication behaviors of various educational constituencies provides the basis for development of effective communication with professional colleagues and improvement of school-community relations. 1 term — 3 semester hours. Normally offered alternate years.

Education 605 — Planning and Evaluation. Examines management and evaluation by objectives, group process and mathematical models of decision-making, use of forecasting and strategy information, and cost-benefit analysis techniques, with emphasis on human values, equitable distribution of resources, and accountability. 1 term — 3 semester hours. Normally offered alternate years.
Education 606 — American Middle Schooling: Processes and Problems. 
Examines the rationale, role, structure and function of middle, intermediate and junior high schools, with attention to the sociology of student populations, curricular and instructional trends, administrative problems and future planning. 1 term — 3 semester hours. Normally offered every third year.

Examines the rationale, role, structure and function of high schools, with attention to the sociology of student populations, curricular and instructional trends, administrative problems and future planning. 1 term — 3 semester hours. Normally offered every third year.

Education 608 — Community Education: Processes and Problems. 
Examines the rationale, role, structure and function of lifelong learning, with attention to interagency collaboration, citizen participation, use of public facilities and community resources, curricular and instructional trends, and future planning. 1 term — 3 semester hours. Normally offered every third year.

Education 610 — Discipline in Schools. 
The course explores the role of administrators and teachers in promoting effective positive discipline to promote learning. Philosophical and legal considerations provide the basis for an eclectic approach to practical techniques. 1 term — 3 semester hours. Normally offered every third year.

Education 613 — Legal Aspects of Schools Administration. 
Examines legal problems facing school administrators, including tort liability, rights of teachers and students, contracts, tenure, confidentiality of records, and legal aspects of expenditure, hiring and discrimination. 1 term — 3 semester hours. Normally offered yearly.

Education 614 — Instructional Supervision. 
A field-based introduction to the theory and technique of promoting constructive change in teaching through use of humanistic supervision methods emphasizing supportive communication and use of recent research in teaching and learning. 1 term — 3 semester hours. Normally offered yearly.

Education 615 — The Principalship. 
Considers the role and function of the principal, stressing personnel management, staff development and supervision, organizational development, school-community relations, and managerial accountability. Field-based study of the principalship at the appropriate level is required. 1 term — 3 semester hours. Normally offered yearly.

Education 616 — Advanced Supervision. 
Explores cross-cultural dimensions of supervision, special problems and techniques in employee motivation, strategies for dealing with problem personnel, modes of coping with job actions/strikes, and other difficult supervision situations. 1 term — 3 semester hours. Normally offered every third year.

Education 617 — Personnel Management. 
Problems of recruiting, selecting, developing and evaluating personnel are treated, with emphasis on supportive supervision and effective communication. 1 term — 3 semester hours. Normally offered alternate years.

Education 618 — Collective Bargaining and Negotiation. 
This course will deal in depth with labor management contract negotiations. 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 alternate years.

Education 619 — Proposal Writing and Grant Development. 
Surveys public and private sources of contracted funding for research and development and provides experience in project planning and proposal writing. Management of contractual funds is covered. 1 term — 3 semester hours. Normally offered alternate years.

Education 623 — The Manager and the Organization. 
Group activities and simulations directed at analysis and solution of case studies of common problems confronting managers. 1 term — 3 semester hours. Normally offered every third year.

Education 625 — 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 alternate years.
Education 626 — Legal Aspects of Higher Education. This course deals with the legal problems facing institutions of higher education, including (but not limited to) tort liability, contracts, tenure, student rights, campus security, confidentiality of records, employee relations and discrimination. 1 term — 3 semester hours. Normally offered yearly.

Education 627 — Junior/Community College: Processes and Problems. Examines the rationale, role, structure and function of public and private two-year institutions, with attention to the sociology of student populations, curricular and instructional trends, administrative problems and future planning. 1 term — 3 semester hours. Normally offered every third year.

Education 628 — Crucial Issues in Higher Education. Examines major current issues of social policy and institutional management in higher education as well as proposals for their resolution. 1 term — 3 semester hours. Normally offered every third year.

