

# Catalog 1980 - 81

**Sacred  
Heart  
University**

Fairfield, Connecticut

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Ruth Kelley, Editor



# **Sacred Heart University**

**Fairfield, Connecticut**

*Serving Southwestern Connecticut*

**ACADEMIC CATALOG 1980-1981**

**April 1980**

**Volume XII**

## ACCREDITATION

The University is accredited by the New England Association of Schools and Colleges and is approved by the Connecticut State Education Department, Bureau of Veterans Education and the education of veterans and other eligible persons in accordance with the provisions of Public License 89-358.

The University belongs to the following national associations:

American College Health Association  
American Council on Education  
American Library Association  
American Mathematical Society  
Association of American Colleges  
Association of Departments of English  
Association for Intercollegiate Athletics for Women  
College Entrance Examination Board  
College Entrance Examination Board—Scholarship Service  
Connecticut Association of Colleges and Universities for Teacher Education  
Connecticut Conference of Independent Colleges  
Council for Advancement and Support of Education  
Eastern Association for Intercollegiate Athletics for Women  
Eastern College Athletic Conference  
Eastern College Basketball Association  
Mathematical Association of America  
National Association of Student Personnel Administrators  
National Catholic Educational Association  
National Collegiate Athletic Association  
National Collegiate Basketball League  
New England College Athletic Conference  
New England Collegiate Basketball League

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# Academic Calendar 1980-81\*\*

## FALL SEMESTER 1980

Fall Orientation & Registration	Aug. 25-29
Labor Day*	Mon. Sep. 1
Classes Begin	Wed. Sep. 3
Columbus Day - No Classes	Mon. Oct 13
Last Day to Withdraw	Wed. Oct. 8
Last Day to Remove incomplete for Spring & Summer Semesters	Wed. Oct. 15
Mid-semester Exam Period	Oct. 14-20
Mid-semester Grades Due	Tues. Oct 21
Veteran's Day	Tues. Nov. 11
Thanksgiving Recess-No Classes	Nov. 26-30
Thanksgiving & Friday After*	Nov. 27-28
Last Day of Classes(Day)	Fri. Dec. 13
Last Day of Classes(Cont. Ed.)	Mon. Dec. 15
Final Exam Period (Day)	Dec. 15-22
Final Exam Period (Cont. Ed.)	Dec. 16-22
Final Grades Due	Mon. Dec. 29
Christmas Holiday*	Dec. 24-25
New Year's Day*	Dec. 31-Jan. 1

## SPRING SEMESTER 1981

Spring Orientation & Registration	Jan. 8-Jan. 14
Classes Begin	Thur. Jan. 15
Washington's Birthday*	Mon. Feb. 16
Last Day to Withdraw	Thur. Feb. 19
Last Day to Remove incomplete for Fall semester	Thur. Feb. 26
Mid-Semester Exam period	March 2-7
Mid-Semester Grades due	Mon. Mar. 9
Spring Recess	March 9-14
Easter Holiday, Holy Thursday & Good Friday*	April 16-19
Last Day of Classes(Day)	Fri. May 1
Last Day of Classes(Cont. Ed.)	Mon. May 4
Final Exam Period (Day)	May 4-11
Final Exam Period (Cont. Ed.)	May 5-11
Commencement	Sat. May 16
Memorial Day*	Mon. May 25
Independence Day*	Fri. July 3

\*Days Observed as Holidays—University Closed.

\*\*Tentative.

# Academic Calendar 1981-82\*\*

## FALL SEMESTER 1981

Fall Orientation & Registration  
 Labor Day\*  
 Classes Begin  
 Columbus Day - No Classes  
 Last Day to Withdraw  
 Last Day to Remove incomplete for Spring &  
 Summer Semesters  
 Mid-semester Exam Period  
 Mid-semester Grades Due  
 Veteran's Day  
 Thanksgiving Recess-No Classes  
 Nov. 26-29  
 Thanksgiving & Friday After\*  
 Last Day of Classes(Day)  
 Last Day of Classes(Cont. Ed.)  
 Final Exam Period (Day)  
 Final Exam Period (Cont. Ed.)  
 Final Grades Due  
 Christmas Holiday\*  
 New Year's Day\*

Aug. 24-28  
 Mon. Sep. 7  
 Wed. Sep. 2  
 Mon. Oct 12  
 Wed. Oct. 7  
  
 Wed. Oct. 14  
 Oct. 13-19  
 Tues. Oct 20  
 Wed. Nov. 11  
  
 Nov. 26-27  
 Fri. Dec. 12  
 Mon. Dec. 14  
 Dec. 14-21  
 Dec. 15-21  
 Mon. Dec. 28  
 Dec. 24-25  
 Jan. 1

## SPRING SEMESTER 1982

Spring Orientation & Registration  
 Classes Begin  
 Washington's Birthday\*  
 Last Day to Withdraw  
 Last Day to Remove incomplete for Fall semester  
 Mid-Semester Exam period  
 Mid-Semester Grades due  
 Spring Recess  
 Easter Holiday, Holy  
 Thursday & Good Friday\*  
 Last Day of Classes(Day)  
 Last Day of Classes(Cont. Ed.)  
 Final Exam Period (Day)  
 Final Exam Period (Cont. Ed.)  
 Commencement  
 Memorial Day\*  
 Independence Day\*

Jan. 14-Jan. 20  
 Thur. Jan. 21  
 Mon. Feb. 15  
 Thur. Feb. 25  
 Thur. March 4  
 March 1-5  
 Mon. Mar. 8  
 March 8-13  
 April 8-11  
 April 8-11  
 Fri. May 7  
 Mon. May 10  
 May 10-17  
 May 11-17  
 Sat. May 22  
 Mon. May 31  
 Mon. July 5

\*Days Observed as Holidays—University Closed.

\*\*Tentative.



# Academic Calendar 1982-83\*\*

## FALL SEMESTER 1982

Fall Orientation & Registration	Aug. 23-27
Labor Day*	Mon. Sep. 6
Classes Begin	Wed. Sep. 1
Columbus Day - No Classes	Mon. Oct 11
Last Day to Withdraw	Wed. Oct. 6
Last Day to Remove incomplete for Spring & Summer Semesters	Wed. Oct. 13
Mid-semester Exam Period	Oct. 12-18
Mid-semester Grades Due	Tues. Oct 19
Veteran's Day	Thurs. Nov. 11
Thanksgiving Recess-No Classes	Nov. 24-28
Thanksgiving & Friday After*	Nov. 25-26
Last Day of Classes(Day)	Fri. Dec. 11
Last Day of Classes(Cont. Ed.)	Mon. Dec. 13
Final Exam Period (Day)	Dec. 13-20
Final Exam Period (Cont. Ed.)	Dec. 14-20
Final Grades Due	Tues. Dec. 28
Christmas Holiday*	Dec. 23-25
New Year's Day*	Dec. 31-Jan. 1

## SPRING SEMESTER 1983

Spring Orientation & Registration	Jan. 13-Jan. 19
Classes Begin	Thur. Jan. 20
Washington's Birthday*	Mon. Feb. 21
Last Day to Withdraw	Thur. Feb. 24
Last Day to Remove incomplete for Fall semester	Thur. March 3
Mid-Semester Exam period	March 7-12
Mid-Semester Grades due	Mon. Mar. 14
Spring Recess	March 14-19
Easter Holiday, Holy Thursday & Good Friday*	March 30-April 3
Last Day of Classes(Day)	Fri. May 6
Last Day of Classes(Cont. Ed.)	Mon. May 9
Final Exam Period (Day)	May 9-16
Final Exam Period (Cont. Ed.)	May 10-16
Commencement	Sat. May 21
Memorial Day*	Mon. May 30
Independence Day*	Mon. July 4

\*Days Observed as Holidays - University Closed.

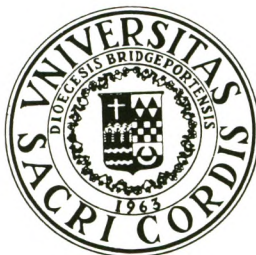
\*\*Tentative.

# History and Character

Sacred Heart University was founded in 1963 by the Most Reverend Walter W. Curtis, Bishop of Bridgeport. He visualized an institution of higher learning, rooted in the Catholic intellectual heritage and reflecting the ecumenical thrust of post-Vatican II. The University opened its doors to people of every race, creed, handicap, national or ethnic origin located in the southwestern area of Connecticut, which it was designed to serve. The University has been unique since its inception in that it has always been staffed and administered primarily by lay people who reflect in their diversity the ecumenical vision of its founder.

The University's mission is that of a teaching university designed for commuter students. There are no dormitories. Everyone commutes. This configuration represents the original and most basic concepts of higher education as established in the original and revered European universities. The replication of this long-established tradition is further emphasized by the University's commitment to the intellectual development of its students within a well-defined Liberal Arts program. At the same time, the students are prepared to take their places in the world of useful endeavor by the acquisition of specialized information and skills appropriate to personal goals and the demands of a chosen profession.

The academic objectives of the University are primarily pursued through associate and baccalaureate degree programs, with the on-campus availability of several master's degree programs for even further specialized learning. These levels of advanced education have been established to fulfill the expressed needs of the people of Southwestern Connecticut. And to further fulfill these needs, this community of scholars is dedicated to the holistic notion that the formation of a level of self-knowledge, with individual autonomy and a deep sense of conscious purpose within society is necessary for the actualization of the potential that exists within us all.



# The Campus

## ACADEMIC BUILDING

### North Wing

1st floor

Offices of:

Academic Vice President and Provost

Associate Dean and Registrar

Campus Ministry

Continuing Education (part-time students)

Departments of Biology, Chemistry, Modern Foreign Languages, and Art & Music  
(lower level)

Registrar

Duplicating Center

Switchboard, Mail Room, Security

2nd floor

Offices of:

Department of Business Administration

Secretarial Studies Program

Legal Assistant Program

### South Wing

1st Floor

Offices of:

Department of Psychology (lower level, by Gymnasium)

Director of Athletics

Bridgeport Engineering Institute

Gymnasium

WSHU-FM (91.1)

Music Room

Nurse's Station

Dining Room

Bookstore

Student Pub

Audio Visual Room

2nd floor

Offices of:

Workshop Skills Center

Department of English

Department of Religious Studies



## Center Wing

Chapel

Auditorium

Center Lounge

Offices of:

Coordinator of Student Services

Cooperative Education

Department of Education (above Center Lounge)

Carol Ney Early Learning Center

## ADMINISTRATION BUILDING

1st floor

Offices of:

President

Treasurer

Personnel and Purchasing

Department of Media Studies

Cashier

Business Offices

Media Studies Studio

2nd floor

Offices of:

Development

Department of History/Political Science

Department of Math/Operations Research/Computer Science

Department of Philosophy

Department of Sociology/Social Work/Criminal Justice

Title XX

Center for Ethnic Studies

## CAMPUS CENTER

1st floor

Offices of:

Vice President for University Services

Admissions (full-time students)

Director of Activities/Counseling

Alumni

University Relations

Student Government

Community Room

Student Lounge

Colonial Room

Game Room

2nd floor

Offices of:

Financial Aid

Career Planning & Placement

Obelisk (Campus Newspaper)

Prologue (Yearbook)

Counseling, Newcomers Center

and Housing

## LIBRARY

Offices of Librarian and staff

Library Lecture Hall

# Academic Resources

## ART STUDIOS

Studio work facilities include painting, design, drawing and illustration studios. Major equipment provided for the illustration and graphic design student includes a reproduction/process camera, headline units, compugraphic typesetting facilities, light tables, artograph projector, air brushes, mounting presses and a small darkroom equipped for black and white photographic processing.

## BIOLOGY LABORATORIES

The Biology Department has a number of well-designed laboratories for both descriptive and experimental work. Modern equipment is used for techniques such as electrophoresis, spectrophotometry, high-speed centrifugation, Warburg tissue respiration, multi-temperature incubation, radio-isotope counting, and oscillography.

## CHEMISTRY LABORATORIES

There are four laboratories, specifically, inorganic/analytical, organic, physical/physics and instrumental analysis. These facilities also contain such major equipment as UV/VIS recording spectrophotometer, pH meters, gas chromatographs, atomic absorption, analytical balances and an IR spectrophotometer.

## COMPUTER SCIENCE FACILITIES

The new computer terminal room has seven Datamedia CRT's and a LA-120 line printer as well as several LA-36 hard copy terminals which are all connected to the Yale University Computer Center. In addition, there are four Apple II microcomputers with floppy disk units and a line printer with graphics capabilities.

The department will be using the FOCUS data base package in an Intel AS3-5 computer in the Yale Computer Center, in addition to the COBOL language supported by the IBM 370/158 at the same Center, for the Data Processing option.

The facilities also include a Tele-beam II projector that can project from a 12" CRT screen at the terminal or the micro to a 4' x 6' screen.

## LABORATORY OF MODERN LANGUAGES

The Department of Modern Languages offers a modern and up-to-date laboratory which provides the students with ample opportunity to hear a variety of native speakers, practice and reinforce language and phonological patterns, copy master tapes, record and hear their voices.

Furthermore, a selection of recordings of great writers and literary critics as well as topics concerning culture and civilization are available.

## LIBRARY

Sacred Heart University Library offers a variety of materials and services for students. In addition to over 112,000 volumes and 950 periodical titles, students will find phonograph records, cassettes, filmstrips, and slide sets available for their use. Professional librarians regularly conduct instruction sessions for individuals and class groups, so that these resources will be fully utilized.

Facilities include quiet study areas, two smoking lounges, and an Instructional Materials Center. There are photocopy machines, microfilm and microfiche readers, a reader-printer, and typing booths available. Films, special events and classes frequently take place in the Library Lecture Hall. The library is open for 79 hours a week during regular semesters, including weekends.



## **MEDIA STUDIES FACILITIES**

The focus of the Media Studies Department is a multi-purpose studio which is used for video, film, and audio production. The facility features both color and black-and-white video tape recording and editing capabilities. New color-cassette field recording equipment provides opportunities for outside video production. Studio lighting instruments, with remote-controlled dimmers, provide production capabilities for both video and filmmaking. In addition, the Department utilizes two film editing rooms and two screening areas.

The campus radio station, WSHU-FM, also serves as a learning laboratory for Media Studies students as well as other interested Sacred Heart students. This 1000 watt stereo signal carries throughout much of Fairfield County and to parts of Long Island. The station facility includes two production studios, a news room with teletype news service, a record library, a large adjoining studio, as well as the on-air studio. WSHU features a progressive blend of contemporary and classical music, news and public affairs programs, and a number of locally produced community-related specials.

## **PSYCHOLOGY LABORATORIES**

The Psychology Department's recent move into more extensive quarters provides the space needed for this predominantly behavioral and experimental department. Both human and animal research is possible with the equipment available in the psychology labs. Instrumental conditioning devices and a human test system both interface with electro-mechanical programming modules to produce a broad range of learning paradigm. Other facilities provide opportunities to explore sensation, perception, and biofeedback.

## **SECRETARIAL STUDIES LABORATORIES**

The Secretarial Studies Laboratories are housed on the second floor of the north wing of the Academic Center. Secretarial students have access to modern equipment such as IBM Selectric I & II's, IBM Self-Correcting typewriters, belt and cassette transcribers, and electronic calculators. In the word processing laboratory, the Olivetti S-14 Mastermind, IBM Memory Typewriter, IBM Mag Card II, Burroughs Dual-Card Text Editor, and Vydec CRT screen unit are housed. These labs are open for secretarial students on weekends as well as during the day.

## **WORKSHOP SKILLS CENTER**

The Workshop Skills Center provides one-to-one as well as small group instruction in all levels of writing, speaking, reading, and study skills for students on campus. Students may "drop-in" to the Center bringing with them oral, written, or reading assignments from other classes, using these assignments to develop their communication skills.

The Workshop Skills Center for the Development of Oral and Written Communication has multiple components which provide for a continuously changing program of workshops, audio-visual presentations, demonstration models, small group intensive sessions, tutoring techniques, and oral and written strategy sessions. It provides students with professional needs assessment in reading, writing, and oral communication.

## **In addition to the above facilities**

Sacred Heart also furnishes a language lab, center lounge for study or "friendly chats," health service center, dining room operated by a professional food service, learning resource center and pub—the common crossroads for many of the people of the Sacred Heart Community.

# Admissions

## ADMISSIONS

- Sacred Heart University Admissions requirements are designed to admit applicants who have completed a high school diploma or equivalent. Students can be admitted under a number of categories either as full-time, part-time day or evening, or in special time frames. The University offers its programs to the Southwestern Connecticut community at times and places convenient to the constituency served. No residential facilities are provided on campus; however, the University does provide applicants with a list of potential off campus housing. In addition to high school graduates, the University accepts transfer students from other regionally accredited colleges. College graduates interested in furthering their education are also welcomed. Sacred Heart University's admissions policy does not discriminate because of race, national origin, color, sex, handicap, age, or religious beliefs.

Applicants can be admitted into one of the following categories:

### Baccalaureate

Students admitted into the Baccalaureate Program meet all the academic requirements and are permitted to register as fully matriculated students in all undergraduate programs.

### Conditional Baccalaureate

Students admitted to the Conditional Baccalaureate program meet admissions requirements; however, special consideration is given in selecting courses within the academic programs.

### Associate

Students admitted to the Associate programs meet the admissions requirements for one of the following 2 year programs: Associate in Arts, General Studies; Associate in Science, Secretarial; Associate in Science, Computer Science; Associate in Science, Paralegal Studies or Associate in Science, Banking.

### Developmental Studies Program (DS)

Students admitted to the DSP Program normally do not meet all the admissions requirements but show sufficient potential to be admitted full time to the University. Students in the DSP Program will be given special assistance in the area of oral, written, and study skills.

### Special

Qualified students who give evidence of meeting the admissions requirements, but who have not completed the program for admissions, are accepted as special students. Special students may take courses for which they qualify but not as degree candidates. Final decision concerning the full matriculation of special students will be made by the admissions committee at a later date. Students in the special program are subject to review before continuing in the University on a semester by semester basis. Qualified high school students may be admitted to the University after completion of their Junior year in a special early admissions program.

### Full-Time Study

Students interested in full time study on the undergraduate level should contact the University Admissions Office for an application. Application to the University can be made by completing the following items:

1. Complete the application and send it to the Admissions Office with a \$15 application fee.
2. Have an official high school and/or official college transcript sent to the Admissions Office.



3. Have Educational Testing Service, P.O. Box 592-A, Princeton, New Jersey 08541 send official SAT report to the Admissions Office (University code is 3780).
4. The Admissions Office will set up a personal interview after your application is filed. The address of the Admissions Office for the above items is:  
Sacred Heart University, P.O. Box 6460, Bridgeport, CT 06606.

The Admissions Office operates on the rolling admissions system, that is, notification of acceptance will be determined as soon as all the credentials have been received. In order to ensure adequate time for processing your application, the above items should be completed as early as possible: May 1 for September admissions and December 1 for January admissions. Late applications after these dates are also considered if time and room is available in the class.

## Part-Time Study

All Part-Time Day and Evening undergraduate students are admitted through the Office of Continuing Education. The Office of Continuing Education is committed to the development of programs and educational opportunities for the part-time student. The offerings of the Division, in addition to the regular undergraduate offerings, are "One Morning Only," Certificate Programs in Computer Science, Data Processing, Word Processing, and noncredit courses for the personal, professional, cultural, and social development of the adult student. Typical offerings in the non-credit areas are Real Estate, Interior Design, Travel Agent, and Effectiveness Training for Women. Persons interested in enrolling should contact the Director of Continuing Education for an application, program information and counseling. The procedure for admissions to degree programs for continuing education students is:

1. Complete a part-time application and return to the Office of Continuing Education.
2. Have an official transcript of both high school and college work sent to the Office of Continuing Education.
3. Make an appointment with the Office of Continuing Education to discuss academic curriculum and course offerings.

Admissions decisions will be made when the above items are completed. Persons can enroll as special students before completing the above.

Students wishing to matriculate for a degree program, must complete the above procedure before completing 18 credits. The mailing address for the Office of Continuing Education is: Office of Continuing Education, Sacred Heart University, P.O. Box 6460, Bridgeport, CT 06606.

## Transfer of Credit

Any student who has attended another regionally accredited institution and wishes to transfer to Sacred Heart University, must present an official transcript at the time of admission to the Admissions Office (full-time) or Office of Continuing Education (part-time). Credit will be awarded for courses which carry grades of "C" or better and which parallel University offerings. The University reserves the right to examine selected courses to determine whether or not their content and quality fits the University purpose and goals. Once a student is matriculated, no courses will normally be accepted unless prior written permission of the Associate Dean & Registrar is obtained. The University normally will accept a maximum of 66 credits from junior colleges and 90 credits from four-year institutions. The University will grant 45 credits in appropriate curriculum areas in non-health programs to those students who have a three-year Registered Nurse diploma from an accredited institution.

# Academic Programs:

## Master Degree Programs:

### Master of Business Administration

The Master of Business Administration program is designed to prepare men and women for positions of administrative responsibility in business, as well as non-profit and governmental institutions, while bringing students to a full realization of the ethical and social responsibilities inherent in the managerial role.

Students receive a broad understanding of business and organizational problems; a sound knowledge of effective methods of solving these problems; the analytical skills necessary for recognizing problems and implementing solutions; and an appreciation of the place and the responsibility of the business person and the administrator in our society. A fundamental philosophical context of the program is the consideration of ethics in the functioning of the business enterprise.

For applications and additional information about the Master of Business Administration at Sacred Heart University contact:

PROGRAM DIRECTOR—MBA  
SACRED HEART UNIVERSITY  
P.O. BOX 6460  
BRIDGEPORT, CT. 06606  
(203) 374-9441

### Master of Arts in Religious Studies

The graduate study of religion at Sacred Heart University represents a response to the growing concern with the basic questions of meaning and purpose in human existence and the growing effort to understand the meaning of justice as it applies to all people and to all nations. This response is concretized in three programs: Biblical and Theological Studies, Religious Education, and Religion and Social Development.