Education 629 — Higher Education Finance. Explores public, private and institutional sources of higher education finance, as well as techniques and problems of institutional budgeting. 1 term — 3 semester hours. Normally offered every third year.

Education 630 — Seminar in Higher Education. An advanced examination of processes and problems in higher education, with the subject matter concentrating upon areas of particular interest to the seminar group. 1 term — 3 semester hours. Normally offered every third year.

Education 635 — Field Project: Organizational Analysis. Intensive study of the structure and functioning of an institution or organization, with special reference to finance, leadership, communication and diagnosis of organizational problems. 1 term — 3 semester hours. Normally offered yearly.

Education 636 — Field Project: Organizational Development. Intensive study of methods and models of organizational change resulting in a detailed prescription for organizational development activities in a specific institution or organization. 1 term — 3 semester hours. Normally offered yearly.

Education 637 — Field Project: Program Planning and Development. Intensive exercise in the production of a program model, including rationale, design, staffing plan, funding and budget, and implementation schedule. 1 term — 3 semester hours. Normally offered yearly.

Education 638 — Field Project: Higher Education. Advanced individual study of a problem in higher education, including provision for application in a specific institution or higher education agency. 1 term — 3 semester hours. Normally offered yearly.

Education 639 — Writing for Professional Publication. Individualized study of research/development dissemination media and preparation of a publishable report or article. 1 term — 3 semester hours. Normally offered yearly.

Education 640 — Readings and Research. Advanced individual directed study of a topic of particular interest in administration. 1 term — 3 semester hours. Normally offered yearly.


Education 644 — Professional Improvement Field Experience. Intensive study of alternative ways of carrying out educational roles, including observations and thorough analysis of a given organization, institution or program. 1 term — 3 semester hours. Normally offered yearly.

Education 645 — Practicum in Administration. Application of administrative skills in an appropriate field placement under guidance of a cooperating administrator and a university supervisor. Open only to degree candidates in educational administration. Prerequisite: Education 644. 1 term — 6 semester hours. Normally offered yearly.


Education 654 — Introduction to Research Methods in Business and Office Education. Planning, and conducting research and evaluation studies. Examination of current research in business and office education. Each student develops a limited research proposal. 1 term — 3 semester hours. Normally offered yearly.

Education 655 — Research Seminar in Business and Office Education: Carrying out the research study project approved in 654 with attendance and participation at weekly seminar meetings. Prerequisite: Education 654. 1 term — 3 semester hours. Normally offered yearly.

Education 656 — Research and Improvement in Basic Business Instruction. Study of objectives, content methods, teaching aids, and evaluation procedures for general business, business law, consumer education, economics, and economic geography. Demonstration of teaching techniques. Analysis of research related to instructional strategies. 1 term — 3 semester hours. Normally offered alternate years.


Education 658 — Research and Improvement in Typewriting Instruction. Study of the psychological principles pertaining to learning typewriting. Evaluation and measurement. Review of significant research. Motivational techniques, demonstrations, and effective use of media for individualized and group instruction. 1 term — 3 semester hours. Normally offered yearly.

Education 659 — Research and Improvement in Bookkeeping, Accounting, Data Processing, and Business Mathematics Instruction. Study of objectives, methods, teaching aids, and content in bookkeeping, accounting, data processing and business mathematics. Analysis and evaluation of current research. Motivational techniques, demonstrations, and effective use of media for individualized and group instruction. 1 term — 3 semester hours. Normally offered yearly.

Education 660 — Administration and Supervision of Business Education Programs. Administration and supervision of business education department and programs. Staffing, public relations, advisory committees, inventories, equipment selection, and supervisory problems. Case studies and field experience. Sources of funding and grant preparation. 1 term — 3 semester hours. Normally offered alternate years.

Education 663 — Business Education for Teachers of Students with Special Needs. This course will assist business education teachers in examining their attitudes toward special needs students and prepare them to meet the challenge of providing these students with appropriate vocational programs. Development of instructional materials. 1 term — 3 semester hours. Normally offered alternate years.

Education 664 — Individualized Instruction for Business Education. Multi-media resources for individualized and independent instruction. Preparation of audio-tutorial projects, learning contracts, and LAPS. 1 term — 3 semester hours. Normally offered alternate years.

Education 665 — Continuing Education for Business. Philosophy of adult education. The role of community agencies, industry, and federal and state agencies in continuing education. Introduction to needs analysis. Design, implementation, and marketing of adult business education programs. 1 term — 3 semester hours. Normally offered alternate years.

Education 666 — Teaching Methodology and Instructional Materials for Adult Business Education. Methods of teaching business subjects to the adult learner. Special characteristics of the adult learner and appropriate instructional materials and techniques. 1 term — 3 semester hours. Normally offered alternate years.
Education 667 — Office Administration and Records Management. Designed for individuals preparing for professional office administration. Topics include office functions and environment, management control systems, and principles of office organization. Efficient methods of processing, controlling, and disposing of organizational records. 1 term — 3 semester hours. Normally offered alternate years.

Education 668 — Introduction to Office Technologies. Developments in electronic technology and its impact on management and employees. Survey of technological advances in word processing, micrographics, reprographics, data processing, and telecommunications. Impact of technology on interpersonal relationships and communications. 1 term — 3 semester hours. Normally offered alternate years.

Education 669 — Personnel Administration for Business. The study of the personnel function in organizations, including manpower needs, staffing and development, organization and individual appraisal, employee compensation and benefits, safety and health, approaches to employee problems and labor relations. 1 term — 3 semester hours. Normally offered alternate years.

Education 670 — Data Processing: Principles and Concepts. An introduction to the principles and concepts of data processing systems, including manual, mechanical, punched-card, and electronic systems. Appropriate terminology and trends in computer hardware are explored from an office management standpoint. 1 term — 3 semester hours. Normally offered alternate years.


Education 674 — Conference and Workshop Organization and Public Relations. Introduction to organizing conferences, workshops, seminars, and training programs for business and industry. Promoting and marketing educational programs. 1 term — 3 semester hours. Normally offered alternate years.

Education 700 — Business Education: Independent Projects. Advanced individual, intensive study of a problem in business education. Requires written approval by the Director of Business Education. 1 term — 1-3 semester hours. Normally offered yearly.

Education 710 — Introduction to School Counseling. The foundation course for those enrolled in the school counseling program. The philosophical and theoretical foundations for school counseling are investigated, as well as the roles and functions of the school counselor. 1 term — 3 semester hours. Normally offered yearly.

Education 713 — 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 714 — 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 and vocational concerns of women and minorities are also investigated. 1 term — 3 semester hours. Normally offered yearly.

Education 715 — Methods of Research: Statistics. Principles and methods associated with educational research. Descriptive and inferential statistical techniques (through Analysis of Variance) and design forms for research are presented. Emphasis on application of statistics and research designs to practical situation. 1 term — 3 semester hours. Normally offered yearly.

Education 716 — Psychopathology. The study of the nature of psychopathology; central concepts and processes. Psychogenesis, psychodynamics, role of anxiety and clinical assessment. Prerequisite: Education 713. 1 term — 3 semester hours. Normally offered yearly.
Education 717 — Psychological Tests in Counseling. Evaluating, administering, scoring, interpreting, and reporting results of standardized tests of personality, aptitude and achievement. Self-study, development and assessment of testing programs, appropriate use of tests, and critical issues will be explored. 1 term — 3 semester hours. Normally offered yearly.

Education 718 — Individual Intelligence Testing. Administration, scoring and interpretation of the Wechsler Scales (WAIS and WISC). Supervision is available to students who may wish to learn how to use other common tests of intellectual functioning. 1 term — 3 semester hours. Normally offered yearly.

Education 719 — Psychological Development of the Child. Systematic approach of developmental features, societal expectations and psychological determinants of children from birth through early adolescence. Special emphasis is placed on the integrative roles of child, parent and counselor. 1 term — 3 semester hours. Normally offered alternate years.