**Biblical and Theological Studies** offers the opportunity to explore the depth of Sacred Scripture as brought to light through modern biblical scholarship, as well as the broad Christian theological tradition.

**Religious Education** offers courses designed to meet the need for qualified religious educators and religious education coordinators. It also sees the matter of education for justice to be a central and integral element in any religious education program in the last quarter of the 20th century.

**Religion and Social Development** offers the opportunity for disciplined study and reflection on the problems of injustice on the domestic and international level. It also offers, through national and international internships, the opportunity to directly experience and work in those situations where men, women and children struggle in less than equitable social situations.

For applications and additional information about the Master of Arts in Religious Studies at Sacred Heart University contact:

PROGRAM DIRECTOR—MA-RS  
SACRED HEART UNIVERSITY  
P.O. BOX 6460  
BRIDGEPORT, CT 06606  
(203) 374-9441

### Master of Arts in Teaching

Teachers are facing new problems, new needs in today's classrooms. Sacred Heart University has responded by introducing a GRADUATE PROGRAM IN FIELD-BASED EDUCATION, focusing directly on the practical aspects of classroom teaching.



Designed by a Graduate Advisory Council of 23 teachers and other educators in Fairfield County for teachers in the local public and private schools, the new program offers a Master of Arts in Teaching (M.A.T.) as well as non-degree in-service teacher training at the graduate level. The field-based curriculum is also intended to serve as a prototype for school systems, statewide, as they accept the validity of the classroom in the field as the training ground for more effective teaching.

A Master of Arts in Teaching may be completed in one of the following 5 areas of concentration:

**Humanistic (Wholistic) Education.** This concentration focuses on the affective components of the teaching/learning interaction. Teachers come to understand their own feelings, need and attitudes for greater teaching effectiveness. In turn, they learn skills that will help students realize their full potential. Special emphasis is placed on teaching subject matter humanistically.

**Bilingual/TESOL** (Teaching English to Speakers of Other Languages.) This concentration trains teachers to work with students on the elementary and secondary level who have a non-English language dominance. Bilingual Education is for majors in any subject specialty. TESOL is for English majors.

**Special Education in a Regular Classroom.** This concentration offers training for regular classroom teachers who wish to specialize in educational techniques and strategies for mainstreaming learning disabled, emotionally disturbed, and physically handicapped children.

**Early Childhood Education.** This concentration provides a basic orientation for teachers in nursery schools, day care and other child care centers, as well as for head teachers.

**Professional Improvement.** Skill improvement in the general areas of teaching is the focus of this concentration. It is also open to other professionals, where appropriate.

For applications and additional information about the Master of Arts in Teaching at Sacred Heart University contact:

PROGRAM DIRECTOR—MAT  
SACRED HEART UNIVERSITY  
P.O. BOX 6464  
BRIDGEPORT, CT 06606  
(203) 374-9441

## BACCALAUREATE DEGREE PROGRAMS

The University offers the degrees of Bachelor of Arts and Bachelor of Science. Students may major or minor in:

**Department of Art and Music:** Art, Music (minor only) Areas of Study: Painting, Illustration, Graphic Design, Music

**Department of Biology:** Biology—Areas of Study: Environmental Biology, Allied Health, Pre-Medical Program

**Department of Business:** Accounting, Business Administration, Economics Areas of Study: General Management, Marketing, Personnel, Business Education, Legal Administration

**Department of Chemistry and Physics:** Chemistry—Areas of Study: General Chemistry, Biochemistry, Physics, Allied Health, Pre-Medical Program

**Department of Education:** Certification: Elementary (NK-7), Secondary (7-12) Fields of Secondary Certification: Biology, Business, Chemistry, English, History, Social Studies, Mathematics, Spanish, General Science Areas of Study: Bilingual/ESL, Early Childhood

**Department of English:** English—Areas of Study: Literature, Writing, Drama

**Department of History, Political Science:** History and Political Science

**Department of Mathematics, Operations Research, and Computer Science:** Mathematics, Operations Research, Computer Science, Data Processing (minor only)

**Department of Media Studies:** Media Studies—Areas of Study: Journalism, Broadcasting, Film, Video

**Department of Modern Foreign Languages:** Spanish—Areas of Study: Arabic, Chinese, French, German, Greek, Gaelic, Hungarian, Italian, Lithuanian, Bilingual-Bicultural Education

**Department of Philosophy:** Philosophy

**Department of Psychology:** Psychology

**Department of Religious Studies:** Religious Studies

**Department of Sociology, Social Work, and Criminal Justice:** Sociology, Social Work, Gerontology (minor only), Criminal Justice (minor only)

## BACCALAUREATE CURRICULUM

All candidates for the Bachelor of Arts or Bachelor of Science degree must complete the following requirements:

1. 120 credits with a minimum of 30 credits taken at the University and with a minimum grade point average of 2.0

2. A core curriculum consisting of the following:

a) The establishment of a proficiency in both written and oral rhetoric as determined by the Department of English. (A grade of "C" or better is required in all courses taken to establish this proficiency.)

b) Nine (9) credits chosen from at least two of the following: Art and Music, History, Literature, Modern Foreign Language.

c) Nine (9) credits chosen from at least two of the following: Anthropology, Economics, Political Science, Psychology, Sociology.

d) Nine (9) credits chosen from at least two of the following: Biology, Chemistry, Mathematics, Physics.

e) Nine (9) credits chosen from at least two of the following disciplines: Philosophy, Religious Studies.

3. For the BA degree, the establishment of a proficiency in Modern Foreign Language to the Intermediate level. For the BS degree, the establishment of a proficiency at the level of Modern Math I and II (MT 001 and MT 002). Statistics (MT 005) can be substituted in place of MT 002.

4. A major concentration consisting of not less than thirty credits nor more than 58 credits as determined by the major department. See the departmental sections for required courses within a given major. At least one half of the minimum major requirements must be taken at the University. A grade of "C" or better is required in all major courses. In addition to the major requirements, some departments require related supporting courses in their major.

5. Elective courses: the number of which depends upon the core and major requirements. Electives should be chosen in consultation with the student's major advisor. Serious thought should be given to the choice of electives especially in the area of career planning. Students can take their electives in a minor sequence.



ASSOCIATE DEGREE PROGRAMS

The University offers two Associate Degree Programs. The Associate in Arts degree is designed for those students who temporarily view the Associate degree as their educational objective. Many students later continue their studies toward a Baccalaureate Degree. The areas of concentration within the Associate of Arts degree are Accounting, Allied Health Sciences, Biology, Business, Chemistry, Economics, English, Arts and Music, French, History, Mathematics, Operations Research, Media Studies, Philosophy, Political Science, Psychology, Religious Studies, Sociology, Spanish.

The Associate in Science Degree is offered in the following areas of career preparation: Banking (in cooperation with the American Institute of Banking), Computer Science, Data Processing, Legal Assistant, Secretarial Studies.

Associate in Arts (General Studies) Curriculum

All candidates for the Associate in Arts (General Studies) Degree must complete the following requirements:

- 1. Sixty (60) credits with a minimum of 30 credits at the University. A minimum grade point average of 1.8 is required.
- 2. Core curriculum consisting of the following:
  - a) The establishment of a proficiency in both written and oral Rhetoric as determined by the Department of English. A grade of "C" or better is required in all courses taken to establish this proficiency.
  - b) 6 credit hours chosen from at least 2 of the following disciplines: Fine Arts, History, Literature, and Modern Languages.
  - c) 6 credit hours chosen from at least 2 of the following disciplines: Anthropology, Economics, Political Science, Psychology, and Sociology.
  - d) 6 credit hours chosen from at least 2 of the following disciplines: Biology, Chemistry, Mathematics, and Physics.
  - e) 6 credit hours chosen from at least 2 of the following disciplines: Philosophy, Religious Studies.
- 3. A concentration consisting of not less than 15 credit hours
- 4. Elective courses chosen in consultation with the student's advisor.

Associate in Science—Banking

Sacred Heart University, in conjunction with the American Institute of Banking, offers a two-year program combining banking, and liberal arts courses designed for banking personnel.

Curriculum Outline

The following courses must be taken at Sacred Heart University:

Liberal Arts (or Business Electives if college graduate)	18
Accounting for Managers (AC 103, 104)	6
Principles of Economics (EC 201, 202)	6
Organization Management (BU 201)	3
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The following courses may be taken at either Sacred Heart University or through AIB:

Effective English or EN 011	3
Bank Letters and Reports or EN 012	3
Effective Speech or CA 021	3
Commercial Law or BU 231	3
	<hr/> 12

The following courses must be taken through AIB:

Any five (5) bank-oriented 3 credit courses	15
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Total credits 60

Students seeking admission to this program should contact the Director of Continuing Education.

## **Associate In Science—Paralegal Program**

The American Bar Association recognizes that legal assistants are serving an important role in providing excellent legal services for the American public. Well-qualified paraprofessional personnel serving as legal assistants can handle many of the responsibilities inherent in a law practice. The American Bar Association has encouraged its members to support the training and employment of such assistants.

In March, 1973, the Connecticut Bar Association sponsored a conference on paralegals for its members and for teachers in the fields of general and legal education. At this meeting the growing need for competent and responsible paralegals was examined.

To meet this need, Sacred Heart University established in 1974, a two-year program leading to an Associate in Science degree in Paralegal Studies. The four-semester sequence is structured to provide the legal training and general academic background necessary to function effectively as a legal assistant. This course of study may also be incorporated into a baccalaureate degree program.

Legal specialty classes are taught by qualified attorneys. General academic courses are taught by Sacred Heart University faculty members. In addition, the resources of the various branches of the Fairfield County Law Library have been placed at the disposal of students enrolled in the program.

The program has been granted final approval by the American Bar Association.

## **Associate In Science—Professional Secretarial Studies Program**

Professional Secretarial Studies program offers qualified students four (4) specialized areas of concentration—Executive Secretarial, Legal Secretarial, Medical Secretarial, and Word Processing. As a college trained student, you will develop specialized secretarial and office management skills, competence in business, and a solid foundation in the liberal arts.

## **Associate In Science—Computer Science Associate In Science—Data Processing**

The introduction of computers and their subsequent use in society is one of the most significant developments of the mid-twentieth century. Beginning less than thirty years ago, the computer industry is one of the largest in the United States today. Computer technology is still developing at an ever increasing pace and the uses of computers in society are increasing in number and scope. The use of computers in all types of information processing can be considered one of the most promising growth areas.

An Associate of Science degree program in Computer Science, with options in Computer Science (Scientific Orientation) and in Data Processing (Business Orientation) are offered. The former would enable a student majoring in operations research, mathematics, or the sciences, to seek employment in government or industry. The latter will enable business students or persons already working in computer applications to business to have a formal education in that field in order to advance in their careers.

Sacred Heart University is affiliated with the Yale Computer Center.



# Special Academic Programs

## Honors Program

The Honors Program at Sacred Heart University has as its purpose the fulfilling of the needs of students whose previous record and whose achievement at Sacred Heart University indicates that they are capable of receiving an intellectual challenge of a high order. To meet this end, the Honors Program has been established around an 18 credit core which is related to the particular major chosen by the student and to independent study courses in various areas.

The Honors Program is committed to an interdisciplinary approach. The classes are "team taught" and an overall liberal arts approach is followed with its consideration of both the literary and scientific aspects.

Students must have an overall cumulative average of 3.5 to enter the program and must maintain that average on a year-to-year basis to remain in the program.

## Pre-Professional Programs

### Pre-Medical—Pre-Dental

The Liberal Arts Program at Sacred Heart University offers all the courses required for admission to these professional schools. Students usually major in Biology or Chemistry since these curricula enable the student to obtain those courses which are recommended and desired by medical and dental schools. A pre-med advisor will guide you in your course selection and assist you in securing admissions to medical or dental colleges. Contact the chairman of the Biology or Chemistry Department for further information.

### Pre-Law

There is no prescribed or preferred pre-law courses required for admission to law school. If you are interested in law as a career, you can choose a major in the humanities or social sciences. The pre-law advisor will help you design your own pre-law program and will aid you in the procedures for law school admission.

## Education

The University offers programs for the preparation of both elementary and secondary school teachers. Upon completion of one of the programs, a graduate may apply for provisional certification to teach in the public schools of the State of Connecticut for a period of ten years. There is a reciprocity agreement with twenty-five other states.

Since these professional programs are complementary to the core curriculum and the concentration in a major field of study, graduates of these programs have the skills that are necessary for teaching, and in addition, have skills that are valuable in many other professions. The programs are valuable for their help in developing such personal qualities as: respect for human diversity and personal rights; compassion and understanding of peoples from various cultures; formation of the habit of extending one's interests; and the ability to cope with occupational change because of being well-informed on how to learn, unlearn, and relearn. The Education programs are conducted in cooperation with many Southwestern Connecticut public and private school systems. Contact the Director of Teacher Education for further information.

## Allied Health Sciences

A recent study concerning nursing education recommends that in addition to the strong clinical orientation considered to be a hallmark of the hospital-based nursing education, Schools of Nursing should avail themselves of the opportunities provided by universities to enhance the academic supporting studies required of a modern educated nurse. Sacred Heart University offers an Associate of Arts degree in general studies in Allied Health Sciences in affiliation with St. Vincent's Medical Center School of Nursing and the Bridgeport Hospital School of Nursing. Both are nationally accredited by the National League of Nursing. This joint effort between the hospitals and Sacred Heart University

gives students the opportunity of future upward mobility in their continued education in the field of nursing.

Students at both Bridgeport Hospital and St. Vincent's are required to take General Education courses in addition to their major nursing courses to qualify for the nursing diploma. Bridgeport Hospital requires 34 General Education credits and St. Vincent's requires 37 General Education credits.

Students completing requirements at either School of Nursing receive a diploma and are eligible to take the State Board Licensing Examination for the registered nurse.

**University Courses  
Required for Diploma**

BI 031	Anatomy & Physiology I	4
BI 032	Anatomy & Physiology II	4
BI 041	Nutrition	3
BI 061	Introduction to Microbiology	4
CH 007	Principles of Chemistry	4
EN 011	English: Freshman Rhetoric	3
PS 101	General Psychology	3
PS 252	Child Developmental Psychology	3
PS 272	Adolescent-Old Age Development Psychology	3
SO 101	Principles of Sociology	3
		<hr/>
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In addition to the courses listed above, a student must satisfy the University requirements for the AA degree.

This program is also open to registered nurses who have graduated from other Schools of Nursing.

For further information, contact the Director of Allied Health Sciences.

**“One Morning Only” Program**

“One Morning Only” is a college re-entry program for adults with little or no college background. Courses are scheduled to meet one morning a week, and can be taken for credit or audit.

The program includes support services to meet the needs of adult students, including individual counseling, an orientation program, and special seminars and workshops featuring topics of interest to “One Morning Only” students. Child Care Services are available through the Carol Ney Learning Center located on campus.

The Continuing Education staff is available to offer information and guidance.

**17/62 Program**

The 17/62 Program encourages high school seniors and adults (62 years or older) to take college courses. Course offerings will vary each semester. High school seniors must be in the first or second quintile of their classes and be recommended by the high school counselor. Contact the Admissions Office for information. Senior citizens should contact the Office of Continuing Education for more information.

**Life/Work Experience (LWX)**

Recognizing that higher education “happens” in many ways outside of the college classroom, Sacred Heart University awards academic credit to its students for intellectual skills and special knowledge acquired through life and/or work experience. Students may receive LWX academic credit for demonstrated intellectual, professional, cultural, or scholarly achievement in five specific areas:

**Self-Education**, through extensive reading, travel, creativity in the arts, published writings and lecturing, can qualify students for academic credit.

**Certification**, such as professional certification in a government agency or hospital, paraprofessional certification in technical and legal areas, business licenses and similar credentials will be considered.

**In-Service Training Programs** deal with on-the-job experience under the supervision of recognized professionals or practitioners. Experience in military service, the govern-



ment, computer programming, banking, and insurance computation are among the programs that qualify students for academic credit.

**Management Work Experience** is obtained through positions or careers that require independent judgment and interpersonal, analytical, and problem-solving skills. A wide range of managerial and administrative positions in corporate business organizations, social, and religious agencies as well as legislative and governmental bodies, may provide opportunities for credit.

**Volunteer Experience** involving a service that is responsible for personal and professional growth will be a consideration for academic credit.

### **Procedure for Life/Work Experience (LWX)**

As an applicant for LWX credit, you must be enrolled full-time or part-time in the University. Completion of at least one academic semester is recommended before you apply for credit.

### **The University's LWX Policy**

Sacred Heart awards LWX credit only in areas covered by—or relating to—the University's courses, programs, and departments.

### **Classroom Credits & LWX Credits for a College Degree**

All Baccalaureate and Associate degree candidates must complete a minimum of 30 classroom credits at Sacred Heart University. LWX credits may not replace these credits but may be used to meet degree requirements as major courses, core courses, and electives. A maximum of 60 credits can be awarded in the LWX-CLEP Programs.

### **Planning Your Portfolio**

We are available at the Office of Continuing Education to help you develop your Life/Work Experience portfolio—the basic document for LWX credit. Before you begin to assemble your portfolio, your first step should be planning a conference with a Continuing Education counselor. Come into the Office of Continuing Education, or call us, to arrange for an appointment and an application, and also to find out about LWX deadlines and procedures.

### **Deadlines for Portfolios**

The deadline for submitting portfolios will be established for each semester. Action on portfolios received after the deadline will be deferred until the following semester.

### **Presenting Your Credentials**

Credit award through this program is more difficult to evaluate than traditional classroom credit. Therefore, your portfolio should be as complete and descriptive of your Life/Work Experience as possible. Try to relate your experience to course descriptions in the University's catalog. The quality and depth of experience as well as a detailed time schedule (number of hours per day, days, months, years spent in purposeful work or study) must be described and documented. In evaluating your experience, the University emphasizes learning derived from the experience, rather than the experience itself. Supporting evidence of your achievements, including certificates, awards, licenses, supervisors' letters of evaluation, press clippings, bibliography of materials studied as well as samples of work, such as publications, tapes, paintings, graphics, musical compositions, and slides, will help us determine your eligibility and the extent of credit that has been earned.

### **Completing Your Portfolio**

Artistic work must be signed and dated; media must be listed. Photographs or slides of sculpture and craft work must be identified by date, media, size, and present location.

In the field of management, a formal job description accompanied by a letter of evaluation from an immediate superior is most helpful. Candidates are expected to describe the extent of their responsibilities in planning, controlling, and evaluating a given function within a company.

A writer is expected to submit samples of published or printed work.

To demonstrate the value of travel, candidates might write or tape record a travelogue, possibly accompanied by representative photographs or slides highlighting the historic, architectural and/or artistic significance of places visited.

Experience in the area of social or psychological services must be confirmed by letters of evaluation from the program supervisor(s) as well as the candidates description of the service performed, the client(s) receiving the service and that amount of time spent performing the service.

Language proficiency must always be demonstrated by a departmental interview, following a description of the candidate's involvement with the language and/or language studies. Credit is offered for knowledge of history and culture. CLEP examinations (see section on CLEP) are available for intermediate French, German, and Spanish grammar.

Requests for credit in speech (see CA 021) must be accompanied by documentation of experience in oral communication. Also, a 5-20 minute oral presentation before a panel of speech faculty is required.

### **The Essay**

In addition to the supporting materials described above, students must include an essay in their portfolio that critically analyzes the learning derived from their experience in relation to the departmental course or program for which credit is sought. The essay topic may be assigned by the awarding department.

Your portfolio should also include a resume that outlines the experience relevant to your application.

### **Submitting Your Portfolio**

A LWX portfolio, accompanied by a completed LWX application, your resume, and an application fee of \$35, should be submitted to the University's Director of Continuing Education. Please keep duplicate copies of all documents.

### **Giving credit where credit is due.**

The Director of Continuing Education sends a copy of your portfolio to the chairperson of the appropriate academic department for a preliminary determination of credits to be awarded. You may also be called for an interview with the chairperson.

Your portfolio is then returned to the Office of Continuing Education and considered by the LWX Review Committee which also reviews the preliminary award. Acceptance by a majority of the committee is required before credit can be officially awarded. If credit is refused, your portfolio will be returned.

### **Notification and Fees**

Notification of credit award is made by the Academic Dean. A fee of \$10 per credit is payable to the Business Office prior to the formal award of credit.

### **No Grades for LWX Credit**

Letter grades are not given for LWX credit. Quality points average is computed only on classroom grades.

## **College Level Examination Program (CLEP)**

CLEP is a national program awarding college credit by examination. Sacred Heart University—an official CLEP test center (#3780)—offers a series of exams year-round for students seeking a college degree. If a CLEP exam is available, you cannot apply for LWX credit in the same area. When you take a CLEP exam—and the results are acceptable—you automatically receive credit.

The Office of Continuing Education has specific information about the program and a schedule of testing dates. CLEP language exams are normally given on the third Friday of each month. General exams and specific subject tests are offered on the third Saturday of every month.

Your application, contained in the registration guide, is available at the Office of Continuing Education. A full list of subject exams is on the front of the form. A completed registration guide should be returned to the Continuing Education Office at Sacred Heart University at least four weeks before the exam date(s) you select.



## Independent Study and Individual Instruction

Independent study is available for qualified students who want to do more advanced or specialized work in a given academic area. Faculty members will guide the student in the research needed for the study. Only students who have officially declared their major and who have successfully completed at least 15 credits, will be able to enroll. Ordinarily, a maximum of 6 credits will be permitted towards the Baccalaureate Degree.

Individual instruction is available for students who need a specific course to fulfill their degree requirements but are unable to schedule the course for a valid reason; e.g., involvement in student teaching, field experience or unavailability of course. The syllabus for individual instruction conforms to the usual requirements, including required assignments, for that course. No student will ordinarily be permitted to take more than one individual course per semester, and no more than two individual courses to fulfill the degree requirements.

## Cooperative Education

Cooperative Education joins campus and career in an exciting and dynamic new way. Faculty and employers work together to arrange positions that combine usefulness to employers with education-in-action for students.

Organizations employing Co-op students include businesses, industries, and government or social service agencies. Whether the employer is engaged in highly competitive profit-making activity, or social service work in a non-profit agency, student employees make a significant contribution.

While on assignment, students work as regular employees, and receive academic credit for learning derived from the work experience. When Co-op students graduate, they have both a degree and substantial practical experience to offer a potential employer.

The Cooperative Education student may complete degree requirements within four years, or extend the program of work and study.

Work terms can begin in the Sophomore, Junior or Senior year. However, a Cooperative student is not restricted to any particular structured calendar. The program allows for flexibility to accommodate the needs of student and employer.

This dynamic involvement of student, University, and employer provides special benefits to all participants. *Work, learn and grow together* is the philosophy of Cooperative Education at Sacred Heart University.

## The Basic Studies Program

The year long Basic Studies Program at Sacred Heart University provides the student with the academic and personal support necessary to ensure success at college.

The program includes the following components:

- A. Placement Testing
- B. A Pre-Registration interview and a summer college orientation
- C. A six credit freshman course in reading, writing, and study skills
- D. A personal advisor to provide academic counseling on a *weekly* basis
- E. Individual and small group tutoring at the Workshop Skills Center in reading, writing, and study skills.

## The Division of Continuing Education

All part-time day and evening and full-time evening students are admitted through, and are under the direction of Continuing Education. The Division of Continuing Education is committed to the development of programs and educational options to meet the needs of the adult student. It is responsible for the Evening School, Summer Sessions, and non-credit programs.

In its involvement with the adult student who is beginning or resuming a college program, the University offers non-traditional, time-shortened options, The Life-Work Experience program grants credit for prior experience through a portfolio process, and the College Level Examination Program awards credit through examination.

# University Fees\*\*

Application Fee*	15.00
Tuition (per semester)	
Full-time students (12-17 credits)	1400.00
Part-time students	
Day Division—per credit hour	86.00
Evening and Saturday	
1 to 11 credits—per credit hour	82.00
12 or more credits—per credit hour (through Fall 1980)	87.00
(Effective Spring, 1981, all students carrying 12 credits or more will be considered full-time students.)	
Student Activity Fee*—full-time students (per semester)	25.00
Registration Fee*	5.00
Late Registration Fee	10.00
(In addition to the regular Registration Fee)	
Change of Registration Fee—per course	2.00
17/62 Registration Fee (for six credits only)	15.00
“One Morning Only”—per credit hour	86.00
Laboratory Fees* (per semester)	
Student Teaching Fee*	100.00
Graduation Fee	30.00
Hospital Schools of Nursing	73.00
Auditors (per course—for any number of credits)	152.00
Transcript Fee	1.00

\*Non-refundable, (see individual course descriptions)  
\*\*The schedule of fees is subject to change by action of the Board of Trustees without prior notice.

## Acceptance Fee

Upon notification of acceptance, full-time candidates are required to forward a refundable reservation deposit of \$50. This fee will be refunded until May 1, upon written notification to the Admissions Office. This deposit is credited toward full or part-time payment of the first regular academic semester tuition following the date of acceptance.

## Payment of Tuition and Fees

University charges must be paid on or before registration for each semester or session unless prior arrangements have been made under a deferred payment plan. Regulations covering deferred payment plans are available from the Business Office.

## Tuition Refunds

Withdrawal from the University within four weeks from the commencement of a semester entitles the candidate to a proportional refund of tuition. Refunds are granted only if the candidate complies with the withdrawal procedure as prescribed by the Office of the Vice President and Dean of Students.

Fees are not refundable and the schedule of tuition refunds is as follows:

Before start of class	100%	3rd week	40%
1st week	80%	4th week	20%
2nd week	60%	5th week	0%

Proportional refunds of tuition monies are also in effect for those courses which do not meet on a full semester basis.



# Financial Aid

The University maintains a strong commitment to provide higher education to as many students as possible by making scholarships, loans and employment available.

Financial Aid programs are based on the student's academic potential, character and citizenship, and demonstrated financial need. Since its founding over 63% of the University's students have availed themselves of financial aid. The procedure for applying for financial aid is as follows:

- I. Admission to the University (see page 2)
- II. Completion of Forms
  1. Any student who wishes to apply for Financial Aid is to complete a Financial Aid Form (FAF). This form will automatically include a full computation of a Basic Educational Opportunity Grant (BOG) by checking Item 43, Box 1. The Financial Aid Form is to be mailed to Princeton, New Jersey with a small fee.
  2. Sacred Heart University requires that you fill out the Financial Aid Form *only*—not the Financial Aid Form Supplement. If you are applying to other universities that require the supplement, it should be completed.
- III. Approval of Aid
  1. You will receive notification from Princeton, New Jersey that they have received your FAF. The University will receive a copy of your FAF about eight to ten weeks after you file. If you have applied for the Basic Educational Opportunity Grant (by having checked Item 43 on the FAF), you will receive a copy of your Student Eligibility Report in the mail within the same eight to ten week period.
  2. You will then receive notification from Sacred Heart University that your FAF is on file in the Financial Aid Office. After you receive this notification, you should contact the Financial Aid Office (374-9441, ext. 296) to make an appointment with the Director or Assistant Director of Financial Aid.

## State Student Aid

Student aid is available for Connecticut residents attending independent colleges or universities in Connecticut. Sacred Heart University shares in these funds, which are distributed through the State Commission For Higher Education.

Students who wish to apply for these funds should contact the Director of Financial Aid for further information.

## Financial Aid and Private Income

The University Financial Aid Program is based on the expectation that candidates and their families will provide as much assistance as they can from their private income and assets. The Director of Financial Aid follows, in his calculations, the procedures and practices developed by the College Scholarship Services.

For additional information on financial aid, contact the Director of Financial Aid.

## College Work Study Program

In addition to grants and loans, employment is available to students as part of the Financial Aid Program. Employment within the University is offered under the terms of the College Work Study Program. Campus jobs provide the opportunity to earn between \$300 and \$800 per academic year. Wages are based on hourly rate and are paid directly to the student.

## Area Part-Time Employment

There are numerous opportunities for part-time employment in the Bridgeport area and in Fairfield County. The Office of Career Development serves as liaison between students and outside employers.

## Family Allowance

The University Board of Trustees has adopted the following policy: When two or more dependent children receiving their support from the same parent are in full-time attendance at the University at the same time, each will receive a 15% reduction in the cost of tuition. Applications for such an allowance must be submitted to the Director of Financial Aid by August 1.

## Deferred Payments

Candidates who prefer to pay their educational costs in monthly payments may avail themselves of the services of the EFI Fund Management of Chicago, Illinois; Academic Management Services, Inc., Pawtucket, Rhode Island; or Tuition Plan, Inc. Such plans should be made with the Business Office as early as possible and are subject to the credit policy established by the University.

## Presidential Scholarships

Presidential Scholarships are awarded on the basis of academic promise and financial need by the President and the Scholarship Committee in varying amounts to incoming Connecticut freshmen and transferring upperclass students. A limited number of these awards have been reserved for highly recommended transfer students from Housatonic Community College and Norwalk Community College. These scholarships are made possible by the generous donations of alumni, parents, friends and local corporations and businesses.

## Connecticut Guaranteed Student Loan Program

The Connecticut Student Loan Foundation was created as a non-profit state-supported corporation by the 1965 General Assembly. It provides guaranteed loans in amounts up to \$2500 per academic year, with a maximum of \$7500 as an aggregate unpaid principal of all such loans permitted to any student.

The actual loans are made through authorized lenders such as Commercial Banks, Mutual Savings Banks, Credit Unions and Savings and Loan Associations.

Application forms may be obtained from the Director of Financial Aid, from any participating institutions or directly from the Connecticut Student Loan Foundation, 54 Pratt Street, Hartford, Connecticut. Applications should be filed as early as possible in order to qualify for funds in this program.

## National Direct Student Loan Programs

The University administers loans to candidates from funds made available under the National Defense Education Act of 1958. This program is designed to aid qualified students in need of financial assistance who otherwise could not obtain a college education. Primary consideration is given to students who may have the greatest need. These loans are obtained directly from the University. Interest and repayments may extend as long as ten years.

## Supplementary Educational Opportunity Grants

The Federal Government has instituted a program providing for federal grants for students with exceptional financial need. These grants range in value from \$200 to \$1000 per year, and must be matched by an equal amount of some other form of approved financial aid. These grants do not require repayment.

Applications must be submitted to the Director of Financial Aid by June 1. A Parent's Confidential Statement is required, and this form should be submitted to the College Scholarship Service, Box 176, Princeton, New Jersey by March 1.

## Endowed Scholarships

*The Mechanics and Farmers Savings Bank Scholarship* was established to celebrate the Bank's one hundred years existence as a mutual savings bank. The income from this endowed fund will be used to aid a deserving student or students residing in a town situated within the bank's deposit area.



*The James Joy Scholarship Fund* was established through the will of James Joy with income of the invested principal providing funds for a deserving student. The recipient is selected by the President and this award is not limited to students with the highest academic standings.

*Dr. Daniel T. Banks Scholarship Fund.* Donated by Dr. Daniel T. Banks, a prominent Bridgeport physician, to be awarded annually to a deserving student, preferably a student interested in pursuing a career in medicine.

*The John Balamaci Memorial Fund Scholarship.* The funds for this award were given by Mr. and Mrs. Thomas Balamaci in memory of their son, deceased alumnus John Balamaci, to aid a worthy student in meeting his educational expenses.

*The Sandra Lynn Nobili Scholarship Fund.* The funds for this award were given by the family and friends of alumna Lynn Nobili, to be awarded annually to a deserving Catholic student entering senior year and planning a career in elementary education.

# Academic Regulations

## Calendar

The academic year consists of two 15 week semesters. The Continuing Education school year calendar runs concurrently. In addition there are 3 summer sessions, day and evening. The University uses the semester credit hours system of awarding credits. A semester credit is given for satisfactory work in one period of class per week for a semester. For a 3 credit semester lecture course, 150 minutes per week of instruction is provided. For a laboratory course, a longer period of laboratory work is required for a semester credit.

## Summer School Program

The University maintains a complete undergraduate summer school program. The program consists of an intensive offering in May and two five-week semesters during June, July and August. Students from other colleges and universities are invited to attend summer school to augment their educational programs. A brochure is published in April to outline summer school offerings. The Office of Continuing Education will be able to supply additional information and assistance concerning all policies and procedures regarding summer school.

## Course Withdrawal

If withdrawal from a class or school becomes necessary, report to the Office of Continuing Education Service (part-time students) or the Counseling Office (full-time students). Official withdrawal is necessary to assure the proper entry on your transcript. Course withdrawals are permitted within the first five weeks of a semester without penalty (W grade). After that, withdrawal without penalty (W grade) can be given by the instructors with the approval of the Associate Dean or Director of the Graduate Program. A student's failure to properly withdraw will result in the issuance of a withdrawal failure (WF grade). Phone withdrawals are not normally accepted.

## Class Attendance

Regular class attendance is the responsibility of each student. Instructors are permitted to include a portion of the final grade for attendance. All work missed by absences from a class must be completed by the students. Excessive absence could result in failure of the course.

## Academic Honesty

The University places special emphasis on academic honesty. Plagiarism, theft of library books, or other University equipment, and all forms of academic dishonesty are subject to appropriate disciplinary action. Clear cases of academic dishonesty in any course will result in an F grade for that course.

Advisory grades are provided for guidance at mid-semester. Final grades are determined by the instructor at the close of each semester according to the syllabus provided for each course. No numeric equivalent is set by the University in determining a final grade.

## Student Standing

Normal progress of the completion of a degree is required to continue attendance. A student is making normal progress if he completes 24 credits per year (full-time study) with a grade point average as follows:

Freshman—First Semester	(0-15 credits)	1.5—minimum GP average
Second Semester	(16-30 credits)	1.6—minimum GP average
Sophomore—First Semester	(31-45 credits)	1.6—minimum GP average
Second Semester	(46-60 credits)	1.7—minimum GP average
Junior—First Semester	(61-75 credits)	1.8—minimum GP average
Second Semester	(76-90 credits)	1.9—minimum GP average
Senior	(over 90 credits)	2.0—minimum GP average

Students whose grade point average falls below this level and who do not improve in subsequent semesters may be terminated from the University.

## Waiver Policy

Each student is recognized as an individual. On occasion it become necessary that degree requirements or other considerations involving University policies and regulations be modified. A student wishing a modification in academic requirements should obtain the application for an academic waiver from the Office of Academic Vice President, complete it and return it to his office. Applications should be submitted at least one semester prior to the completion of the degree.

## Types of Waivers

- 1. Proficiency:** The University CORE provides for proficiency waivers in the following areas: English Composition, Speech, Mathematics, and Modern Language. The University officials to be contacted respectively are Director of Freshman Composition; Chairman, Department of English; Chairman, Department of Mathematics; Chairman, Department of Modern Languages. Proficiency waivers exempt the student from taking the course(s). No credits are awarded for the waived courses. Students who are proficient in one of the above listed should consider advanced standing through CLEP or LWX as a method of earning credit.
- 2. Physical Handicaps:** Students who have a physical handicap which puts undue hardship on the completion of a specific degree requirement can appeal to the Academic Vice President and Provost for a waiver of that requirement.
- 3. Departmental Major Requirements:** Students who desire substitutions for required major courses may appeal to the chairman of their major department. The total number of credits required cannot be less than the minimum requirement established in the degree requirements (Baccalaureate—30 credits, Associate—15 credits.)
- 4. One-Half of Major Courses in Residence:** On occasion a transfer student has completed a majority of courses offered by the major department. The department chairman, with the approval of the department, can recommend to the Academic Vice President and Provost the reduction of one-half of the major courses in residence.



5. **Others:** On occasion a required course is cancelled by the University; therefore, the Academic Vice President and Provost, after consultation with the department chairperson of the major department involved, may substitute a comparable requirement, preferably in the same or similar discipline.

## System of Grades

The Undergraduate system of grades along with quality points issued for each grade is as follows: (the system of grades for graduate programs are listed in the appropriate graduate publication.)

Grade	Q/P/Credit	Grade Explanation
A	4.0	Superior Class Work
B+	3.5	Excellent Class Work
B	3.0	Very Good Class Work
C+	2.5	Good Class Work
C	2.0	Average Class Work
D+ *	1.5	Less Than Average Class Work
D *	1.0	Minimum Class Work
F	0.0	Failure

\*Not an acceptable level for Rhetoric or major course work.

W	0.0	Withdraw Passing
WF	0.0	Withdraw Failure or Unofficial Withdrawal
FI <sup>1</sup>	0.0	Failure Incomplete
I <sup>1</sup>	0.0	Incomplete (Temporary grade)
P <sup>2</sup>	0.0	Pass

1.) FI or I grades may be changed by completion of the course work deficiency no later than six weeks after the beginning of the following semester. Students with these grades should contact the professor to make arrangements for completing the class work.

2.) P is not an official grade of the University, but can be used for transfer credits or as a temporary grade.

Make-up examinations are sometimes given by the professors after the regular final exam period. For unusual circumstances, the period to remove an incomplete can be extended with the approval of the professor and Associate Dean or Director of the Graduate Program.

# Academic Services

## Pre-Registration

A pre-registration period is established in the second half of each semester to permit students both full-time and part-time an opportunity to meet with their academic advisor and plan their program of study for the next semester. Appointments for new full-time students are made through the Admission Office. Appointments for new part-time students are made through the Office of Continuing Education. Pre-registration for courses is essential for students to reserve their place in classes and affords the University advance knowledge of course interest, allowing faculty scheduling and book ordering to be completed in advance of the beginning of classes. When a student pre-registers, he/she does not pay for the courses until either in-person registration or mail registration just prior to the beginning of each semester.

## Registration

Students can register for courses each session either by mailing the appropriate registration form two weeks prior to the beginning of each session or by in-person

registration held the week prior to the beginning of classes. The registration schedule, course offerings, and forms for registration are available from the Office of Registrar by calling 374-9441, Ext. 266 or 270, or by stopping by the University between the hours of 8:30 a.m. to 8 p.m. Monday-Thursday; and 8:30 a.m. to 4 p.m. Fridays. Students interested in full-time study must see the Admissions Office prior to registration. For an appointment, call 374-9441, Ext. 224 or 287. All charges and fees must be paid at the time of registration unless arrangements have been made with the Director of Financial Aid or Treasurer. Each student accepts the full responsibility for the courses selected. Academic counseling is provided to assist in the selection of courses.

## **Academic Appeals**

Any student placed on Academic Probation or Dismissed can submit a request for change of status to the Academic Appeals Committee.

Students who have been dismissed in previous semesters must obtain permission from the Academic Appeals Committee before re-enrolling in the University. For more information, contact the Office of Associate Dean.

## **Graduation**

In order to receive a degree, a student must complete all requirements for that degree as listed in this catalog and in the official preregistration guide as distributed by the Office of The Registrar. All students eligible for a degree must apply for graduation candidacy with the Associate Dean or Director of the Graduate Program two semesters prior to graduation.

## **Academic Honors**

Full-time students who earn a 3.4 or better are eligible for the semester's Dean List. Part-time students with a 3.4 or better and who completed 9 or more credits or 3.75 or better and who complete 6 credits, are eligible for the Dean's List. Students who take less than 6 credits are not eligible for the Dean's List.

At graduation, students who complete their program of study with the following averages are eligible for the listed honors:

3.8 or better	Summa Cum Laude
3.6 to 3.79	Magna Cum Laude
3.5 to 3.59	Cum Laude

## **Program Changes**

Students are permitted to change their course selection only within the first week of the semester. A nominal charge for changes is assessed. The procedure for program changes is available at the time of registration each term from the Registrar's Office. The procedure must be followed in order to ensure proper issuance of refund as listed under the section on fees.

## **Veteran Counseling**

(Veterans and Dependents of Veterans under Chapter 31, 32, 34, 35, Title 38 U.S.C.)

The Office of the Registrar is the source of counseling for those students receiving the benefits of legislation dealing with veterans education. All veterans applying to Sacred Heart University should notify the Registrar's Office so that additional forms may be completed and sent to the Veteran's Administration. However, veterans applying for educational benefits for the *first* time, in addition to the above, must present Form DD 214 to the Registrar's Office (notarized by a V.A. official). This service can be obtained from your local Veteran's Administration Office or the Federal Building in Bridgeport on Monday, Wednesday, and Friday.

Each semester, at the time of registration, all veterans must complete and return an Enrollment Certification, Form 22-1999, to the Registrar's Office. These forms will be certified and sent to the Veteran's Administration. Please remember to check the Veteran's Benefits box on the Registration form.



In addition, each semester veterans will receive attendance sheets (required by the V.A.) to be completed and returned to the Registrar's Office by the designated dates. Failure to cooperate will result in discontinuance of benefits.

## **Transcripts**

The official record of a student's performance at the University is contained in his/her transcript. Students needing official transcripts for transferring to another school, applying to a graduate school, or applying for a job, may request that an official transcript be sent by writing to the Registrar's Office or by stopping by the office to complete a transcript request form. (A \$1.00 per transcript fee should accompany each request.) Transcripts will not be released without the written consent of the student. During the semester, transcripts requests are usually processed in one week. At the end of the semester, please allow two to three weeks for processing a request.

## **Social Security and Student Visa Certification**

The Registrar is the official officer to issue certification of attendance for all government and private programs.

## **Academic Counseling**

All full-time students and part-time students are encouraged to meet periodically with an academic advisor. The advisory program allows for students to relate to a college professor in a relaxed, informative atmosphere that hopefully fosters a long lasting, and definitely creative interpersonal relationship.

Two special programs are designed for special groups of full-time students. Those full-time students in need of remedial communication skills are assigned to the Basic Studies Program. For more details on the Basic Studies Program, refer to the section under Special Academic Programs. The Office of the Basic Studies Program is located in the South Wing of the Academic Center.

All full-time freshmen and transfer students not assigned to the Basic Studies Program are assigned to a Newcomers Program Advisor. The Newcomers Program individually acquaints each new student with the Sacred Heart University Community and dynamically introduces supportive services and developmental activities so vital to the student's full realization of the collegiate experience. The Registrar distributes the entering students presented by the Admission Office into small seminar groups. A faculty member is permanently assigned to each group as coordinator and advisor.

## **COUNSELING AND ACADEMIC ADVISEMENT FOR THE PART-TIME STUDENT**

### **Academic Advisement**

The part-time student will discover an extensive commitment to academic guidance at Sacred Heart University. The Department of Continuing Education maintains academic advisors to help plan curriculum and select courses relevant to the student's interest. Advisement will also interface with Life/Work Experience, CLEP, and transfer programs in order to afford the student maximum understanding of their academic commitment. For convenience, part-time students will find counselors available Monday through Thursday evenings.

### **Counseling**

The Department of Continuing Education also realizes that the part-time student needs to discuss problems of a more personal nature. As a result, the University has established an Office of Continuing Education Services to help the part-time student deal with the stresses of study and the responsibilities of home and career. This office is available in the evening for appointments.

# Student Services

## Newcomer Program

The Newcomer Series is designed to help you become acquainted with the Sacred Heart community so you can fully enjoy the University from the beginning stages of your collegiate experience. You will meet the staff of Student Personnel who are more than happy to talk about our athletic programs and campus ministry. You will find out about the student activities offered.