Education 720 — Psychology of the Young Adult. Examination of the developmental tasks of this critical life cycle (age 18-35). Inter- psychic, interpersonal and intracultural stress features will be explored. 1 term — 3 semester hours. Normally offered yearly.

Education 723 — Adult Development. The study of research and theory relating to the psychological development of the adult through midlife and the later years. Issues such as family relations, career change, retirement, and dying will be highlighted. Prerequisite: Education 713. 1 term — 3 semester hours. Normally offered yearly.

Education 724 — Human Behavior in Organizations. A study of communication styles and patterns within organizations and the potential roles of counselor as an organizational facilitator. 1 term — 3 semester hours. Normally offered yearly.

Education 725 — 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 community mental health models. 1 term — 3 semester hours. Normally offered yearly.

Education 726 — Family 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 727 — Drug and Alcohol Abuse. A study of the origin, causes and ramifications of drug and alcohol abuse. Various stages and manifestations will be considered and current treatment modalities will be explored. 1 term — 3 semester hours. Normally offered yearly.

Education 728 — Rehabilitation Counseling. Examination of the psychological aspects of illness and disability. 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 alternate years.

Education 729 — Sexual Behavior: Function and Dysfunction. The anatomy, physiology and psychology of human sexual functioning are reviewed. Sexual aberrations are explored and the etiology, dynamics and treatment of the various dysfunctions are studied. Prerequisite: Education 713. 1 term — 3 semester hours. Limited to Counselor Education students. Normally offered alternate years.

Education 730 — Current Issues in Counseling. An examination of the major issues confronting counselors in schools and community settings. Licensure, counselor training and professional and inter-agency relationships, as well as newly emerging issues will be studied in depth. 1 term — 3 semester hours. Normally offered yearly.

Education 733 — Cross-Cultural Counseling. A survey of problems and issues confronting minority populations. Where traditional counseling modalities provide only limited understanding viable alternative counseling approaches will be explored. 1 term — 3 semester hours. Normally offered alternate years.
Education 734 — Seminar in Counseling Psychology. The study of selected advanced topics in counseling psychology determined by the class. Prerequisite: Education 713. 1 term — 3 semester hours. Normally offered alternate years.

Education 735 — Group Counseling: Theory and Process. 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. 1 term — 3 semester hours. Normally offered yearly.

Education 736 — 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/consultant are also investigated. Prerequisite: Education 710 or Education 713. 1 term — 3 semester hours. Normally offered yearly.

Education 737 — Counseling Laboratory. An introduction to the fundamental techniques and methods of counseling, self-examination, and field visits in relation to the role of counselor. The course will involve skill building through role playing, video and audio taping. 1 term — 3 semester hours. Normally offered yearly.

Education 738 — Clinical Practice I. Application of Counseling skills in an assigned field placement (school or agency). Students will spend fifteen hours per week in field work and participate in weekly group sessions at the University for the evaluation of counseling progress. Open only to degree candidates in Counselor Education. Prerequisite: Education 713. 1 term — 3 semester hours. Normally offered yearly.

Education 739 — Clinical Practice II. Continuation of Education 732 with an opportunity to assume increased responsibility for clients under supervision. 1 term — 3 semester hours. Normally offered yearly.

Education 740 — Clinical Practice III. Advanced application of counseling skills in an approved field placement (school or agency). Participation in group sessions for the evaluation of counseling progress. Open only to matriculated CAGS degree candidates in Counseling. Prerequisite: Education 733. 1 term — 3 semester hours. Normally offered yearly.

Education 743 — Clinical Practice IV. Continuation of Clinical Practice III. Increased counseling responsibilities. Exploration of an area of individual specialization. 1 term — 6 semester hours. Normally offered yearly.

Education 744 — Supervision Techniques I. Examination of theories and techniques of clinical supervision. Direct responsibility for assisting in the supervision of Master's Degree students. Prerequisite — CAGS degree candidacy in Counseling. 1 term — 3 semester hours. Normally offered yearly.