Everyone knows that there may be adjustment problems at first. That's why we're here!

When you enter the University, you will be assigned to a seminar group which will initially meet during the last week of August for registration and orientation. A faculty coordinator, along with student leaders, will be there while you fill out forms, take I.D. pictures, and receive the semester schedule. From there they will conduct a tour of the campus and answer all questions you may have.

You will continue to meet with your seminar group once a week during the first weeks of the semester. You'll be talking to the Vice President and Dean of Students, Registrar, Career Counselor, and faculty advisors who will aid in planning the academic portion of your education, while the Director of Student Activities, student organization leaders, and students themselves will acquaint you with the social life at SHU.

Very likely you will also come to know the President, Academic Vice President, the various members of Administration, Campus Ministry and clerical staff because we take personal interest and great pride in our community.

## Campus Ministry

We are a University founded in the spirit of renewal initiated by the Second Vatican Council and rooted in the local church of the Diocese of Bridgeport. A network of resources is available to us in providing the necessary pastoral care to our members.

Students of all religious persuasions come to Sacred Heart. The Campus Ministry reflects this pluralism through its ecumenical make-up and vision. Spiritual leaders from other faiths participate in the programs designed to assist students in their search for understanding and meaning in our interdependent world.

The Campus Ministry responds to the needs of a commuter student body, faculty, staff and administration. Therefore, we must be as mobile as the commuter in responding to those needs, both on and off campus.

Weekend retreats, convocations, lectures and workshops provide opportunities for in-depth spiritual awakening and renewal. In addition to these, daily liturgical services, visits to the sick, and spiritual and pastoral counseling are only a few of the commitments our ministry seeks to fulfill.

While serving Sacred Heart, our Campus Ministry reaches out to the wider community. A Mass for the handicapped is offered every week so that those individuals can participate in the Mass without physical obstructions common in many churches.

Through its support of local and international agencies, the University demonstrates its concern for the poor, the hungry, the lonely and the oppressed, and the separated or divorced.

## Career Planning and Placement Office

The Career Planning and Placement Office is located in the Campus Center and offers a wide variety of information and services. Students are encouraged to begin their career exploration process early in their education; many pertinent resources are available for use. In addition, the center maintains a library which contains updated graduate catalogues and current annual reports of many companies. Graduate exam application dates and forms, including the GRE, GMAT, LSAT, PACE, NTE and others are also available.



The office records and posts part-time, full-time and professional employment opportunities, both in the office as well as in the main academic building. Resume writing and interviewing technique seminars are conducted periodically. In addition, symposiums dealing with various careers are given during the year.

Individual appointments are scheduled with graduating seniors to explore post-graduation plans. Interest testing and interpretation of skill assessment values, personal preference and motivation is also part of the process. The Director meets personally with personnel and other professionals on a continuing basis to investigate employment information and to secure potential openings for our graduates.

## Housing

The Counseling Center of the University maintains a file of available housing in the area. This reference service is available to students free of charge. For more information about this service, call 374-9441, extension 251.

## Health Services

The Health Center is located in the south wing next to the Student Pub. A registered nurse is on duty from 9:00 a.m. to 3:00 p.m. throughout the calendar year.

The Health Center houses a three bed infirmary and provides first-aid and emergency health care services for students of the University on a day care basis. The Center also distributes articles and pamphlets on health problems of particular interest to students.

# Student Activities

The people who are the University are committed to the vision of Sacred Heart as a learning center which meets the needs of the whole person. For this reason, the University places special emphasis on a diversified program of activities that reflects the curricular and extracurricular interests of the students. Simply stated, the aim of student activities is to foster a sense of pride and belonging and community.

Activities include:

- Accounting Club
- American Chemical Society (Student Chapter)
- American Institute of Biological Sciences (Student Chapter)
- American Marketing Association (Student Chapter)
- ASPA (American Society for Personnel Administration)
- Beta Delta Phi Sorority
- Class Organizations
- The Community Chamber Singers
- Continuing Education Evening Council
- Delta Epsilon Sigma (Honor Society)
- Student Pub
- Economics Club
- Game Room (Campus Center)
- Gold Key
- La Hispanidad
- The Inter-Fraternity Sorority Council
- Intramurals
- Math Club
- Nu Epsilon Omega Sorority
- Obelisk (Newspaper)
- Phi Alpha Theta (National History Honor Society)
- Philosophy Club
- Pi Sigma Phi Sorority

Prologue (Yearbook)  
 REPHAS  
 Rho Sigma Chi Fraternity  
 The Rycenga Society  
 SAM (Society for Advancement of Management)  
 Sigma Psi Delta Fraternity  
 Sigma Tau Omega Fraternity  
 Sociology and Social Work Club  
 Special Weekends  
 Student Government  
 The University Community Chamber Orchestra  
 The University Chorale  
 WSHU (Radio-FM)

### **Social Service Activities**

Another aspect of student life which fosters a positive sense of social consciousness is the varied program of social service activities. The University is, by definition, community oriented, and the strong social service program provides the student with the means to become committed to, and directly involved in community action. Some recent activities include:

Appalachia Food & Clothing Drive  
 Blood Bank  
 Canned Food Drive  
 Children's Thanksgiving Party  
 Heart Fund Drive  
 Leukemia Fund Drive  
 March of Dimes Haunted House Drive  
 Muscular Dystrophy Fund Drive  
 United Way Drive

## **Cultural Activities**

Sacred Heart University is specially committed to the Arts, and sponsors a wide variety of cultural activities both for its own university community and that larger one within which it exists. Situated between Bridgeport and Fairfield, on the Merritt Parkway, only twenty minutes away from the Yale Campus and one hour away from New York City with all its museums and concert halls, Sacred Heart is centrally located in an area rich with artists, writers and musicians.

The focal point for the cultural programs is the whole University Campus; its spacious Auditorium for drama, the new Art Gallery for exhibitions, the Library Lecture Hall for movies and lectures, the Student Center Lounge for its diversified programs.

### **University Exhibitions**

As part of its commitment to the Arts, Sacred Heart sponsors exhibitions throughout the year that feature professionals as well as students. Such shows include the Illustrational Invitational for professionals, the High School Art Teachers Show, Senior Students Show and the Fairfield County Illustrators Show. Within the past three years since the Illustration program was established at Sacred Heart University, students have benefited from the expertise and training of professional illustrators, through lecture classes and demonstrations. Art as a teaching tool is offered in its full perspective, indicating man in his full creative potential, recording his vision, his knowledge of himself, his social critique.



## **Drama Club**

During its first year, the Drama Club presented Dickens' "Christmas Carol" and Brian Friel's "Lovers." The Club also co-sponsored the first American visit of the Iona Players, a young dramatic troupe from Dublin, who visited and staged three plays on the campus. Drama Club members visit professional theaters, such as the Yale Repertory, Long Wharf, and American Shakespeare Theater. Over the summer, play readings, workshops and productions are held.

## **Center for Ethnic Studies**

Serving the cultural and educational interests of the various ethnic groups in our commuting areas, the Center for Ethnic Studies offers courses and lectures in the history, literature and language of different nations. In addition to academic programs and study-trips abroad, the Center sponsors special events featuring ethnic art, plays, music and dance. Refer to the departments of History and Modern Foreign Languages for descriptions of academic courses.

## **SHU String Music Center**

The SHU-Strings Music Center offers private and class instruction in piano, violin, viola, cello, contrabass, recorder and voice. The faculty of outstanding professional artists/teachers includes the University resident chamber ensemble, *The Connecticut String Quartet and Friends*.

## **SHU—Community Chamber Orchestra**

The University is specially proud to be the base of operations for the Community Chamber Orchestra. This talented ensemble, composed of students, faculty and experienced area musicians is primarily concerned with the authentic interpretation of Baroque music, although emphasis is also placed on the worlds of modern American and European composers.

# **Athletics**

The University has worked to develop an athletic program which provides for maximum student participation. There are organized intramural leagues for sports such as hockey, softball, basketball and football. The gym is open Mondays through Fridays to all members of the Sacred Heart community. During this time, activities such as ping pong, volleyball, basketball, boxing and baseball are among those featured.

The University is a member of the NCAA, ECAC, NECAC, AIAW and the EIAIW. We have participated in several post-season baseball tournaments and in men's and women's basketball tournaments as well.

Because of the many outstanding teams Sacred Heart has fielded, the University is considered a Division II powerhouse in basketball and baseball.

The Pioneer basketball team won the 1979 ECAC New England Championship and was the 1978 New England Regional Champion. In 1977, the Pioneers were the NCAA New England Regional Champions, the NCAA Eastern Regional Champions and were ranked fifth in the nation in basketball. During the 1976 season, the Pioneer baseball team won the Northeast Division II championship and played in the NCAA College World Series.

The men's intercollegiate program consists of basketball, baseball, soccer and golf.

Women have the opportunity to compete intercollegiately in volleyball, basketball, and softball.

**BASKETBALL (MEN)**

A.I.C.	Merrimack
Assumption	New Haven
Bentley	Quinnipiac
Bridgeport	Southern Conn.
Central Conn.	St. Anselm's
Cheyney State	St. Michael's
C.W. Post	Stonehill
Hartford	

**BASKETBALL (WOMEN)**

Bridgeport	Springfield
Fairfield	St. Francis (Brooklyn)
Iona	Wagner
Mercy	West Point
New Haven	Yale
Seton Hall	

**GOLF**

Bridgeport	Southern Conn.
Central Conn.	Western Conn.
Fairfield	Yale
Quinnipiac	

**VOLLEYBALL (WOMEN)**

Albertus Magnus	New Haven
Bridgeport	West Point
Coast Guard	Yale
Manhattanville	

**BASEBALL**

AIC	Fordham
Adelphi	Merrimack
Bridgeport	New Haven
Brooklyn College	Queens
Central Conn.	Quinnipiac
C.W. Post	Southern Conn.
Fairfield	Wagner

**SOFTBALL (WOMEN)**

Bentley	Providence
Bridgeport	Queens
Brooklyn	St. Peter's
Lowell	Western Conn.
Manhattanville	Western New England
Mercy	West Point

**SOCCER**

AIC	King Point
Bridgeport	New Haven
Central Conn.	N.Y. Tech
Coast Guard	Quinnipiac
Fairfield	Southern Conn.
Hartford	Western Conn.
Jersey City	Western New England

## Intramurals

The University encourages student participation in a variety of intramural activities. The intramural program has expanded rapidly and in the past year included the following:

Basketball  
Touch Football  
Volleyball  
Ping Pong  
Hockey  
Badminton

Softball  
Weight Lifting  
Free Play  
Jogging  
Boxing

# Departments\*

## DEPARTMENT OF ART AND MUSIC

Through art and music, there is direct access to the products of human intelligence and ingenuity. Creativity reflects and builds upon the past and projects into the future. Historical survey courses in Art and Music foster the ability to examine and evaluate creative achievements in the social and cultural milieu within which they were created. The relationship between the artist, the time, and the audience is a general focus for much of this study. Applied Music and Studio Art courses are planned to foster the growth of individuality through experience in the making of art and music. These courses are a challenge to the perceptual and conceptual processes of creative expression.

The department offers a major in Art with specialization in Painting, Illustration, or Graphic Design.

### Painting

An artist communicates with a visual vocabulary the experience of living. With imagination and sensitivity, the artist visually conveys a personal response to nature and the environment. The personal and expressive insight of the artist moves and influences those who are receptive to this creative vision.

In preparing students for a career in the fine arts, emphasis is placed on the development of skills in painting and drawing. Through growth in aesthetic sensibility toward color and pictorial organization, the student learns to explore new possibilities of expression. The course of study examines traditional and experimental painting and drawing and is designed to expand the student's initiative, imagination and capacity for self-criticism. The development of sensitivity and self-awareness are integral to the individual's realization of personal expression and the power of personal vision.

Requirements: AR 110, 111, 120, 130, 220, 221, 230, 231, 330, 391, plus 6 credits in Art History and 6 credits in Studio elective courses.

### Illustration

The illustration profession affects all areas of visual communication including books, periodicals, educational aids, advertising and television. Illustrators are part of a team. In their creative efforts they consult with writers, editors, art directors and clients. Their creative work is generally reproduced through either the printed or electronic media, and their final product is achieved jointly with printers and/or film technicians. In this collaborative venture, the illustrator is the innovator and primary force for aesthetic quality. The illustration program is planned to give a foundation in this vital field and enables the student to competently handle the numerous problems of this demanding profession.

Requirements: AR 110, 111, 120, 130, 160, 211, 220, 260, 261, 390, plus 6 credits in Art History and 6 credits in Studio elective courses.



## Graphic Design

The graphic designer is a visual communicator. Design problems that present the image of companies, institutions, products and individuals are effectively solved by the graphic designer. Their creative vision is expressed in the effective planning and execution of corporate identity programs, logos, annual reports, signage, promotional materials and point of sale items, architectural graphics, stationery and other printed materials. In all instances, the designer must create images to which the public will respond and understand. In working with photographers, film makers and illustrators, the designer selects the best methods for the visual solutions to specific problems. The Graphic Design graduate can look forward to a stimulating career in the ever broadening field of graphic and visual communication.

Requirements: AR 110, 111, 112, 120, 130, 211, 212, 220, 260, 270, 271, 390, plus 6 credits in Art History.

### **AR 101 Art in the Western World**

**3 Crs.**

A study of the ideas and arts of those cultures that initiate and develop into the Western tradition, presented through selected illustrated examples from ancient to modern periods. Includes an analysis of the basic characteristics of the art and architecture of these eras in the context of general cultural trends.

### **AR 104 American Art: Colonial to Modern**

**3 Crs.**

A study of the ideas and ideals in American art in reference to the European mainstream. Emphasis on the styles and forms of the American environment and experience that constitute the characteristic tradition in painting, sculpture and architecture.

### **AR 110 Design: Visual Organization**

**3 Crs.**

An investigation of the compositional elements of art structure. Principles of two-dimensional design taught through a series of experimental exercises and applied problems in the visual organization of line, shape, tone, texture and space with emphasis on their value in the communication of ideas.

### **AR 111 Design: Color**

**3 Crs.**

Discovery and experiment with the interaction of shape, space, light and texture as related to color. A study of the influence of color interaction on color perception and color symbolism with problem emphasis on the creation of space and pattern through value, chroma and intensity control. Prerequisite: AR 110

### **AR 112 Design: Three-Dimensional**

**3 Crs.**

Exploration of the fundamental concepts of three-dimensional design. Emphasis on basic problems dealing with mass, volume, and planes in space using various materials. Prerequisite: AR 110.

### **AR 120 Drawing I**

**3 Crs.**

An exploration of the fundamental problems of composition and perception as related to drawing. Experimentation with varied media directed toward both the descriptive and expressive visual conceptualization of ideas.

### **AR 130 Painting I**

**3 Crs.**

An introduction to painting methods and media. Guided experimentation in several media with emphasis on content, color interaction and properties of the media. Prerequisite: AR 110 and 120.

### **AR 131 Watercolor**

**3 Crs.**

A beginning course dealing with the basic understanding of various techniques and methods of painting with watercolors. Emphasis will be given to the process as it relates to visually defining nature forms, still life, landscape and the human figure. Compositional elements will also be stressed. Prerequisite: AR 120.

### **AR 140 Sculpture I**

**3 Crs.**

Investigation of basic sculptural elements, concepts and materials. Emphasis on the aesthetic and structural aspects of three dimensional reality. Prerequisite: AR 110.

### **AR 160 Illustration Methods**

**3 Crs.**

Explores the use of materials and techniques used in graphic illustration for reproduction. Emphasis on effective use of media for development of creative concepts and imaginative ideas.

### **AR 201 Studies in Modern Art**

**3 Crs.**

An analysis of the works and questions raised by the arts of the 19th and 20th Centuries. The roles of modern artists as they reflect, criticize and project or prophesy on life in the 20th Century are emphasized.

### **AR 204 Renaissance Art**

**3 Crs.**

A critical discussion of the historical, conceptual and formal changes in the visual arts within the 15th and 16th Centuries. Includes an analysis of the influence of Italian and Northern painting on the culture of Europe.

### **AR 205 European Art: 17th-19th Century**

**3 Crs.**

A course treating the major developments in painting, sculpture and architecture during the 17th and 18th Centuries, as modified by the historical situations and humanistic values in specific countries.

**\*COURSE DESCRIPTIONS ARE A GENERAL SUMMARY AND ARE SUBJECT TO MODIFICATIONS AND CHANGES.**

**AR 206 Contemporary Art****3 Crs.**

Examines art currently being shown in galleries and museums. Surveys the development of the new approaches to form and analyzes the formal idea as related to execution and content. A study of European and American art from 1920 to the present.

**AR 210 Design: Letterforms****3 Crs.**

Discovery of the expressive and abstract qualities of letterforms. Exploration of their use in illustration and design formats. Experience in creative lettering and calligraphy. Prerequisite: AR 110.

**AR 211 Design: Typography/Layout****3 Crs.**

An introduction to classical and modern letterforms, the mechanics of type composition and the fundamentals of layout. Consideration given to the selection of proper type and layout that enhances the thought and idea and strengthens the visual presentation. Problems dealing with letterforms as design, layout, type specification and indication. Prerequisite: AR 110.

**AR 212 Design: Reproduction Processes****3 Crs.**

An exposition of printing methods including various processes in platemaking, die-cuts, embossing, full-color process printing, and current technical innovations. Studio experience in the preparation of art copy for the printer, mechanicals, paste-ups and color separations. Prerequisite: AR 211.

**AR 220 Drawing II****3 Crs.**

A continuation and expansion of the ideas, techniques and media related to the control of drawing as both analytical and inventive. Development of the student's ability to conceive the figure as form and volume with stress on gesture, proportion and anatomy. Emphasis on a refinement of technique for individual expression and self-awareness. Model fee. Prerequisite: AR 120.

**AR 221 Drawing III****3 Crs.**

Intensive investigation of media and form as related to the figure. Problems progress from structural ideas to more sophisticated exploitation of subject matter and finally to individual interpretation. Model fee. Prerequisite: AR 220.

**AR 230 Painting II****3 Crs.**

Continued development of painting techniques in several media with emphasis on pictorial organization and color sensitivity. Focus on development of creativity and individuality including both objective and non-objective processes and concepts. Prerequisite: AR 130.

**AR 231 Painting III****3 Crs.**

Advanced study toward the development of individual expression. The exploration of independent compositional ideas and technical means related to content. Critiques and evaluations are constant. Prerequisite: AR 230.

**AR 250 Printmaking: Relief Processes****3 Crs.**

An introduction of the basic graphic processes in printmaking, concentrating on the expressive aspects of various media. Explores the relief processes, including black and color woodcut techniques. Prerequisite: AR 110.

**AR 251 Printmaking: Silkscreen****3 Crs.**

A study of the processes of serigraphy, including the four basic stencil techniques and their variations: hand cut film, tusche, glue, cut and torn paper. Also included are phototechniques using prepared films and screens. Prerequisite: AR 111.

**AR 252 Printmaking: Photo-Silkscreen****3 Crs.**

Photographing, developing and enlarging techniques relative to making a silkscreen print. Experiences in working with high contrast prints, color key, posterization and overlays. Prerequisite: AR 110.

**AR 260 Illustration I****3 Crs.**

An introduction to illustration as a communications medium. Development of effective techniques with emphasis on composition, design and originality. General technical study of the illustration and its related elements to the total format. Fundamental studio problems stressing graphic sensibility related to many levels of communication. Prerequisite: AR 220.

**AR 261 Illustration II****3 Crs.**

Development of the visual communication of ideas with emphasis on the technical and graphic means for conveying visual impact. Expanded technical usage of full color, line and halftone methods of illustration. Problems and assigned projects related to individual interests. Prerequisite: AR 260.

**AR 264 Advertising Design & Illustration****3 Crs.**

Deals with the imparting of visual impact and excitement for the selling of products and services. Developing and finishing illustrations for advertising with consideration for reproduction requirements. Problems dealing with line, black and white, limited and full color advertising. All media. Prerequisite: AR 261.

**AR 270 Graphic Design I****3 Crs.**

The application of design principles as related to visual communication. Includes the development of layout techniques, paste-ups, typographic design, illustration and photography as related to print media, package design, publication design, corporate identity systems, etc. Emphasis on the ability to create effective problem solving concepts. Prerequisite: AR 211.

**AR 271 Graphic Design II****3 Crs.**

Solving specific design problems in all areas of visual communications. Establishing an idea from rough layout to tight comps and coordinating the elements to create effective visual statements. Prerequisite: AR 212, 270.

**AR 272 Graphic Design III****3 Crs.**

In depth investigation of realistic promotional programs ranging from concept to finished visual. Emphasis on individual creative solutions relative to product and idea, budget and client. Prerequisite: AR 271.

**AR 310 Design: Animation and Film Graphics****3 Crs.**

Problems relating directly to the field of film animation and film graphics. Emphasis on the presentation of a related series of pictures in time and the organization and design of graphic elements to create impact. Prerequisite: AR 261.



**AR 320 Drawing IV****3 Crs.**

Advanced problems of perception, structure, anatomy and concepts in drawing the human figure. Focus on independent development of the expressive use of various drawing media. Model fee. Prerequisite: AR 221.

**AR 330 Painting IV****3 Crs.**

Studio emphasis on the development and clarification of personal and imaginative statements. Initiative and discipline toward the production of a sustained body of consistent work is expected. Includes the development of an independent painting project. Prerequisite: AR 231.

**AR 360 Illustration III****3 Crs.**

An advanced series of studio problems related to the student's specific area of illustration. Emphasis on solutions both practical and relevant to professional needs and demand. Assignments are geared for application to the student's portfolio. Prerequisite: AR 261.