Education 745 — Supervision Techniques II. Continuation of Clinical Supervision I. Increased responsibility for supervision. Prerequisite: Education 744. 1 term — 3 semester hours. Normally offered yearly.

Education 746 — Advanced Psychological Testing. Principles and techniques of selected projective testing. Administration, interpretation, and psychological report writing. Prerequisite: Education 715 and Education 716. 1 term — 3 semester hours. Normally offered yearly.

Education 750 — Independent Study Counseling. Intensive study of an aspect of counseling psychology in consultation with a faculty coordinator. 1 term — 3 semester hours. Normally offered yearly.

Education 760 — Open Concept Education. Topics will include the open concept of 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. 1 term — 3 semester hours. Normally offered yearly.

Education 763 — Issues in Early Childhood Education. Explores basic assumptions upon which recently developed early childhood programs rest. Programs 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 764 — Early Childhood Curriculum I. Emphasized 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 765 — Early Childhood Curriculum II. Emphasized 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 766 — 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 structure, budgeting and financing center design and development (indoor and outdoor), staffing, caretaking and curriculum. 1 term — 3 semester hours. Normally offered yearly.

Education 767 — Marine Education for Elementary Teachers. New England Aquarium staff and exhibits provide resources for developing marine curriculum materials to use in elementary classrooms. 1 term — 3 semester hours. Normally offered alternate years.

Education 768 — Hospitalization and the Young Child. Review the normal growth and development of children and the implications for emotional, social, psychological and physical care during hospitalization. 1 term — 3 semester hours. Normally offered alternate years.

Education 769 — Young Children with Special Needs. Recognition of learning and developmental disabilities in children, the impact of disabilities on the learning process, and consequences of delayed intervention will be addressed. 1 term — 3 semester hours. Normally offered alternate years.

Education 770 — Administration in Early Childhood. Focus will be on the process of administration in various early childhood education settings. Students will examine their own assumptions about leadership and decision making. It encourages the student to develop observational and problem solving skills within the organization and in the environmental setting of the organization. 1 term — 3 semester hours. Normally offered alternate years.

Education 773 — The Classroom Teacher as an Artist. This course will directly involve the teacher in projects developing his own art skills and appreciation. Concentrated drawing and design, including calligraphy, will be supplemented by gallery, shop and museum visits to further deepen the teachers understanding. 1 term — 3 semester hours. Normally offered alternate years.

Education 774 — Symbolization: Reading and the Young Child. Studies symbolism and how it evolves into formalized aspects of developmental reading in the young child. Reviews areas such as language and thinking in relationship to these developmental patterns in the years prior to “beginning reading.” Useful materials will be created and shared. 1 term — 3 semester hours. Normally offered alternate years.

Education 775A, 775B — Practicum in Early Childhood Education. For those students who wish additional experience working with young children, an eight week or twelve week practicum may be scheduled in a kindergarten or nursery school program. 8 weeks — 6 semester hours. 12 weeks — 6-9 semester hours. Normally offered yearly.

Education 776 — Independent Research, Early Childhood. Conference hours will be held with students and readings will be directed in specific areas of research in early childhood education. Projects of this sort will be authorized only in unusual circumstances and upon the approval of the Department Chairman. 1 term — 3 semester hours.

Education 790 — Research and Evaluation Methods. Heuristic, analytic and synthetic techniques of research are fully explored with special reference to conducting institutional research, needs assessments and evaluations in an open and ethical fashion. 1 term — 3 semester hours. Normally offered yearly.
Education 793 — 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 794 — Social Philosophy of American Education. Explores the interplay of social forms and idea systems in shaping the process of schooling, with particular emphasis upon practical dimensions of social class/ethnic/racial factors in group relations and communication. 1 term — 3 semester hours. Normally offered alternate years.

Education 795 — Social Psychology of Education. This course studies the impact of social attitudes, motivations, perceptions and interaction on learning. Major attention is devoted to the climate of the school and leadership behavior in both school and classroom. 1 term — 3 semester hours. Normally offered in alternate years.

Education 796 — Learning Theory and the Improvement of Instruction. Examines major contemporary theories of learning so as to suggest instructional improvement strategies on the basis of recent research in teaching and learning. 1 term — 3 semester hours. Normally offered alternate years.

Education 800 — Curriculum Development and Evaluation. A study of the principles and techniques of curriculum management analyzing both empirical/behavioral and reconceptualist approaches, with field-based applications of theory. 1 term — 3 semester hours. Normally offered yearly.

Education 803 — Design, Coordination and Teaching of Training/Instructional Programs. This course will develop planning, managing and instructional skills appropriate to training/instructional programs concerned with all dimensions of professional improvement and skills development in specialized school programs, postgraduate programs, public agencies, business and industry. 1 term — 3 semester hours. Normally offered every third year.

Education 804 — Improvement of Instruction in Community Education. Examination of objectives, contents, methods, teaching aids and evaluative procedures in community education, with field-based exposure to appropriate teaching techniques. 1 term — 3 semester hours. Normally offered every third year.

Education 805 — Educational Futures. Explores the methodology of futures research to specify the means of forecasting social change and identified possible future scenarios for education. 1 term — 3 semester hours. Normally offered every third year.

Education 810 — Field Project: Philosophy of Education. Intensive study of the philosophical assumptions governing goal statements and program structure in an educational endeavor resulting in recommendations for fruitful organizational change. 1 term — 3 semester hours. Normally offered alternate years.

Education 813 — Field Project: Sociology of Education. Intensive study of the sociology of disparate educational organizations, with attention to intergroup conflicts and recommendations for appropriate change strategies. 1 term — 3 semester hours. Normally offered alternate years.

Education 815 — Competency in Teaching Reading Skills. Concentrates on the reading process, word recognition, comprehension skills and content area reading. Reviews commercially prepared materials. Students demonstrate competency designing and conducting tests and lessons for reading skills. Requires field-based experiences. 1 term — 3 semester hours. Normally offered alternate years.

Education 816 — Introduction to the Psychology of Reading Disabilities. Analysis of the origin, nature, identification and remediation of reading disabilities. Discussion includes multiple causes of reading disability, research, resources, and planning a remedial reading program. Requires field-based experiences. Prerequisite: Education 815 or concurrent enrollment in Education 815. 1 term — 3 semester hours. Normally offered alternate years.
Education 817 — Diagnosis of Reading Disabilities. Demonstration, administration and analysis of standardized, informal and criterion-referenced diagnostic reading tests. Requires a diagnostic-corrective case study for a disabled reader. Requires field-based experiences. Prerequisites: Education 815, 816, or concurrent enrollment in Education 816. 1 term — 3 semester hours. Normally offered alternate years.

Education 823 — Correction of Reading Disabilities. Continuation of Education 817 where techniques, materials and case studies are discussed. Students submit logs describing 2 diagnostic-corrective programs. Case studies prepared by students are presented. Requires substantial field-based experience. Prerequisite: Education 817. 1 term — 3 semester hours. Normally offered alternate years.

Education 825 — Administration and Supervision of Reading Programs. Acquaints students with a variety of reading programs through materials and discussion. Administration of reading programs, roles of faculty members, and laws relating to reading programs are discussed. Case studies demonstrate concepts some field-based experiences. Prerequisite: Consent of the instructor. 1 term — 3 semester hours. Normally offered alternate years.

Education 826 — Seminar in Reading. Appraises research in the reading field, acquaints the student with research techniques and results. Requires presentation and defense of the results of reading research. Prerequisites: Education 815, 816, 817 or consent of instructor. 1 term — 3 semester hours. Normally offered alternate years.

Education 829 — Independent Research in Reading I. Contemporary research under the direction of the Program Director in the field of Reading and the Language Arts. Prerequisite: Consent of the Program Director. 1 term — 3 semester hours. Normally offered alternate years.

Education 829 — Independent Research in Reading II. A second course for contemporary research under the direction of the Program Director in the field of Reading and the Language Arts. Prerequisite: Consent of the Program Director. 1 term — 3 semester hours. Normally offered alternate years.