**AR 361 Storyboard Illustration****3 Crs.**

Examination of the problems related to space-time relations in story preparation for film. Emphasis on drawing, color and clarity of detail necessary for sequential presentation to convey character action and variety in the graphic movement.

**AR 362 Scientific Illustration****3 Crs.**

A course in observational drawing techniques. Perspective, scale, value and visual organization are stressed in relation to accurate rendering for biological illustration. Specialized problems related to student's interest. Prerequisite: AR 261.

**AR 363 Story Illustration****3 Crs.**

Illustration in conjunction with the short story. Preparation of idea sketches in relation to the text and page layout. Presentations include finished illustrations, a resume of the text, and a layout of text and illustrations. Prerequisite: AR 261.

**AR 364 Advanced Advertising Illustration****3 Crs.**

Complex problems dealing with interpretation and clarity in the visual communication of ideas. Advanced problems involving illustrative drawing and complete layout for booklets, brochures, and direct mail in black, white and color. Prerequisite: AR 264.

**AR 390 Portfolio Preparation****3 Crs.**

Development of a graduate portfolio geared toward the professional goals of the student. Includes an inventory of past assignments and suggestions for complimentary ones. Guidance from faculty and visiting professionals.

**AR 391 Senior Project****3 Crs.**

An in-depth study for Fine Arts majors. Encompasses problem solving and technique indicative of the ability to work as a mature and independent artist.

**AR 399 Independent Study****1-3 Crs.**

Individual problems performed in a classroom or private studio. Students must have completed the most advanced course in the area selected for independent work. Admission arranged in consultation with faculty.

## PROGRAM IN MUSIC

The condition of today's music is radically changed from that of all previous ages. This change is the work of scientists and technicians, not composers and performers. Through electronic media, music has become immediately accessible to almost everyone; not only the songs of modern troubadours, but the accents of distant drummers, speaking from far off lands and ages. In a sense, all music, however close or remote its origins in time and space, has become our music. We seek to engage it, to open our minds and spirits to its language and emotion, to range through its vast, polyglot treasures, and thus to become more fully one with the humanity which continually amplifies our cultural heritage.

**FA 111 Music in Western Civilization****3 Crs.**

An introductory study of musical style, content and function as determined by the cultural and ideas of the age in which the music was created.

**FA 119 Opera****3 Crs.**

A study of music and text as they are joined in the drama of opera and directed listening and discussion focused upon standard works from opera of various periods and nationalities.

**FA 120 Recorder Technique and Literature****3 Crs.**

The development of musicianship through the medium of the recorder (flauto dolce). Survey of the varieties of Medieval, Renaissance, Baroque and modern music appropriate to the instrument.

**FA 123 Music Literature: Renaissance and Baroque****3 Crs.**

Representative compositions studied as products of the interactions among composer, musical tradition and contemporary culture. Emphasis upon developing an understanding of the expressive language of early music. No technical background required.

**FA 128 Music in America****3 Crs.**

A survey of music in North America from the pilgrims to the present. Emphasis upon the creation and use of music, both popular and classical, as a reflection of American society.

**FA 129 Twentieth Century Music****3 Crs.**

Style, content and function of music in 20th Century society. Music as fine art and popular art: diversity and divergence.

**FA 130 Music in Christian Worship****3 Crs.**

The use of music in worship from the early Christian Church to the present. Emphasis upon the relation between historical practices and requirements of music in the modern liturgical renewal.

**FA 201 Musicianship I****3 Crs.**

Construction and function of scales, intervals, triads in root position and inversions. Correlated ear training, music dictation, sight-singing and keyboard drill.

**FA 202 Musicianship II****3 Crs.**

Study of seventh, ninth, eleventh and thirteenth chords in root position and inversions. Use of non-harmonic tones and modulations. Advanced ear training, keyboard work and musical analysis. Prerequisite: FA 201 or permission of Instructor.

**FA 232 University Chamber Singers****1 Crs.**

A select ensemble specializing in pre-Classical and modern vocal chamber works. Admission by audition.

**FA 233 University Chamber Orchestra****1 Crs.**

Admission by audition to performers on woodwind, brass, string, or keyboard instruments.

**FA 234 Applied Music****1 Crs.**

For students who wish to participate in special ensembles or other performance activities throughout a semester including private or class lessons. Permission of department required.

**FA 236 Early Music Consort****1 Crs.**

An instrumental and vocal ensemble dedicated to the performance of early music. Admission by audition.

**FA 237 Class Voice****2 Crs.**

Basic singing techniques in the development of a functional tone which can be applied to various musical styles. For singers, actors, and entertainers.

## DEPARTMENT OF BIOLOGY

The curriculum of the Department of Biology is designed to provide foundation in all the basic areas of biology. The introductory course is both descriptive and experimental. It provides the student with insight and experience in many aspects of biology such as cellular energetics, integration and coordination, heredity, reproduction and evolution in both the plant and animal kingdoms. An alternate introductory course is designed for freshmen who have not declared a final major. Successful completion of this course, (BI 101—The Nature of Life), will allow a student to enter the second half of the first introductory course and from there into a major. Adjustment for laboratory experience is made on a personal basis.

The program in biology offers a choice among four areas: general biology, medically oriented biology, pre-medical biology, biology and education. Required courses vary among these areas. Elective courses in history, parasitology, immunology, biochemical techniques, bioecology, analytical techniques in environmental biology, natural resource management and evolution are open to all students with the appropriate prerequisites.

The areas are interconvertible to the end of the sophomore year, at which time the student is expected to make a definitive choice. The pre-medical area is designed to conform precisely with the requirements of the American Medical Association.

Opportunities for supervised research are available in the junior and senior years to students with B averages. Multidisciplinary programs are advised with minors in media studies, business, illustration, chemistry, mathematics, computer or legal studies.

Appropriate courses in chemistry, mathematics and physics enhance the quality of the biology major. They also offer greater possibilities for study or work after graduation. The biology programs at Sacred Heart University offer a complete basis, as well as specialization, toward graduate degrees in biology and chemistry, entrance into medical and dental schools, secondary school certification, as well as job opportunities in research laboratories and industries.

The Department of Biology requires that all students counsel within the department. Elective courses are offered in both medically and environmentally oriented areas of biology. Elective courses include invertebrate biology, marine biology, parasitology, immunology, advanced genetics, histology, virology, natural resource management, evolution, and biochemical techniques in biology.

There are two programs in the biology major with required, elective and supporting courses:



**REQUIRED COURSES (36 crs.)**

**Medically Oriented Program**

Animal Development (BI 212)  
Genetics (BI 220)  
Microbiology (BI 230)  
Cell Physiology (BI 311)  
Systems Physiology (BI 312)  
Comparative Vertebrate Anatomy (BI 340)  
Bioecology (BI 350)

**Environmentally Oriented Program**

Plant Gr. and Dev. (BI 210)  
Animal Development (BI 212)  
Genetics (BI 220)  
Microbiology (BI 230)  
Systems Physiology (BI 312)  
Bioecology (BI 350)  
Anal. Techs. in Env. Biol. (BI 375)

**ELECTIVE COURSES (12 crs.)**

Twelve credits in elective courses are required and can be chosen from any combination of biology courses that are not required in the program of choice.

Twelve credits represent the *minimum* for elective courses. It is anticipated that the serious student will take a careful selection of these courses beyond 12 credits.

Appropriate courses in chemistry, mathematics and physics enhance the quality of the biology major. They also offer greater possibilities for study or work after graduation.

**Supporting Chemistry Courses**

CH 001-002 Inorganic Chemistry I and II (8)  
CH 111-112 Organic Chemistry I and II (8)

**Supporting Math. and Physics Courses\***

MT 015 Precalculus (4)  
MT 016 Introduction to Calculus (4)  
PY 111-112 College Physics I and II (8)

\*Premedical and predental students are required to take the above courses in mathematics and physics. Analytical chemistry is also recommended.

With permission, students in the environmental program may take the following combinations of supporting mathematics courses.

MT 015 Precalculus (4)  
CS 011 First Course in Computer Science (5)  
or  
MT 106 Probability and Statistics I (3)  
CS 011 First Course in Computer Science (5)

**Biology and Education**

Either program of the biology major may be combined with appropriate courses in education and practice teaching for the attainment of certification for secondary schools.

The biology programs at Sacred Heart University offer a complete basis, as well as specialization, toward graduate degrees in biology and chemistry, entrance into medical and dental schools, secondary school certification, as well as job opportunities in research laboratories and industries.

**Suggested Course Sequence**

*Freshman			
BI 111 Concepts in Biology I	4	BI 112 Concepts in Biology II	4
CH 111 Inorganic Chemistry I	4	CH 012 Inorganic Chemistry II	4
MT Selection	3-5	MT Selection	3-5
EN 011 Freshman Rhetoric	3	EN 012 Freshman Rhetoric	3
	14-16		14-16
Sophomore			
BI 220 Intro to Genetics	4	BI 210 Plant Growth and Development	4
BI 230 Microbiology	4	BI 212 Animal Development	4
BI Elective	4	BI Elective	4
CH 111 Organic Chemistry I	4	CH 111 Organic Chemistry II	4
Area Elective	3	Area Elective	3
	15-19		19
**Junior			
BI 311 Cell Physiology	4	BI 312 Systems Physiology	4
BI 340 Com. Vert. Anat. or	4	BI 375 Techs. in Env. Biol.	4
BI 350 Bioecology	4	BI Electives	4-8
BI Elective	4	CA 021 Communication	3
Area Electives	3-6	Area Elective	3
	15-18		18

**\*\*Senior**

BI 311 Cell Physiology	4
BI 340 Com. Vert. Anat. or	4
BI 350 Bioecology	4
BI 390 Supervised Research	3
Area Elective	3
	15-18

BI 312 Systems Physiology	4
BI 375 Techs. in Env. Biol.	4
BI Elective	4
BI 390 Supervised Research	3
Area Elective	3
	15-18

\*MT 015 and 016 for premedical

\*\*PY 111-112 for premedical

Course prerequisites should be checked in the 1980 catalog before you register for science courses.

### **BI 031-032 Anatomy and Physiology I and II 8 Crs.**

A study of the structures and functions of the human body with emphasis on coordination and adjustment mechanisms and correlation with necessary chemical background. Laboratory periods provide practical understanding of human systems and evaluation of fundamental concepts. Three lectures and 1-three hour laboratory weekly. Lab fee \$25.00 per semester. Required for programs in nursing science. Prerequisite: Permission of department. No core credit.

### **BI 061 Introduction to Microbiology 4 Crs.**

An introduction to microbial structure, metabolism and ecology with emphasis on the interaction of microbes and their environment. The laboratory periods include aseptic technique and the cultivation and identification of bacteria. Three lectures, three hours laboratory weekly. Lab fee \$25.00. Required for programs in nursing science. Prerequisite: Permission of department. No core credit.

### **BI 101 The Nature of Life 4 Crs.**

An introduction to basic biology concepts with emphasis on the molecular and cellular nature of life, energy systems in plants and animals, human organ systems and their functions, genetics and inheritance. Three lectures, two hours of experiment and discussion weekly. Lab fee \$10.00.

### **BI 102 Perceptions of Science in Modern Society 3 Crs.**

A course designed to provide a realistic perception of the workings of modern science. Emphasis is placed on crucial aspects of science and how these aspects affect the individual, the community and the world. Three lectures weekly. Prerequisite: BI 101 or college biology.

### **BI 103 Pollution in Fairfield County: A Practical Examination 3 Crs.**

A practical examination of the main pollution problems in Fairfield County, their causes, alternative solutions and evaluation of the favorable and unfavorable effects of these solutions. Air, water, solid waste and noise pollution are covered along with the problems of population density. The course material is general enough to be applicable to other urban-suburban areas. Three lectures weekly. Prerequisite: BI 101 or college biology.

### **BI 104 Introduction to Marine Biology 3 Crs.**

An introduction to the science of marine biology. Emphasis on the natural history of marine organisms of Long Island Sound. Students provide transportation. Twice weekly field trips. Prerequisite: BI 101 or college biology. (Summers only)

### **BI 105 Introduction to Nutrition 3 Crs.**

A study of the basic concepts of nutrition as well as current controversies. The course includes problems of food choices in relation to body needs and of designing and consuming a balanced diet for sound nutrition throughout life. Prerequisite: BI 101 or college biology.

### **BI 106 Human Biology 3 Crs.**

The human body systems beyond the level of BI 101. Physiological and biochemical considerations are correlated with anatomy and the general processes of integration and control, maintenance and reproduction. Prerequisite: BI 101 or college biology.

### **BI 107 Genetics and its Social Implications 3 Crs.**

A course in genetics designed for the non-science major. The material includes the physical basis of inheritance, the molecular nature of genetic information and the effect of recent findings on society. Three lectures weekly. Prerequisite: BI 101 or college biology.

### **BI 108 Man and the Environment 3 Crs.**

An inquiry into the interactions of man and environment including population and cultural problems, the use and misuse of physical, chemical and biotic resources and the nature of proper management systems. Three lectures weekly. Prerequisite: BI 101 or college biology.

### **BI 109 Evolution and Survival 3 Crs.**

The survival mechanisms of organisms, communities and ecosystems as related to the nature and process of evolution. The course provides a view of evolutionary process and production in terms of time, adaptation, selection and extinction. Three lectures weekly. Prerequisite: BI 101 or college biology.

### **BI 111-112 Concepts in Biology I and II 8 Crs.**

An experimental approach to major concepts in modern biology from both the molecular and descriptive viewpoint. Emphasis is placed on the diversity and interrelationships of all living organisms. Major topics include the origin of life, cellular energetics and metabolism, homeostatic relationships, integration and coordination, mechanisms of heredity, reproduction and evolution. This course is required of all biology majors, open to all psychology majors and with the permission of the department, to other qualified students. Three hours of lecture, three hours of laboratory weekly. Lab fee \$25.00 per semester. Permission of department.



**BI 210 Plant Growth and Development 4 Crs.**

The life of the plant considered from the viewpoint of both physiology and morphology. Emphasis will be laid on the experimental investigation of the plant's response to varying environmental conditions. Three lectures, three hours laboratory weekly. Lab fee \$25.00 per semester. Prerequisite: BI 111, CH 011-012 or permission of department.

**BI 212 Animal Development 4 Crs.**

A study of gametogenesis, embryogenesis, morphogenesis and evolutionary differentiation among vertebrates. The biochemical control of development and the major systems are considered. Laboratory work in gametogenesis, meiosis, cell differentiation, and organ systems in selected vertebrates. Three lectures, three hours laboratory weekly. Lab fee \$25.00 per semester. Prerequisite: BI 111-112, CH 011-012.

**BI 220 Introductory Genetics 4 Crs.**

A study of Mendelian inheritance, the cytological basis of inheritance and molecular genetics. Three hours lecture, three hours laboratory weekly. Lab fee \$25.00. Prerequisite: BI 111-112, CH 011-012.

**BI 230 Microbiology 4 Crs.**

A study of patterns of microbial physiology and ecology. Laboratory concentrates on identification of bacterial species. Three hours lecture and three hours laboratory weekly. Lab fee \$25.00. Prerequisite: BI 111-112, CH 011-012.

**BI 235 Histology 4 Crs.**

A study of the microscopic anatomy of tissues, organs and cells of the human body designed to provide the student with a basic understanding of the structural correlates of function. The laboratory introduces histological methods and gives practice in the identification of human tissues. Lab fee \$25.00 per semester. Prerequisite: BI 111-112, CH 011-012.

**BI 240 Invertebrate Biology 4 Crs.**

A study of the major invertebrate phyla including a consideration of phylogenetic relationships and morphological and physiological adaptations related to the ecology or level of organization of each phylum. Laboratory and field work. Three lectures, three hours laboratory weekly. Lab fee \$25.00 per semester. Prerequisite: BI 111-112, CH 011-012.

**BI 260 Marine Biology 4 Crs.**

An introduction to biological oceanography. The interrelations between organisms of the sea and their physical and chemical environment. Emphasis is placed on ecology and taxonomy of Connecticut estuarine fauna in the laboratory and on field trips. Three lectures, three hours laboratory-field work weekly. Lab fee \$25.00 per semester. Prerequisite: BI 111-112, CH 011-012.

**BI 270 Principles of Animal Parasitology 4 Crs.**

A comprehensive study of the biology of common animal parasites: their classification, morphology of adult and larval stages, patterns of life cycles, ecological requirements of all stages in the physical and biological environments and the means of transmissions of all stages. Emphasis on parasites of humans. Lab fee \$25.00 per semester. Prerequisite: BI 111-112, CH 011-012.

**BI 311 Cell Physiology 4 Crs.**

The physiological principles governing the functions of cells with molecular biology as the basis. Topics include enzyme chemistry, sources and distribution of energy, cellular metabolic pathways, protein synthesis and membrane transport. Laboratory includes biochemical analysis, enzyme kinetics and biochemical pathway studies. Three lectures, three hours laboratory weekly. Lab fee \$25.00 per semester. Prerequisite: BI 111-112, CH 111-112.

**BI 312 Systems of Physiology 4 Crs.**

The physiology of vertebrate systems with emphasis on the human. Topics include cardio-vascular, respiratory, neural, muscular, digestive, endocrine, reproductive and excretory physiology. Laboratory work includes studies of muscle-protein, quantitative neural impulse conduction, quantitative cardio-vascular parameters and a number of other systems. Three lectures, three hours laboratory per week. Lab fee \$25.00. Prerequisite: BI 111-112, CH 111-112 or permission of department.

**BI 320 Advanced Genetics Seminar 3 Crs.**

An examination of classic and potentially classic genetic papers from Mendel to the present. Three hours weekly, no laboratory. Prerequisite: BI 220.

**BI 325 Immunology 4 Crs.**

A study of the immune response including characteristics of antigens, antibodies and antigen-antibody interactions. Laboratory work includes agglutination, precipitation, complement fixation reactions, animal inoculations and other immunological techniques. Three lectures, three hours laboratory per week. Lab fee \$25.00. Prerequisite: BI 230.

**BI 330 Virology 4 Crs.**

Introductory course including various plant, animal and bacterial viruses. Includes general viral characteristics, replication, genetic diseases and other selected material. Laboratory work includes tissue culture, animal inoculations, viral serology and titration techniques. Three hours lecture, three hours laboratory weekly. Lab fee \$25.00. Prerequisite: BI 230.

**BI 340 Comparative Vertebrate Anatomy 4 Crs.**

The comparative anatomy of vertebrates in relation to their life style and evolutionary status. System study includes integument, skeleton, muscle, circulation, respiration, digestion, urogenital, brain and peripheral nerves of selected vertebrate types. Three lectures, three hours laboratory weekly and three extra hours of independent laboratory work. Lab fee \$25.00 per semester. Prerequisite: BI 212.

**BI 350 Bioecology 4 Crs.**

The fundamental concepts of plant and animal ecology as revealed by field and laboratory studies of communities, succession, energy systems, physical-chemical factors of the environment and population dynamics. Three lectures, one afternoon of laboratory field work weekly. Lab fee \$25.00 per semester. Prerequisite: BI 111-112, CH 011-012.

**BI 370 Natural Resource Management 4 Crs.**

An inquiry into methods of resource management for soils, water, atmosphere, minerals, grassland, forest, wildlife and recreation. Misuse of resources is considered in the light of correct management procedures. Three lectures, three hours lab-field weekly. Lab fee \$25.00 per semester. Prerequisite: BI 350.

**BI 375 Analytical Techniques in Environmental Biology 4 Crs.**

A course designed to instruct individuals in the chemical and biological analyses of varied environments. Topics include sampling procedures, chemical analyses, biological analyses and the treatment of data. Two lectures, three hours laboratory weekly. Prerequisites: BI 350, CH 011-012.

**BI 380 Evolution 4 Crs.**

An introduction to the analysis and syntheses of the evolutionary pattern of life in plants and animals. Laboratory sessions provide an insight into the methodology of evolutionary studies. Three lectures, three hours laboratory weekly. Lab fee \$25.00 per semester. Prerequisites: BI 220, 350.

**BI 385 Biochemical Techniques in Biology 4 Crs.**

A study dealing with the use of biochemical procedures in solving biological problems. Topics include biochemical analysis of cellular constituents, enzyme purification, special enzyme analysis and the quantitative aspects of intermediary metabolism. Two lectures, four hours laboratory weekly. Lab fee \$25.00 per semester. Prerequisite: BI 311, CH 216.

**BI 390 Supervised Research 3-6 Crs.**

Individual research projects in the basic areas of biology under the supervision of faculty. Lab fee \$25.00 per semester. Prerequisite: B+ average and permission of department.

## DEPARTMENT OF BUSINESS ADMINISTRATION

The objective of a college education is to provide the broadest possible exposure to knowledge. A college graduate, having gained some familiarity with the totality of human experience, should be capable of rational evaluations and creative participation in life. The dynamic character of knowledge forces one to stay abreast of recent developments, while precise communication is essential for successful endeavors.

The faculty of the Department of Business Administration considers its mandate to be: preparing the student for creative roles in life while at the same time providing certain minimal skills that can be applied to career choice. It is hoped that the student will take advantage of the unique opportunity that the University offers and gain some understanding of the subject matter that may currently appear to be of peripheral interest.