Education 830 — Practicum in Reading I. Requires teaching a small group (3-6) of remedial readers. Supervised teaching emphasizes test interpretation, program planning, instructional techniques, group process evaluation, and report preparation. A minimum grade of “B” required. Substantial field-based experiences required. Prerequisites: Education 816, 817, and, 823. 1 term — 3 semester hours. Normally offered alternate years.

Education 831 — Practicum in Reading II. Continuation of Practicum in Reading I. Prerequisites: Education 816, 817, 823, and 830 or concurrent enrollment in Education 830. 1 term — 3 semester hours. Normally offered alternate years.

Education 840 — Attitudes and Issues in Special Education. Focus on attitudinal and environmental barriers, and major legislation affecting people with disabilities. 1 term — 3 semester hours. Normally offered yearly.

Education 843 — Cognitive and Emotional Problems of the Special Needs Child. The students learn how formal and informal tests can be used to indicate developmental progression and developmental deviation. 1 term — 3 semester hours. Normally offered yearly.

Education 844 — Speech and Language Development. The acquisition and normal development of speech and language is explored with a particular emphasis upon language disorders. 1 term — 3 semester hours. Normally offered yearly.

Education 845 — Assessment of Specific Learning Needs. Students focus on using and interpreting appropriate assessment and evaluative procedures. 1 term — 3 semester hours. Normally offered yearly.

Education 846 — Individualizing Educational Plans. This course examines the development and implementation of individual educational plans. 1 term — 3 semester hours. Normally offered yearly.

Education 847 — Career and Vocational Education for the Special Needs Child. This course focuses on implementing career and vocational education with students who have special needs. 1 term — 3 semester hours. Normally offered yearly.
Education 848 — Group Process. Students develop communication skills and group process techniques. Developing self-esteem and working with parents of special needs children are major topics. 1 term — 3 semester hours. Normally offered yearly.

Education 849 — Behavior and Classroom Management. Basic principles of behavior and management are adapted to the classroom situation. 1 term — 3 semester hours. Normally offered yearly.

Education 850 — The Generic Consulting Teacher. Emphasis is on techniques of consultation and in-service education. 1 term — 3 semester hours. Normally offered yearly.

Education 853 — Special Education Research Project. Students design and implement one of the following: basic, experimental research; an innovative educational approach; or, an in-service workshop pertaining to special education. 1 term — 3 semester hours. Normally offered yearly.

Education 854 — Practicum: Moderate (N-9). The supervised teaching experience involves working with students in grades nursery through nine who have moderate special needs. 1 term — 6 semester hours. Normally offered each semester.

Education 855 — Internship: Moderate (N-9). An internship must be less than full-time, but at least one-fifth time, employment in the role and at the certification level sought. 1 term — 6 semester hours. Normally offered each semester.

Education 856 — Seminar: Moderate (N-9). This is a weekly seminar which is designated as an integral part of the practicum or internship. 1 term — 3 semester hours. Normally offered each semester.

Education 857 — Practicum: Moderate (5-12). The supervised teaching experience involves working with students in grades five through twelve who have moderate special needs. 1 term — 6 semester hours. Normally offered each semester.

Education 858 — Internship: Moderate (5-12). An internship must be less than full-time, but at least one-fifth time, employment in the role and at the certification level sought. 1 term — 6 semester hours. Normally offered each semester.

Education 859 — Seminar: Moderate (5-12). This is a weekly seminar which is designated as an integral part of the practicum or internship. 1 term — 3 semester hours. Normally offered each semester.

Education 860 — Practicum: Generic Consulting Teacher. The supervised teaching experience involves implementing the role of the Generic Consulting Teacher. 1 term — 6 semester hours. Normally offered each semester.

Education 863 — Internship: Generic Consulting Teacher. An internship must be less than full-time, but at least one-fifth time, employment in the role and at the certification level sought. 1 term — 6 semester hours. Normally offered each semester.

Education 864 — Seminar: Generic Consulting Teacher. This is a weekly seminar which is designated as an integral part of the practicum or internship. 1 term — 3 semester hours. Normally offered each semester.