## PROGRAM IN ACCOUNTING

The Accounting curriculum is designed to meet both short-term and long-term needs of a student who wishes to enter the accounting profession. A foundation for professional growth in accounting is equivalent to preparation for graduate study; therefore, the accounting program will also meet the needs of those who plan to continue their education on the graduate level. The following courses are those required for majors in accounting: (57 credit hours)

### REQUIRED COURSES

Principles of Accounting I, II, (AC 101, 102)  
 Intermediate Accounting I, II (AC 201, 202)  
 Advanced Accounting I, II (AC 301, 302)  
 Cost Accounting (AC 313)  
 Auditing I (AC 321)  
 Federal Taxes I, II (AC 383, 384)  
 Organization Management (BU 201)  
 Business Finance (FN 215) or Financial Analysis (FN 314)  
 Business Law I, II (BU 231, 232)  
 Introduction to the Computer (CS 010)  
 Auditing II (AC 322) or Analytical Techniques for Decision Making (BU 242)  
 Business Statistics (BU 241)  
 Principles of Economics I, II (EC 201, 202)

### Recommended:

Managerial Accounting (AC 212)  
 COBOL Programming (CS 015)  
 Auditing II (AC 322) or a second course in Finance (FN 215 or 314)



**AC 101-102 Principles of Accounting I, II****6 Crs.**

Required as the beginning course for all accounting majors. AC 101 covers financial accounting for transactions analysis through accounting for partnerships; AC 102 covers stockholders' equity and managerial accounting from break-even analysis to standard costs and various forms of statement analysis and forecasting. Both courses provide intense, rigorous preparation for subsequent course work.

**AC 103-104 Accounting for Managers I, II****6 Crs.**

Required for all business majors except those who have taken AC 101, 102. AC 103 covers financial accounting; AC 104 covers managerial accounting. Differs from AC 101-102 primarily in its emphasis on the practical uses of accounting data rather than on its development. It is designed to enable the non-accountant to read financial statements intelligently and to make use of the information contained therein.

**AC 201-202 Intermediate Accounting I, II****6 Crs.**

Further development of accounting concepts, placing more emphasis on the theoretical aspects involved. Primarily intended for the accounting major, this is also a highly useful course for business administration majors. Note: credit for AC 201 can be gained without taking AC 202. Prerequisite: AC 101-102.

**AC 211 Budgeting for the Manager****3 Crs.**

Designed to show how the operating plans of marketing, engineering, personnel, and manufacturing become part of the company's financial objectives. Covers sales forecasting and budgeting; planning; budgeting for cash flow; capital requirements and manufacturing operation; budget control and standards.

**AC 212 Management and Accounting: An Integrated Case Approach****3 Crs.**

Specifically designed for the management student. Will focus on the uses of accounting information as one element in the making of managerial decisions, but will bring other information and points of view to bear as well. Will consider such topics as budget analysis and reactions, cash-flow and its impact on the organization, cost concepts and pricing strategies, etc. Prerequisite: AC 101 or AC 103.

**AC 313 Cost Accounting****3 Crs.**

Covers methods of accounting for and reporting the costs of materials, labor, and overhead in job and process cost systems. Included intensive work in joint and by-product costing as well as on standard costs and variance analysis.

**AC 314 Managerial Accounting****3 Crs.**

Covers analysis of market costs and cost-volume-profit situations; studies variable costing and methods of reporting, use of cost information in pricing decisions, capital expenditure analysis, budgeting and cash management, transfer pricing, and related topics.

**AC 321 Auditing I****3 Crs.**

A study of the principles of audit practice and the procedures used by independent public accountants in examining accounting records and statements. This course emphasizes accepted accounting practices and professional ethics in connection with rendering a professional opinion on financial conditions or operating results. Prerequisite: AC 202.

**AC 322 Auditing II****3 Crs.**

Provides advanced training in auditing, utilizing case studies, publications of the American Institute of Certified Public Accountants, preparation of audit reports, and other advanced materials. Prerequisite: AC 321.

**AC 383 Federal Taxes I****3 Crs.**

A survey of income tax accounting as it applies to the individual. This course covers the more important concepts involved in preparing federal income tax returns. Prerequisite: AC 102.

**AC 384 Federal Taxes II****3 Crs.**

A study of income tax accounting as it applies to the corporation. This course includes a survey of gift and estate taxes, reorganizations, and other specialized topics. Prerequisite: AC 383.

## Academic Requirements for the AICPA Examination in the State of Connecticut

The minimum academic requirements for those seeking to sit for the AICPA examination in the State of Connecticut are:

1. A bachelor degree from a regionally accredited college;
2. At least 46 semester hours from such an accredited college in the study of accounting and related subjects, including but not limited to, business law, economics, and finance; of which twenty-four semester hours shall be in the study of Accounting.

In practical terms, the credits need to be taken as follows:

Accounting:	At least 24 semester hours.
Business Law:	At least 3 semester hours but no more than 6 semester hours in each.
Economics:	
Finance:	
Business Electives:	A maximum of 13 semester hours.

# PROGRAM IN BUSINESS ADMINISTRATION

The curriculum in Business Administration provides a solid foundation in both quantitative techniques and in Management theory. The following courses are required in Business Administration: (45 credit hours)

## REQUIRED COURSES

Accounting for the Manager I and II	AC 103-104	Business Statistics	BU 241
Management and Accounting:	AC 212	Analytical Techniques for	
*Business: Its Nature & Env.	BU 103	Decision-Making	BU 242
Organizational Management	BU 201	Business Policy	BU 301
Organizational Behavior	BU 202	Principles of Economics I and II	EC 201-202
Business Communications	BU 221	National Income Analysis	EC 301
Business Law I	BU 231	Business Finance	FN 215

In addition, an elective option is available to concentrate in the fields of: Human Resource Management, Management Management, and General Management. A minimum of six credits will be required to fulfill the requirements of a concentration in addition to the 48 credits hours mentioned above in the business core program.

\*BU 103 can be waived with permission of department.

### BU 021 Business English 3 Crs.

This course is designed for the secretarial student prior to the second semester in shorthand. It includes the study of grammar, word usage, punctuation, capitalization, and vocabulary building. BU 021 emphasizes that communication skills are utilized by all office workers in all facets of business.

### BU 103 Business: Its Nature and Environment 3 Crs.

The basic introductory course representing a concern for the traditional facets of business as well as for the social and physical climate in which business operates. The management point of view is emphasized but the rights of the individual as employee, citizen and consumer are also discussed. The purpose of this course is to give a clear overview of the area of activity known as business. Not required of those students who provide substantiation of acceptable practical business experience.

### BU 128 The History of American Business Enterprise 3 Crs.

An examination of the growth and development of business enterprise in America from early colonial times to the present. Topics receiving special consideration include the role of the entrepreneur; the evolution of business specialization; the rise of the corporate form and of "big" business; notable innovations in management and marketing; and the interplay of business enterprise and other aspects of American society. May be taken for Area I History credit.

### BU 201 Organization Management 3 Crs.

An interdisciplinary study of managerial decision-making utilizing behavioral and quantitative approaches. Included among the topics are decision-making per se, motivation and behavior, leadership, group behavior, organizational change, planning, control and allocation of resources. Lectures and case studies. Prerequisite: BU 103 or permission of department.

### BU 202 Organizational Behavior 3 Crs.

Examination of the research underlying current theories of organization. Individual, group, intergroup and other human behavior and development; application of social science research to administration. Prerequisite: BU 201.

### BU 221 Business Communications 3 Crs.

Project oriented course dealing with individual student efforts in all facets of communication: verbal, written and graphic. Assignments required in areas such as business correspondence; executive summary; verbal presentations; charts. Work assignments supplemented with audio aids and lectures, dealing with grammar and vocabulary development. Prerequisite: Grades of C or better in EN 010 and EN 011

### BU 231-232 Business Law I & II 6 Crs.

A general survey of law, including the legal system, courts and court procedures, the law of contract, agency, partnership, corporation, sales and employment.

### BU 241 Business Statistics 3 Crs.

Introductory course in statistics for students in business administration. Problem oriented. Statistics as it is used; frequency distribution; probability; sampling; hypothesis testing; correlation analysis; linear regression analysis; and graphic presentation of statistical material. Prerequisite: MT 001 and MT 002, grade C or better.

### BU 242 Analytical Techniques for Decision Making 3 Crs.

Survey of analytical techniques used in the solution of management problems. Potentials and limitations of mathematical models and proper areas for their application. Topics include breakeven analysis; probability, statistical decision theory, linear programming, waiting line, inventory replacement models. Prerequisite: BU 241.

### BU 243 Investment Analysis and Statistical Techniques 3 Crs.

A survey of various investments including the stock and options markets, the commodity futures market and the international money market, including an analysis of the structure of each. Techniques for forecasting price to be studied including fundamental analysis of price theory, linear regression, exponentially smoothed forecasts and technical trend analysis. Prerequisite: BU 241 or BU 242 or permission of Department.



**BU 278 Introduction to International Business**

A broad survey of international business—beginning with a macro overview of the world economy and the transition from a domestic to a multinational enterprise. Specific discussions and lectures will then deal with: Choosing the foreign target market; international marketing mix; international promotional strategies; pricing strategies; exporting; licensing; foreign production; and political risk of foreign market entry. Prerequisite: Sophomore status.

**BU 281 The Social Setting of Business 3 Crs.**

Examines the problems of the American business community in connection with economics, history, politics, culture and societal factors. Cases and readings are utilized to illustrate the interactions, conflicts, strategies and responsibilities which emerge in regard to the role of the business entity. Stress is placed on the mutually affective relationship between the business community and its larger context of society. Prerequisite: Junior standing.

**BU 301 Business Policy 3 Crs.**

Formulation and administration of policy; integration of the various specialties of business; development of overall management viewpoint. Prerequisite: Senior standing or permission of the instructor.

**BU 373 Entrepreneurship: Starting Your Own Business 3 Crs.**

Most individuals sometimes feel the urge to quit their job and start a business of their own. However, being a well-qualified tradesman, a skilled craftsman, or an expert professional does not necessarily equip one to be "his own boss". This course gives the facts needed for managing an enterprise skillfully and profitably.

**BU 382 Business Forecasting 3 Crs.**

The emphasis is on forecasting and planning as an aid for executive decision-making. After sources of information, applications, and limitations are covered, the nature of short and long range planning is reviewed. Other areas explored are the interrelationship of strategic planning and economics, how to interpret business conditions, and evaluate threats and opportunities. Prerequisite: EC 202.

**BU 383 Economics of Business Expansion 3 Crs.**

Application of economic analysis to problems of new products, acquisitions, and other business ventures. Includes contemporary approaches to market demand, incremental profits, business forecasts, environmental impact, and political considerations. Prerequisite: EC 202.

**BU 392 Business Seminar 3 Crs.**

A general seminar requiring research on a personal project, oral progress report to the seminar group, and a formal written report. Prerequisite: Senior standing and permission of the instructor.

**BU 399 Independent Study 1-3 Crs.**

Prerequisite: Permission of department.

**BUSINESS EDUCATION****OPTION 1: SECRETARIAL/BUSINESS CONCENTRATION**

The Business Education program with a Secretarial Concentration prepares the individual for three employment areas upon graduation. These are:

1. A teacher of business education.
2. An executive secretary-administrative assistant.
3. An entry level management position in personnel management, etc.

As a prospective business education teacher, the candidate is provided with the following:

1. Maximum preparation for teaching shorthand, typing, secretarial practice, clerical practice, and office machines.
2. Minimum preparation for teaching all business courses on the secondary level, such as bookkeeping, business economics, business law, business organization, business management, general business, business English.
3. Concentrated training in professional courses such as tests and measurements, and learning theories.

**Departmental Courses Required for Secondary Business Education (Secretarial Concentration)****(51 crs. required)**

AC	101-102	Principles of Accounting I and II	6
EC	201-202	Principles of Economics I and II	6
SE	041-042	Elementary and Intermediate Typing	6
SE	051-052	Elementary and Intermediate Shorthand	6
SE	151-152	Shorthand III and IV and Transcription	6
SE	043	Typing III	3
SE	161-162	Secretarial Procedures I and II	6
BU	103	Business: Its Nature and Environment	3
BU	201	Organizational Management	3
BU	231	Business Law I	3
BU	021	Business English	3

**Secretarial Concentration:**

1. Students without previous instruction in shorthand and typing must take SE 041 (Typing I) and SE 051 (Shorthand I).
2. Those with previous experience in typing instruction at the high school level may be exempt from SE 041 and/or SE 042 as a result of a proficiency exam.
3. Those with previous experience in shorthand instruction at the high school level may be exempt from SE 051 and/or SE 052 as a result of a proficiency exam.
4. Those students granted exemptions in the Shorthand and Typing areas are recommended to substitute courses from the business administration department.

## **BUSINESS EDUCATION**

### **OPTION 2: BUSINESS CONCENTRATION**

The Business Education major with a Business Concentration is prepared for three employment areas upon graduation. These are:

1. A teacher of business education.
2. A position as a trainee in a large corporation.
3. An entry level management position.

As a prospective business education teacher, the candidate is provided with the following:

1. Maximum preparation for teaching bookkeeping, recordkeeping.
2. Minimum preparation for teaching all business courses on the secondary level, such as: business law, business economics, business organization, business management, general business, business English, personal typing, and typing.
3. Concentrated training in professional courses such as principles, methodology, developmental and adolescent psychology.

#### **I. Departmental Courses Required for Secondary Business Education (Business Concentration)**

		<b>(45 crs. required)</b>
AC	101-102	Principles of Accounting I and II
AC	201-202	Intermediate Accounting I and II
EC	201-202	Principles of Economics I and II
BU	201	Organizational Management
BU	231-232	Business Law I and II
AC	383	Federal Taxes I
SE	041-042	Elementary and Intermediate Typing
BU	Elec.	Business Electives chosen from II. below
		9

#### **II. Departmental Courses Recommended for Business Concentration**

HR	207	Management of Human Resources	3
FN	215	Business Finance	3
BU	221	Principles of Communication	3
BU	242	Analytical Techniques for Decision Making	3
MK	261	Principles of Marketing	3
MK	262	Principles of Advertising	3
BU	301	Business Policy	3
FN	314	Financial Analysis	3
AC	384	Federal Taxes II	3
SE	162	Secretarial Procedures II	3

#### **III. Departmental Recommended General Electives for Business Concentration**

SO	101	Principles of Sociology	3
PS	121	Applied Psychology	3
PS	215	Social Psychology	3
PS	331	Psychological Tests and Measurements	3
ED	231	School Health and Safety Education	3
ED	271	Principles of Guidance	3
ED	315	Evaluating the Results of Instruction	3
BU	021	Business English and Communications	3

**Business Concentration:**

1. Students without previous instruction in typing must take SE 041 (Typing I).
2. Those successfully completing one year of typing instruction in high school will take SE 042 (Typing II).
3. Those students granted exemption in typing are recommended to substitute a course from the business administration department.



## PROGRAM IN ECONOMICS

Very few disciplines are undergoing such a rapid transformation as are economics and related sciences. The major in economics takes this into account. While the faculty recognizes that an understanding of economic problems does not require considerable mathematical sophistication, it feels that for an understanding of business economics, mathematics is essential. Hence, all students choosing an economics major are recommended to take a certain number of math courses.

### REQUIREMENTS FOR A BACHELOR IN ECONOMICS

- |                            |        |                             |                  |
|----------------------------|--------|-----------------------------|------------------|
| A. Principles of Economics | EC 201 | National Income Analysis    | EC 301           |
| Principles of Economics II | EC 202 | Money and Banking           | EC 302           |
| or                         |        | Economic Statistics         | EC 212           |
|                            |        |                             | (same as BU 241) |
| Managerial Economics       | EC 313 | History of Economic Thought | EC 341           |
- B. Twelve credits from other economics offering.  
 C. Twelve credits in related fields. (No more than six credits in any one discipline). Political Science, Sociology, Psychology, Philosophy (ethics).

**EC 101 Introduction to Economics** **3 Crs.**  
 Introduction to the resources, institutions, and problems of the economic system. Not open to accounting or business administration majors.

**EC 201 Principles of Economics I** **3 Crs.**  
 Introduction to the major topics of macroeconomics analysis, including the roles of consumption, saving, investment, government fiscal policies, and the banking systems in the determination of employment, output, and growth. Prerequisite: MT 2.

**EC 202 Principles of Economics II** **3 Crs.**  
 Introduction to major topics of microeconomic analysis. Covers the functioning of the market system, marginal concepts, and distribution theory. Prerequisite: EC 201.

**EC 212 Economic Statistics** **3 Crs.**  
 See BU 241

**EC 221 Economics of the Firm** **3 Crs.**  
 The application of economic theory to problems faced by the individual firm. Studies such topics as analysis and forecasting of demand, cost analysis, and market structure analysis. Prerequisite: EC 202.

**EC 243 U.S. Economic History** **3 Crs.**  
 An analytical survey of the development of the United States' financial and economic structure. The first half deals with the history of government finance and money and banking, analyzing such topics as: government revenues and expenditures, debt management, currency, coinage and commercial banking. The second half deals with the historical growth of American economy. Topics include: national income and its distribution, population growth, land and agriculture, capital accumulation, evaluation of manufacturing, transportation and transformation of business enterprise. Prerequisite: EC 202.

**EC 301 National Income Analysis** **3 Crs.**  
 A course in aggregate economic analysis. The emphasis is on the determination of national income and employment, consumption and saving, investment, prices, and the interest rate. Policies associated with the theory are critically examined. Prerequisite: EC 201.

**EC 202 Money and Banking** **3 Crs.**  
 A study of the behavior and significance of money, credit, debt, and the banking system. A survey of the quantity theories and structure of interest rates. Current problems in monetary and fiscal policies are critically discussed. Prerequisite: EC 301.

**EC 313 Managerial Economics** **3 Crs.**  
 An analysis of the structure of industry and business firms. The application of analytical tools of economics to decision-making. Topics include: the determination of relevant costs for decisions within the business firm, pricing and capital budgeting problems, forecasting business conditions, risk and uncertainty, union policies and cases involving actual managerial situations which require the use of economic analysis. Prerequisite: EC 202 and BU 242.

**EC 322 International Economics** **3 Crs.**  
 An examination of international trade theory and policy, balance of payment mechanism and international monetary system. Special emphasis is given to current problems of trade restrictions and tariffs, gold and international flow of funds and the role of international reserves. Prerequisite: EC 202.

**EC 341 History of Economic Thought** **3 Crs.**  
 Development of economic theory. The major contributions of the various schools of economic thought; Adam Smith through contemporary theory.

**EC 342 Economic Development** **3 Crs.**  
 This course will study the development of European capitalism from manufacturing to the factory system and the corporations, the spread of the world market.

**EC 343 The Third World in the World Economy** **3 Crs.**  
 Capitalism's expansion can be studied from two aspects. First, its internal dynamics as a world system, and second, its historical impact on the precapitalist societies of the "third world." This course concentrates on the second aspect. The former is dealt with in EC 342. It will focus on the origin of underdevelopment and some possible solutions. It will examine the classical theories of optimal investment policies, dualism, development assistance, population growth, optimal trade policy and unemployment.



**EC 344 Comparative Economic Systems 3 Crs.**

A study of alternative organizational structures for the production and distribution of goods and services. The economic institutions of a society reflect its values, habits, traditions, experiments and inertia. These are viewed from both the macro and micro perspective in such countries as the U.S., Soviet Union, Modern China, Yugoslavia, and Israel.

**EC 351 Economic Growth 3 Crs.**

Theory of growth and capital accumulation with emphasis on macroeconomic aspects. "Balanced" and "unbalanced" growth in closed and open economic systems. Prerequisite: EC 301.

**EC 372 Urban Economics 3 Crs.**

Designed to provide the student with an understanding of the organization and form of urban areas and critical examination of such urban problems as: transportation, housing, poverty, centralization and decentralization of government, taxation as a means of financing urban public services, and problems of the environment. Prerequisite: EC 201, 202; EC 101 or permission of instructor for non-business majors.

**EC 373 Public Finance 3 Crs.**

The role of the government in relation to national income allocation and income distribution. Principles guiding the allocation of resources between the private and public sectors, expenditure, theory, including cost-benefit analysis. The impact of taxes on the distribution of income. Expenditures programs, their nature, importance, purpose, and economic effects. Prerequisite: EC 201 or 301.

**EC 381 Labor Economics 3 Crs.**

Covers union, labor legislation, dynamics of labor supply, labor mobility, productivity and the effects of automation, wage structure and determination, and the problems of unemployment. Prerequisite: EC 202.

**EC 401 Introduction to Econometrics 3 Crs.**

Elementary mathematical expression of economic theory. Combined use of mathematics and statistics to solve economic problems. Use of econometric models for formulation of economic policy.

**FINANCIAL OFFERINGS****FN 215 Business Finance 3 Crs.**

The basic course in Finance investigates the methods of securing funds and managing them in order to meet both short and long term capital requirements. Internal financial management, cash flow analysis, capital expenditure decision making, source and use of funds and financial analysis are investigated. The use of cases is employed in certain circumstances to bring classroom technique closer to the actual business situation. Prerequisite: AC 103.

**FN 314 Financial Analysis 3 Crs.**

This course is concerned with the analysis of financial statements as an aid to decision making. The student will be expected to exhibit an understanding of the processes and methodologies of financial statement analysis in a written report of an analysis of three companies in the same primary industry. Prerequisite: AC 102 or 104.

**FN 315 Investments 3 Crs.**

This course is designed to introduce the student to the different types of securities investments available to the institutional and personal investor. The student will learn to evaluate the individual securities by applying risk and analysis as well as fundamental and technical research. Other topics will include discussions on the stock exchange, popular investment theories and portfolio management.

**HUMAN RESOURCE OFFERINGS****HR 207 Management of Human Resources 3 Crs.**

Major attention is devoted to the basic personnel processes that are involved in the procurement, development, and maintenance of the organizational human resource: selection, training, motivation, remuneration, and relations with unions. Prerequisite: BU 201 or permission of instructor.

**HR 208 Compensation of Human Resources 3 Crs.**

Principles and problems in the administration of wages, salaries, and benefits. Topics include job analysis, job evaluation, salary surveys, creating the wage structure, executive compensation, benefits administration, program maintenance and control. Provides actual experience in development of compensation programs. Prerequisite: HR 207.

**HR 209 Development of Human Resources 3 Crs.**

Deals with the optimization of human resources by facilitating change in people, in technologies, and in organizational processes and structures. Emphasis on human resource planning, evaluation, training, management development, "systems" and "by objectives" approaches to planned change. Prerequisite: HR 207.

**HR 233 Human Resources: The Legal Environment 3 Crs.**

Deals with the legislative foundations, legal processes and institutions that regulate the employment of human resources in institutions. Reviews such legislation as the Occupational Safety and Health Act, the Federal Civil Rights Act and other laws; agencies such as the EEOC, OFCC, etc. Prerequisite: HR 207.

**HR 276 Job Evaluation 3 Crs.**

Examines in detail the techniques and rationale of determining job value to the organization in terms of relative job worth within the firm and equitable relationships of pay for similar responsibilities in other organizations. Emphasis will be placed upon the procedures for analyzing and describing jobs, methods of evaluating job worth, and techniques for developing wage structures.

**HR 307 Collective Bargaining 3 Crs.**

A study of the development and methods of organized groups in industry with reference to the settlement of labor disputes. An economic and legal analysis of labor union and employer association activities, arbitration, mediation and conciliation; collective bargaining, trade agreements, strikes and boycotts, lockouts, company union, employee representation, and injunctions. Prerequisite: HR 207.



**HR 308 Problems in Contemporary****Collective Bargaining****3 Crs.**

Collective bargaining as a process has been under intense critical fire for some time. Few problem areas in collective bargaining yield final solutions. The most critical issues in labor relations are necessarily controversial. An important obligation is to present these areas as well as the fundamentals of collective bargaining to the student. Prerequisite: HR 207.

**HR 309 Problems In Managing Human Resources****3 Crs.**

Case study and discussion of advanced problems in their personal relations and human resource management. Particular emphasis on the problems of the senior personnel executive. Prerequisite: Permission of instructor.

**HR 310 Seminar In Human Resources Management****3 Crs.**

Permits advanced students to deal individually or in small groups with guided, self-study projects suited to their personal needs and interests. Research into recent developments, innovations and issues in personnel administration. Prerequisite: Permission of instructor.

**INSURANCE OFFERING****IN 252 Insurance In Today's Society****3 Crs.**

This course is designed to give today's students a greater insight into the role insurance plays in their lives. For the students who go into industry, it will enable them to be familiar with the insurance requirements of business. For all others, it will enable them to be better consumers of the insurance product. Prerequisite: Sophomore standing or permission of department.

**MARKETING OFFERINGS****MK 261 Principles of Marketing****3 Crs.**

The basic course in investigating the components of the marketing mix. The comprehensive managerial approach is employed, and cases supplement each area of exploration. Topics covered are customer behavior, product policy, channels of distribution, advertising and promotion, price policy, marketing programs and the legal aspects of marketing. Prerequisite: BU 201.

**MK 262 Principles of Advertising****3 Crs.**

An analysis of advertising from the managerial viewpoint of its relationship within the marketing mix. Social and economic aspects of advertising; practices and issues; analysis of media; the communications function; creative aspects including art and copy; measures of effectiveness. Prerequisite: MK 261 or permission of department.

**MK 263 Principles of Retailing and Merchandising****3 Crs.**

History and development of the retail function and its relationship of the wholesaler and manufacturer. Store management; the buying function; elements of style and fashion; pricing policies; customer relations; store location; sources of supply. Retail mathematics including markup, markdown, and turnover. Prerequisite: MK 261 or permission of department.

**MK 265 Industrial Marketing****3 Crs.**

A study of the special problems involved in the marketing of industrial products. Covers the following aspects of the industrial marketing program: organization, advertising and sales promotion, market research, product pricing, budgets and controls, and international marketing. Prerequisite: MK 261

**MK 286 Consumer Motivation****3 Crs.**

The survey approach is implemented to explore those fields of knowledge from which important contributions to understanding marketing behavior are being made. Materials and references from psychology, sociology, cultural anthropology and history are used in conjunction with marketing problems. The consumer is examined in terms of both individual and group buying behavior patterns; his process of arriving at buying decisions is appraised at both the retail and non-retail levels. Prerequisite: MK 261.

**MK 361 Marketing Management****3 Crs.**

A broad study of the effective management of the marketing mix. The case approach assists in viewing the marketing manager's efforts as coordinated with the contributions of the segments of the firm. Outside readings contribute to the understanding of marketing decision-making as being wholly related to the firm's goal, with a view to the larger context of society itself. Prerequisite: MK 261.

**MK 362 Marketing Research****3 Crs.**

Principle areas and methods of marketing research are explored . . . mail, diary panel, phone and the personal interview. Various types of research are analyzed with stress on the information gathering function of research as a means to more effective business decision-making. Prerequisite: MK 261

**MK 363 Marketing Promotion****3 Crs.**

The inter-related roles of advertising, publicity, sales promotion, personal selling and sales management are considered as a whole. Case problems are taken from a variety of fields, with solutions sought through the use of universal promotional principles. Prerequisite: MK 261

**MK 364 Sales Management****3 Crs.**

Management of sales personnel; sales department organization; selecting, training and compensation plans; sales territories; motivation of sales personnel; quotas and budgets; measurements of sales effectiveness. Analysis of the selling functions as related to consumer and industrial needs and requirements. Prerequisite: MK 261.

**MK 365 Contemporary Marketing Problems****3 Crs.**

Investigation of current marketing problems with emphasis on decision making in an environment of uncertainty. Analysis of modern marketing philosophy and trends. Course structured in a seminar atmosphere. Research paper required with maximum individual effort and minimum classroom work. Prerequisite: 6 Marketing credits or permission of instructor.

**MK 367 Industrial Marketing Research****3 Crs.**

Marketing research techniques as utilized and practiced by corporations engaged in the marketing of industrial products or services. Prerequisite: BU 261 or permission of instructor.

**MK 399 Independent Study** 3 Crs.  
Prerequisite: Permission of department.

**PRODUCTION OFFERINGS**

**PD 275 Principles of Production and Inventory Control** 3 Crs.  
A comprehensive survey of the techniques and rationale of production and inventory control. Covers forecasting, inventory management, production planning, scheduling and control. Prerequisite: BU 201 or permission of department.

**PD 277 Purchasing—Policies, Procedure and Techniques** 3 Crs.  
A comprehensive course in the concepts and methodologies of purchasing. Among the topics covered are the management of purchasing personnel, vendor relationships, performance standards, systems contracting, negotiating techniques, and materials management. It is designed to complement PD 275, Principles of Production and Inventory Control.

**PROFESSIONAL SECRETARIAL STUDIES PROGRAM**

This program is designed to meet the needs of both those students who plan to terminate their education after two years and enter the secretarial managerial field as well as those who plan to continue their education toward a Bachelor's degree.

The two-year program equips the students with the expert skills that today's business world requires at the executive secretarial/administrative assistant level. The development of superior secretarial techniques, as well as a broad liberal arts background, develops the ability and confidence needed to meet the demands of the complex business community.

Prior to registration, placement tests will be given to those students who have had previous instruction in typing and shorthand. Students showing proficiency in these areas can substitute courses in other academic areas.

**Associate in Science**

**EXECUTIVE-LEGAL-MEDICAL**

First Semester			Third Semester		
BU 021	Business English	3	SE 043	Typing III	3
SE 041	Typing I	3	SE 161	Executive Office Procedures I or	3
SE 051	Shorthand or		SE 131	Legal Office Procedures I or	
SE 005	Speedwriting	3	SE 181	Medical Office Procedures I	3
BU 103	Business: It's Nature and Environment	3	SE 162	Secretarial Procedures II	3
Liberal Arts Elective		3			
		15			12
Second Semester			Fourth Semester		
EN 011	Freshman Rhetoric I	3	SE 163	Secretarial Procedures III	3
SE 042	Typing II	3	SE 152	Executive Office Procedures II, or	
SE 052	Dictation & Transcription	3	SE 132	Legal Office Procedures II, or	
SE 161	Secretarial Procedures I	3	SE 182	Medical Office Procedures II	3
SE 031	Legal Terminology or				
SE 081	Medical Terminology or				
SE 061	Executive Communications	1	Liberal Arts Elective		3
Liberal Arts Elective		3	Liberal Arts Elective		3
		16	Liberal Arts Elective		3
					15



WORD PROCESSING

First Semester

BU 021	Business English	3
SE 041	Typing I	3
SE 051	Shorthand or	
SE 005	Speedwriting	3
BU 103	Business: It's Nature and Environment	3
Liberal Arts Elective		3
		15

Second Semester

EN 011	Freshman Rhetoric I	3
SE 042	Typing II	3
SE 052	Dictation & Transcription	3
SE 161	Secretarial Procedures I	3
SE 031	Legal Terminology or	
SE 081	Medical Termi- nology or	
SE 061	Executive Com- munications	1
Liberal Arts Elective		3
		16

Third Semester

SE 043	Typing III	3
SE 171	Office Machines and Word Processing I	3
Business Elective		3
Business Elective		3
		12

Fourth Semester

SE 163	Secretarial Procedures III	3
SE 172	Advanced Word Pro- cessing and Office Machines II	3
Liberal Arts Elective		3
Liberal Arts Elective		3
Liberal Arts Elective		3
		15

A grade of "C" or better is required in BU 021, EN 011, and all Secretarial and Business courses. In addition a 2.0 grade point average is required overall.

**SE 005 Speedwriting I 3 Crs.**

The main purpose of this course is to teach the students to read, write, record and transcribe speed-writing symbols fluently and accurately; to develop their knowledge of spelling, word usage, sentence structure and punctuation; and to develop those per-sonal attributes desirable in the business world.

**SE 031 Legal Terminology 1 Cr.**

This course is designed to introduce and acquaint the student with frequently used legal vocabulary which in-cludes spelling and definition. A variety of legal foreign words and phrases will be introduced so as to fami-larize the students in this area. The primary objective of this legal course is to develop the student's ability to successfully understand, utilize, and write legal ter-minology. Prerequisite: SE 041.

**SE 041 Typing 3 Crs.**

Develop mastery of the electric keyboard, knowledge of the manipulative parts of the machine, and intro-duce centering, tabulations, and basic business let-ters.

**SE 042 Typing II 3 Crs.**

Further develop skills introduced in Typing I with em-phasis on building speed and maintaining accuracy. Apply typing techniques to more complex business forms. Prerequisite: SE 041.

**SE 043 Typing III 3 Crs.**

Continue speed development, importance of accuracy stressed, introduce specialized vocabulary, technical typing, typing from handwritten materials and rough drafts, provide exposure to development of skills on electric typewriters with proportionate spacing and in-terchangeable type. Prerequisite: SE 042.

**SE 051 Shorthand I 3 Crs.**

Present Gregg Shorthand with emphasis on reading and writing. Some dictation and transcription of ele-mentary business letters are included.

**SE 052 Dictation and Transcription 3 Crs.**

Emphasize building speed in taking dictation, strength-ening knowledge of theory, developing business vo-cabulary, and building transcription skills.

This course accommodates students with back-ground in Gregg Shorthand, speedwriting, Century 21, and any other writing systems.

**SE 061 Executive Communications 1 Cr.**

This course is designed to enable the student to learn and master the principles and techniques of effective business communication. Emphasis will be placed on the development of a clear, concise writing style suitable to the purpose of the message and adapted to the reader. Prerequisite: SE 041.

**SE 081 Medical Terminology 1 Cr.**

Medical Terminology provides the medical secretarial student with an opportunity to become familiar with the pronunciation, definitions, and spelling of medical vocabulary. Students are introduced to the various medical specialties and allied health services. Medical typing style and reference materials are presented. Medical ethics, confidentiality, and professionalism are stressed. Career opportunities and professional or-ganizations are discussed. Prerequisite: SE 031, SE 042, SE 052, SE 005 or permission of instructor.

**SE 131 Legal Office Procedures I 3 Crs.**

Legal Office Procedures I prepares the student for a legal position in an attorney's office or in a legal department of a corporation. This course provides the student with a thorough knowledge of office procedures which is required by all competent legal secretaries. The primary objective of this course is to familiarize the students with the basic attitudes and skills which are essential in successfully maintaining a legal secretarial position. Emphasis is directed toward the student's understanding and preparation of various Connecticut forms and legal papers. Application and exposure is given to legal documents, terms, and special duties involved in legal typing and procedures. Prerequisite: SE 041 or permission of instructor.

**SE 132 Legal Office Procedures II 3 Crs.**

This course is designed to continue and expand on those practices started in Legal Office Procedures I, but in greater detail. Emphasis is placed on the student's ability to prepare legal papers and court documents. Special instruction is given to enable the student to derive legal information from one document to be applied to another. Special emphasis is placed on the student's ability to handle, maintain, execute, and follow through various legal forms, records, and procedures. All instruction is directed toward Connecticut forms, rules and procedures. Prerequisite: SE 131.

**SE 151 Executive Office Procedures 3 Crs.**

Continued skill development in shorthand dictation and transcription of mailable letters. Emphasis upon the administrative responsibilities of a secretary, including review of all activities related to entering the job market, handling of financial records, composing a variety of business communications, and familiarization with general administrative support services. Prerequisites: SE 005, SE 061, SE 042, or SE 052.

**SE 152 Executive Office Procedures 3 Crs.**

Continue to strengthen and refine the basic skills previously acquired and further development of speed and accuracy in transcription. Continuation of specialized administrative duties such as incorporating a records system, handling travel arrangements, planning meetings and conferences, and further exploration of general administrative support services. Prerequisite: SE 151.

**SE 161 Secretarial Procedures I 3 Crs.**

A study of modern office practices, work habits, attitudes, and human relations presented utilizing discussion techniques, oral and written communication, guest speakers, and field trips. Prerequisite: SE 041.

**SE 162 Secretarial Procedures II 3 Crs.**

Develop skills in the operation of electronic memory display and electronic memory printing calculators, belt and cassette transcribers, and word processing equipment. Filing systems and display typing are also included. Prerequisite: SE 041 or SE 042.

**SE 163 Secretarial Procedures III 3 Crs.**

This course is designed to provide students with the opportunity to transfer their basic skills to the solution of office problems. Arrangements will be made with organizations in the local business community for a supervised work experience program. Permission of instructor required. Monthly seminar scheduled.

**SE 170 Theory and Supervision in Word Processing 3 Crs.**

The overall word processing concept used in conjunction with equipment, procedures, and personnel in relation to the concept of a total automated office system is the focal point of this course. Stress will be on techniques used for effective management and supervision in word processing centers. Learning to organize and operate a center through acquiring knowledge and expertise in day-to-day operations, selecting and training personnel in a center, evaluating work, and measuring productivity of subordinates will be included.

**SE 171 Word Processing and Office Machines I 3 Crs.**

This course is designed to develop skill on belt and cassette transcribing units, display work on Selectric II typewriters, and alphabetic, numeric, and geographic filing systems. Word Processing, utilizing both lectures and keyboard techniques on the Olivetti S-14 Mastermind, IBM Memory Typewriter, and other word processing equipment will be introduced. Language skills will be developed in order to coordinate with the needs of those who may be working in a word processing center. Prerequisite: SE 042 and SE 061.

**SE 172 Word Processing and Office Machines II 3 Crs.**

This course is designed to enhance and strengthen proficiency on all transcribing units, the Olivetti S-14 Mastermind, the IBM Memory Typewriter, and the additional word processing equipment. In addition, students will be given advanced assignments on language skills and continued development of expertise on the proportional-spaced typewriters. Prerequisite: SE 171.

**SE 181 Medical Office Procedures I 3 Crs.**

The non-shorthand option of Medical Office Procedures I provides the medical correspondence student with an opportunity to continue developing a medical vocabulary while building skill in medical machine transcription. The shorthand option provides the student with an opportunity to become familiar with medical shorthand outlines and to build skill in taking and transcribing medical dictation. In both options, there is review of the pronunciation, definitions, and spelling of medical terminology. Medical typing, medical office procedures, medical reference material, medical ethics, and career opportunities and qualifications are emphasized. Prerequisite: SE 005, SE 042, SE 052, SE 081 or permission of instructor.

**SE 182 Medical Office Procedures II 3 Crs.**

In Medical Office Procedures II, the student's vocabulary is increased and continued emphasis is placed on producing mailable copy using medical terminology. The medical correspondence students continue to concentrate on machine transcription of medical material while medical shorthand students continue to build skill in taking and transcribing medical dictation. There is continued emphasis on medical typing, medical office procedures, medical reference material, medical ethics, and career opportunities and qualifications. Prerequisite: SE 181.



## LEGAL ASSISTANT PROGRAM

The two year program leading to an Associate in Science degree has been granted final approval by the American Bar Association.

The four-semester sequence is structured to provide the legal training and general academic background necessary to function effectively as a legal assistant.

Entrance to the program is highly selective. The Admissions Committee seeks students who show evidence of high academic achievement.

This course of study may also be incorporated into a baccalaureate degree program leading to a Bachelor of Science degree in Business Administration with a concentration in Legal Administration.

### Associate in Science—Paralegal Program

#### First Semester

EN 011	Freshman Rhetoric: Shorter Forms	3
LW 101	Criminal Law and Torts	3
LW 121	Legal Research I	3
BU 103	Business: Its Nature and Environment	3
Liberal Arts Elective		3
		<u>15</u>

#### Second Semester

EN 012	Freshman Rhetoric: Longer Forms	3
LW 102	Contracts and Commercial Code	3
LW 122	Legal Research II	3
PS 121	Applied Psychology	3
Liberal Arts Elective		3
		<u>15</u>

#### Third Semester

LW 201	Business Organizations and Domestic Relations	3
LW 202	Property and Conveyancing	3
AC 103	Accounting for Managers I	3
CA 021	Effective Communication	3
Liberal Arts Elective		3
		<u>15</u>

#### Fourth Semester

LW 161	Legal Office Procedures, Insurance and Related Forms	3
LW 203	Estate, Probate and Taxation	3
AC 104	Accounting for Managers II	3
Liberal Arts Elective		3
Liberal Arts Elective		3
		<u>15</u>

A grade of "C" or better is required in all law courses, all other Business courses, and EN 011 and EN 012. An overall 2.0 grade point average is required.

### Program in Legal Administration

This baccalaureate degree program is designed to train students to become legal administrators competent to handle a wide range of specialized responsibilities in the legal profession. The curriculum reinforces the contemporary approach to the practice of law which assigns managerial functions to a new category of paraprofessionals. The following courses are required for majors in the legal administration program:

#### Required Courses

LW 101	Criminal Law and Torts	3
LW 121	Legal Research I	3
LW 102	Contracts & Uniform Commercial Code	3
LW 122	Legal Research II	3
LW 201	Bus. Organization & Domestic Relations	3
LW 161	Legal Office Procedures	3
LW 202	Property and Conveyancing	3

LW 203	Estates, Probate and Taxation	3
AC 103-104	Accounting for Managers I and II	6
EC 201-202	Principles of Economics I and II	6
BU 241	Business Statistics	3
BU 242	Analytical Techniques for Decision Making	3
BU 201	Organization Management	3
BU 202	Organization Behavior	3
LW 399	Independent Law Study or Optional Law courses	9
Total:		57 credit hours

BU 231 and BU 232—Business Law courses normally required for a degree in Business Administration are waived for students in the Legal Administration Program.

Optional Law courses are open to legal administration majors and to students with sophomore standing or better.

**LW 101 Criminal Law and Torts** 3 Crs.  
A survey of criminal law covering general principles, defenses, court procedures and jurisdiction; torts, the nature of tort, who may be liable, extent of liability and defenses.

**LW 102 Contracts and Uniform Commercial Code** 3 Crs.  
Definitions and classifications of contracts; capacity of parties; legal effect of offer, acceptance and consideration; Sales; Uniform Commercial Code definitions; consideration of problems affecting Article 2 of the Code. Negotiable Instruments; Uniform Commercial Code definitions; consideration of problems affecting Article 3 of the Code.

**LW 121 Legal Research I** 3 Crs.  
An introduction to the study of law, which acquaints the student with analysis and synthesis of cases and other legal materials, and in the methods of legal research. Each student is required to submit a written abstract and legal memoranda on problems involving questions of substantive law procedure and legal ethics.

**LW 122 Legal Research II** 3 Crs.  
Emphasis is on legal writing.

**LW 161 Legal Office Procedures, Insurance and Related Forms** 3 Crs.  
A study of the workflow in a law office. Responsibilities in handling written communications and maintaining files; preparation of court documents; law office accounting, billing, and forms. Understanding the basic concepts of insurance law. Discussion of legal ethics. An Internship may be taken as an alternative with special permission of the Director.

**LW 201 Business Organizations and Domestic Relations** 3 Crs.  
Business organizations: Formation, operation and dissolution of partnerships, corporations, and limited partnerships. Domestic Relations: Marriage and marital relations; separation agreements, custody, grounds for divorce and legal separation.

**LW 202 Property and Conveyance** 3 Crs.  
Personal and real property; nature of property; possession and its consequences; acquisition of property and transfer. Conveyancing: practical problems confronting conveyances from the drafting of purchase and sale agreement to the passing of papers; mechanics of the title examination; mortgages and foreclosure.

**LW 203 Estates, Probate and Taxation** 3 Crs.  
Estates and Probate; definitions; consideration of problems relative to the disposition of property; impact of federal income, gift and estate taxation.

**LW 235 Arrest, Search and Seizure, Confessions and Identifications** 3 Crs.  
This course, in essence, is a mini course in constitutional law presented from a standpoint of the prosecution. It deals with the laws of Arrest, Search, and Seizure, Confessions and Identifications and gives a historical as well as current background of the same. The course is offered primarily to police, law enforcement personnel and paralegals who are working in the criminal law area. The aim of the course is to give to those interested in law enforcement a better understanding of the law and the practical application of the same as it pertains to the daily problems that confront the police in their investigations.