Education 865 — Practicum: Severe. The supervised teaching experience involves working with students who have severe special needs. 1 term — 6 semester hours. Normally offered each semester.

Education 866 — Internship: Severe. An internship must be less than full-time, but at least one-fifth time, employment in the role and at the certification level sought. 1 term — 6 semester hours. Normally offered each semester.

Education 867 — Seminar: Severe. This is a weekly seminar which is designated as an integral part of the practicum or internship. 1 term — 3 semester hours. Normally offered each semester.

Education 868 — Special Education: Independent Study (N-9). The student works independently to document and/or demonstrate specified competencies in the area of working with students in grades nursery through nine who have moderate special needs. 1 term — 3, 6, or 9 semester hours. Normally offered each semester.
Education 869 — Special Education: Independent Study (5-12). The student works independently to document and/or demonstrate specified competencies in the area of working with students in grades five through twelve who have moderate special needs. 1 term — 3, 6, or 9 semester hours. Normally offered each semester.

Education 870 — Special Education: Independent Study (Generic Consulting Teacher). The student works independently to document and/or demonstrate specified competencies involved in implementing the role of the Generic Consulting Teacher. 1 term — 3, 6, or 9 semester hours. Normally offered each semester.

Education 873 — Special Education: Independent Study (Severe). The student works independently to document and/or demonstrate specified competencies in the area of working with students who have severe special needs. 1 term — 3, 6, or 9 semester hours. Normally offered each semester.

Education 874 — Educational Principles and Programs for the Severely Handicapped. Emphasis on educational programming for severely and profoundly handicapped students. Includes evaluation of existing programs and strategies. 1 term — 3 semester hours. Normally offered yearly.
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 men and women 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 2100 students of all ages are enrolled evenings in the College of Liberal Arts and Sciences and School of Management, and nearly 700 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, sciences, 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 one evening a week. Courses meeting once a week meet for a double period, usually from 4:30 to 7:10 p.m., 5:30 to 8:10 p.m., or from 7:15 to 9:55 p.m. 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. Most courses carry three semester hours of credit.

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 Suffolk Evening Voice is published periodically during the year by evening students and features items of special interest to evening students.

**Degrees and Major Fields of Study**

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:
A.B. and B.S. Degrees

The A.B. and B.S. degrees are available to Evening Division Students in the following areas:

Chemistry Government Philosophy
Communications History Psychology
and Speech Life Studies Sociology

For specific requirements of A.B. and B.S. programs, see pp. 35 to 40.

Requirements for other majors such as biochemistry, biology, clinical chemistry, economics, English, French, Humanities, mathematics, physics, and Spanish 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.

B.S. in Journalism

For specific requirements of the B.S.J. programs, see p. 39.

B.S. in General Studies

Normally Available Evenings Only

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 G.S. candidates may choose a major program from among the following interdepartmental programs:

Interdepartmental Majors

Humanities: courses in humanities, literature, philosophy, speech, journalism
Physical Science: courses in chemistry, physics, mathematics, computer science
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 their principal Departmental Chairperson.

For specific requirements of the B.S. in G.S. program see p. 40.
Summer Session

Summer provides an opportunity for study, whether for pleasure, acceleration, or remedial purposes. Suffolk University's quiet, air-conditioned buildings offer 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 consists of two seven-week sessions, with the exception of special short courses and institutes (particularly in Education). Evening students normally take one or two courses, but may take a third course if their employment schedule is not too demanding. The seven-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 University 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.
- Homemakers and other women who want to continue their education.

Students attending Suffolk University Summer Session may enroll in a Regular Degree 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. Special Students are students who are not presently working toward a Suffolk degree, but who wish to take summer courses at Suffolk University. 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 offerings 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 institu-
tions 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 multi-disciplinary nature.

Interested students should apply through the Biology Department Chairperson.
In index —
incl terms such as
options, related elec.
restricted elec. etc.

Phil 113 + C.Spc 103 = Logic / Rhetoric / Logic