**LW 237 Family Law** 3 Crs.  
This course will cover the legal entanglements in which people find themselves, and will consider the rights of middle and lower income groups. Topics will include support obligations; legal positions of married women; abuse of women and children; legal disability of minors; divorce, alimony, support and custody procedures; separation agreements; adoption.

**LW 238 Litigation and Civil Procedure** 3 Crs.  
Students will be introduced to the differences between civil and criminal litigation, courts and their jurisdiction, substantive law, investigation of facts, commencement of law suit and preparation of pleadings and motions, discovery, preservation of facts and preparation for trial, decisions and settlements, post-trial motions and appeals, techniques of legal research, and file maintenance and docket control. Prerequisite: Sophomore status.

**LW 239 Women and the Law** 3 Crs.  
The course will trace the development of sex discrimination as a legal and social phenomenon. The law will be covered in terms of its historical perspective, including the reforms of the late nineteenth century and the right to vote legislation of 1920. Particular emphasis will be placed on the developments of the 1960's and 1970's with respect to constitutional law, employment and employee benefits, education, criminal law, family law and reproductive freedom (contraception, abortion, and sterilization).

**LW 244 Administrative Law and Procedures** 3 Crs.  
A survey and study of the following concepts in administrative law: Judicial Review, Rules and Rule Making, Hearings Procedure, and Discretionary Justice and Informal Actions.



## DEPARTMENT OF CHEMISTRY

The Department of Chemistry provides a balanced curriculum which insures a thorough modern education in Chemistry. In addition to providing the student with the necessary preparation for graduate study in the various areas of Chemistry and/or for employment in the Chemical industries, the Chemistry major program, coupled with selected supporting courses, provides an excellent preparation for the study of Medicine, Dentistry and other health related professions.

To accomplish these objectives, the Chemistry Department offers three (3) options within the major:

- 1. The Chemistry—Physics—Math Program:** The traditional program designed for those students desiring a curriculum with strong supportive courses in Computer Science, Mathematics, and Physics. This program is recommended for graduate study in Chemistry and/or as a preparation for an industrial position.
- 2. The Concentration in Biochemistry:** This program is strongly recommended as preparation for future careers in Biochemistry, Clinical Chemistry, Pharmaceutical Chemistry and Environmental Chemistry. This program is strongly recommended as preparation for Medical, Dental and other Allied Health Professions. This program is also suitable to those desirous of further graduate study in Biochemistry and Pharmacology.
- 3. Chemistry—Education Program:** This program is designed for those students desirous of teaching on the secondary level.

In addition to providing courses for the major program, the Department also provides courses for the Biology majors, Nursing students and for non-science majors.

### The Chemistry—Physics—Math Program

#### Required Courses

##### Major Department Courses

CH 011-012	General Chemistry I, II
CH 111-112	General Chemistry I, II
CH 211	Analytical Chemistry I
CH 212	Instrumental Analysis
CH 237-238	Physical Chemistry I, II
CH 338	Advanced Inorganic

##### Required Supporting Courses

MT 010	Pre-Calculus (Waived on examination)
MT 015	Introduction to Calculus
MT 016	Mathematical Analysis I
MT 104	Mathematical Analysis II
PY 111-112	General Physics I, II

Additional Courses recommended: CH 115—Chemical application of Mathematics, Biology, Computer Science and a Foreign Language (German or French).

### Concentration in Biochemistry

#### The Departmental Courses Required for this Program:

##### Major Department Courses

CH 011-012	General Chemistry I, II
CH 111-112	Organic Chemistry I, II
CH 211	Analytical Chemistry I
CH 216-217	Biochemistry I, II
CH 236	Physical Chemistry for the Life Sciences

##### Required Supporting Courses

MT 010	Pre-Calculus (Waived on examination)
MT 015	Introduction to Calculus
MT 016	Mathematical Analysis I
PY 111-112	General Physics I, II
BI 111-112	General Biology I, II

At least two of the following: BI 311-312—Physiology, BI 220—Genetics, BI 230—Microbiology, BI 260—Marine Biology or BI 212—Animal Development.

Other Departmental Courses Strongly Recommended are:

CH 212 Instrumental Methods of Analysis, CH 115 Chemical Applications of Mathematics

*The Departmental Courses Required for Chemistry-Education Programs are the same as those required for the Basic Chemistry Program.*

**CH 005 Fundamentals of Chemistry 4 Crs.**

This course is devoted to the basic principles of chemistry. The topics examined are: physical properties of matter; the laws of chemical change; the kinetic molecular theory; molecular formulas and the atomic weight scale; the structure of the atom; principles of chemical bonding; chemical equilibrium; solution chemistry; introduction to Organic; and nuclear reactions and energy. Applications of the fundamental laws to the contemporary technological problems are integrated into the course content. Three lectures, one two (2) hour laboratory-discussion weekly. Lab fee \$15.00

**CH 007 Principles of Chemistry 4 Crs.**

This course is designed for students in the allied health sciences who require an introductory course which interrelates the elements of inorganic, organic and biochemistry. This course stresses the fundamentals of chemistry and integrates principles related to the health sciences where appropriate. The course content includes the following topics: unit of measure, structure and properties of matter, chemical bonding fundamental laws of chemistry, solution chemistry, elementary organic and biochemistry. Two—two (2) hour lectures and one (1) three hour laboratory/discussion period. Lab fee \$17.50

**CH 008 Introduction to Environmental Chemistry 3 Crs.**

This course has been designed so as to provide the student with a basic understanding of environmental problems and the chemical principles involved in these problems, and the methods used to alleviate them. Such topics as: Chemistry and Technology, Air Environment, Water Environment, Nuclear Power, Internal Environment—Drugs and Food, and other basic environment topics. It is recommended that a student should have satisfactorily completed a high school chemistry course or CH 005 before enrolling in this course.

**CH 009 Principles of Organic and Biochemistry 4 Crs.**

This is a one semester course in organic and biochemistry designed for students in the allied health sciences who require an introductory course in organic and biochemistry. Some specific topics covered in organic chemistry include: aliphatic hydrocarbons; aromatic hydrocarbons; alcohols; ethers; aldehydes and ketones; carboxylic acids; amines. Specific topics in biochemistry include: carbohydrates; lipids; proteins; nucleic acids; biochemistry of the cell; enzymes; carbohydrate, lipid and protein metabolism; and biochemistry of drugs. Three (3) lectures and one (1) three hour laboratory/discussion period. Lab fee \$20.00 Prerequisite: CH 005 or CH 007 or equivalent subject to the approval of the department.

**CH 011 General Inorganic Chemistry I 4 Crs.**

The systematic study of the fundamental laws and theories of chemistry: basic atomic theory and structure; chemical bonding; chemical equations and stoichiometry; chemical reactions in aqueous solutions; theory of gases; kinetic molecular theory; liquids and solids; properties of solutions; chemical thermodynamics; criteria for spontaneity of a reaction. Laboratory experiments illustrative of these basic concepts. Three lectures, one three-hour laboratory period. Lab fee: \$30.00

**CH 012 General Inorganic Chemistry II 4 Crs.**

A continuation of General Inorganic Chemistry I (CH 011) Chemical Kinetics; chemical equilibrium; acids and bases; ionic equilibria; electrochemistry; metals, non-metals and metalloids; transition metals; introduction to organic chemistry; nuclear chemistry. Laboratory experiments illustrative of these basic concepts and including quantitative experiments illustrative of volumetric and gravimetric methods of analysis. Three lectures, one three-hour laboratory period. Prerequisite: CH 011. Lab fee \$30.00

**CH 101 Introduction to Organic Chemistry 4 Crs.**

This one semester course stresses a mechanistic interpretation of organic reactions. Areas of study include: hydrocarbons, aromatics, carbonyl compounds, sugars, stereochemistry, carboxylic acids and derivatives and peptides. Suggested for medical technology and other qualified students. Three lectures, and one three-hour laboratory. Prerequisite: CH 012. Lab Fee \$30.00

**CH 111 Organic Chemistry I 4 Crs.**

The topics covered include: alkanes, alkenes, alkynes, dienes, alicyclic hydrocarbons, stereochemistry, optical activity, aromaticity, electrophilic aromatic substitution reactions, arenes, alkyl halides, nucleophilic aliphatic substitution reactions, elimination reactions and spectroscopy especially IR, NMR MS and UV spectroscopy in relation to structure determination. The laboratory emphasizes the basic techniques of synthesising organic compounds in the laboratory. Three lectures, and one three-hour laboratory. Prerequisite: CH 012. Lab fee \$30.00

**CH 112 Organic Chemistry II 4 Crs.**

This is an extension of CH 111; topics covered will include: alcohols, ethers, epoxides, carboxylic acids and its functional derivatives, aldehydes, ketones, amines, phenols, carbanion reactions, L.B. unsaturated compounds, polynuclear aromatic compounds and heterocyclic compounds. The laboratory part is essentially organic qualitative analysis. Classical methods of determining functional groups will be blended with the use of NMR, IR and other pertinent spectroscopic data. Three lectures, one three-hour laboratory. Prerequisite: CH 111. Lab fee \$30.00

**CH 115 Chemical Applications of Mathematics 2 Crs.**

The course addresses itself to those areas of mathematics that are used extensively in physical chemistry. Topics covered include mathematical methods in chemistry laboratory, differential and integral calculus, differential equations, orthogonal curvilinear coordinates, infinite series, matrices and determinants, operators. One two-hour lecture.

**CH 211 Analytical Chemistry I 5 Crs.**

This course is designed to give the student a working knowledge of the analytical methods and techniques used in chemistry. The lectures stress: 1) the chemical principles fundamental to the quantitative analysis; 2) the theory of physical and physico-chemical methods of analysis. The laboratory exercises encompass a variety of volumetric and gravimetric methods of analysis and an introduction to some basic instrumental methods of analysis. Three lectures, two (2) three-hour laboratory. Prerequisite: CH 011-012, CH 111. Lab fee \$30.00



**CH 212 Instrumental Analysis 4 Crs.**

This course in instrumental methods of analysis treats the theory and practice of the application of instrumental methods of quantitative analysis. The methods studied will include spectrophotometry, chromatography, polarography and other electro-analytical techniques. Three lectures, one three-hour laboratory period. Prerequisite: CH 211. Lab fee \$30.00

**CH 216 Biochemistry 4 Crs.**

Topics discussed will include buffers, carbohydrates, the properties and synthesis of amino acids, peptide synthesis and analysis, separation of amino acids and peptide mixtures, organic chemistry of rudimentary models of enzymatic processes, and the mechanisms of chemical transformations of biologically important compounds. Three lectures, one three-hour laboratory period. Prerequisite: CH 112. Lab fee \$30.00

**CH 217 Clinical Biochemistry 4 Crs.**

A one semester course emphasizing the basic chemistry and analytical methods for carbohydrates, lipids, proteins, enzymes, electrolytes, hormones; their correlation with biochemical and physiological processes. Laboratory determinations utilize chromatography, spectrophotometry and other suitable methods. Three (3) lectures, one (1) three hour laboratory. Lab fee \$30.00. Prerequisite: CH 211-212, CH 216.

**CH 220 Seminar in Chemical Literature 2 Crs.**

The purpose of this course is twofold: (a) to learn the nature of the chemical literature and how to use it, and (b) to learn how to prepare and present a chemical seminar. Students are required to conduct a specific number of literature searches and seminars as partial fulfillment of the requirements of this course.

**CH 236 Elements of Physical Chemistry 3 Crs.**

This course is intended for students who are considering a career in Biology and for students who are preparing for secondary school science teaching. The course content consists of such topics as the gas laws, the laws of thermodynamics, free energy concept, chemical equilibrium, in heterogeneous and homogeneous systems, solutions of electrolytes, electrochemical cells, kinetics, macromolecular solutions and colloidal dispersions; principles of nuclear chemistry and some biological applications. Prerequisite: CH 112.

**CH 237 Physical Chemistry I 4 Crs.**

This course is intended for chemistry majors. Topics include: Thermodynamics, Statistical Thermodynamics, Kinetic Theory of Gases, Changes of State, Solutions and Chemical Affinity. Laboratory applies these fundamental concepts to real chemical systems. Three lectures, one three hour laboratory. Prerequisites: CH 011-012, MT 016, PY 111-112. Lab fee \$30.00

**CH 238 Physical Chemistry II 4 Crs.**

A continuation of CH 237. Topics include: Chemical Reaction Rates, Electrochemistry and Quantum Mechanics. Laboratory applies these theoretical concepts to real chemical systems. Three lectures, one three hour laboratory. Prerequisite: CH 237. Lab fee \$30.00.

**CH 248 Introduction to Polymer Chemistry 3 Crs.**

This descriptive course considers polymer chemistry as a branch of organic chemistry and is intended to acquaint students generally with the preparation, properties and utility of polymers. Topics to be discussed include the chemistry of condensation and addition polymerization reactions, copolymerization, the characteristics of macromolecules, and selected synthetic, natural and special or "exotic" polymers. One three-hour lecture once a week. Prerequisites: CH 111-112.

**CH 338 Advanced Inorganic Chemistry 3 Crs.**

The physical and chemical properties of the elements and their compounds will be correlated with their positions in the periodic table. Bonding theory and coordination chemistry will be emphasized. Prerequisites: CH 011-012 and permission of instructor.

**CH 339 Independent Research in Chemistry****1-6 Crs.**

By invitation of the department; hours and credit by special arrangement.

**PY 111 College Physics I****4 Crs.**

Topics covered include: vectors, forces, uniformly-accelerated motion, linear and angular motion, work and energy, momentum, rotation, mechanical and thermal properties of matter, the gas laws, temperature, and heat transfer. The course consists of three-hour lecture and two-hour laboratory per week. Prerequisite: MT 002 or equivalent. Lab fee \$25.00

**PY 112 College Physics II****4 Crs.**

Topics covered include: Vibrations and wave motion; sound, electricity and magnetism, the reflection, refraction, interference, and diffraction of light; lenses and mirrors; and optical devices. The course consists of three-hour lecture, and two-hour laboratory per week. Prerequisites: Normally PY 111, but can be taken with permission of the Department. Lab fee \$25.00

## DEPARTMENT OF EDUCATION

The Department of Education offers certification programs in Elementary Education (Nursery School to Eighth Grade) and Secondary School (Seventh Grade to Twelfth Grade). Students can opt for special concentrations as elementary or high school teachers. These include Early Childhood Education, Bilingual Education, and Teaching English to Speakers of Other Languages (E.S.L.).

Students entering the Department of Education must choose a major in addition to the training leading to certification. Students in the secondary school sequence may major and become certified as teachers in the following: biology, business, chemistry, English, general science, history, social studies, mathematics, and Spanish. Students in the elementary school sequence may opt for any major available at the University, but they are advised to consult with the Department Chairperson.

The teacher-preparation program makes provision for observation and experience in the schools so that the principles the students learn in the classroom may be closely related to practice. The schedule is arranged to provide for laboratory experience as soon as the student enters the program; this field experience culminates with student teaching.

### BASIC CERTIFICATION SEQUENCE—ELEMENTARY

ED 101 (3)	ED 221 (6)	ED (EN) 387 (3)
ED 152 (3)	ED 222 (6)	ED 391 (9)
ED 202 (3)	ED 245 or 247 (3)	

### BASIC CERTIFICATION SEQUENCE—SECONDARY

ED 101 (3)	ED 260 (3)	ED 395 (9)
ED 152 (3)	ED 261-7 (6)	
ED 203 (3)	Ed 342 (3)	

For information concerning additional requirements in specific areas, students are asked to consult the chairperson of the Department.

NOTE: Course offerings not listed in this catalog are offered from time to time in specific concentrations. Students are asked to obtain special catalogs in Early Childhood and Bilingual/E.S.L. from the Department Chairperson.

#### ED 101 Educational Psychology

3 Crs.

Both Semesters

An introductory course that considers the application of psychological principles to educational theory and practice. It includes a systematic study of the process of learning, transfer of knowledge, individual differences, motivation, measurement and evaluation, insofar as these factors influence the teaching process.

#### ED 152 Education in the United States

3 Crs.

Both Semesters

An introduction to the historical, philosophical, and sociological foundations underlying the development and organization of education in the United States.

#### ED 181 Principles and Foundations of Bilingual-Bicultural Education

3 Crs.

Fall Semester

History and philosophy of Bilingual-Bicultural Education in the U.S.A. up to the present. Its nature and objectives. Legal and constitutional aspects. Analysis of the various dimensions of B.B.E. such as enrichment program; a restorative program; a compensatory program. Study of current research on B.B.E. and a review of its effectiveness in the school system.

#### ED 202 Developmental Psychology for Teachers

3 Crs.

Spring Semester

A study of developmental changes in the total life span of the normal person, and the application of this knowledge to the teaching process.

#### ED 203 Personal Effectiveness Training

3 Crs.

Fall Semester

This course deals with various models of interpersonal relations as they affect the success of helper-helper relationships. Self-awareness, verbal and non-verbal communication and other interactive techniques are explored to promote positive results with young people.

#### ED 221 Methods of Teaching Reading and Language Arts

6 Crs.

Spring Semester

A study of methodology in the areas of reading instruction and language arts. Field experience is an integral part of this course.



**ED 222 Methods of Teaching Mathematics, Science and Social Studies in the Elementary School** 6 Crs.

Fall Semester  
Includes the techniques of teaching mathematics, science and social studies. Field experience is an integral part of this course.

**ED 224 Workshop in Creative Art in Early Childhood** 3 Crs.  
Spring Semester

This is a "hands-on" workshop focusing on the development of an experience-centered art program for children in pre-school and early elementary programs. Other art forms, such as music and theater, will be included by a team of instructors. Emphasis is placed on the appropriateness of teaching techniques, and their relationship to the stages of development of children from birth to six. Prerequisite: ED 101 and ED 152.

**ED 246 Methods of Teaching Art in the Elementary School** 3 Crs.  
Fall Semester

A course that gives experience in artistic expression in basic art media in the elementary schools, and the techniques of teaching art.

**ED 247 Methods of Teaching Music in the Elementary School** 3 Crs.  
Spring Semester

A course designed to provide the classroom teacher with the knowledge and basic skills for teaching music in the elementary schools.

**ED 255 Methods, Materials, and Strategies in Teaching English as a Second Language** 3 Crs.  
Fall Semester

This is a practical workshop for the teaching of English to those having another language dominance. Students will become acquainted with a wealth of resource materials and be assisted in creating their own methods, materials and strategies.

**ED 260 Teaching Remedial Writing** 3 Crs.  
Spring Semester

Diagnostic and remedial strategies for written communication. Special focus is placed on remediation of the student's own writing skills.

**ED 261 General Methods of Teaching in the Secondary School** 6 Crs.  
Spring Semester

A comprehensive study of the principles, methods, and materials for teaching in the junior and senior high schools. Field experience is required.

**Special Methods of Teaching Secondary School Subjects**

Methods of teaching specific subjects are offered in the following areas:

**ED 262 Methods of Teaching English in the Secondary School**

**ED 263 Methods of Teaching History and Social Studies in the Secondary School**

**ED 264 Methods of Teaching Spanish in the Secondary School**

**ED 265 Methods of Teaching Business in the Secondary School**

**ED 266 Methods of Teaching Mathematics in the Secondary School**

**ED 267 Methods of Teaching Science in the Secondary School**

**ED 341 Reading Problems of School Children** 3 Crs.  
Spring Semester

An analysis of diagnostic corrective techniques in reading instruction of elementary school children, including in-school application of such procedures.

**ED 342 Teaching Reading in the Secondary School** 3 Crs.  
Both Semesters

A study of diagnostic techniques for teaching reading to secondary school students.

**ED 380 Teacher Effectiveness in the Multicultural Classroom** 3 Crs.  
Spring Semester

An experimental workshop in which teachers explore their attitudes toward ethnic groups, and practice strategies for curriculum development and effective teacher-student interaction in the multicultural classroom.

**ED 391 Student Teaching in the Elementary School** 9 Crs.  
Both Semesters

This experience includes observation, seminars, and a full-time student teaching assignment for one semester. Fee: \$100.

**ED 395 Student Teaching in the Secondary School** 9 Crs.  
Both Semesters

This experience includes observation, seminars, and a full-time student teaching assignment in the student's major field of concentration for one semester. Fee: \$100.

**ED 399 Independent Study (Credit to be arranged)**  
Directed individual study of an approved specific problem or special topic not covered by or that goes beyond the scope of regular course offering.

## DEPARTMENT OF ENGLISH

The study of literature concerns itself with writers' attempts to define through work and image their personal lives and the world they inhabit. Literary works are expressions of artistic ingenuity, statements on the human condition and reflections of the cultural conditions under which they are produced.

In the literature program, you will explore literature from the ancient to the modern and at the same time will strengthen your communications skills. A wide variety of writing, speech and drama courses will help you develop your personal style of expression.

With the assistance of a major advisor, you will work out a program of studies that reflects your interests. Specific course sequences will prepare you for graduate school, for the professions (teaching, law, medicine), for business and industry (advertising, company writing, editing, personnel relations, press relations, sales), and in conjunction with the Media Studies department, for the arts (acting, radio-TV, journalism and cinema).

In addition, the Department of English has two new tracks leading to majors or minors in English. Along with the traditional literature major, the department now offers an English major with a concentration in Writing and another English major with a concentration in Drama. Students majoring in other departments can minor in any of the three concentrations: Literature, Writing, or Drama.

Each of the three English major concentrations is organized around a common core which consists of one course from each of the first five areas plus EN 265, and MS 101.

- AREA 1: EN 310 British Literature to 1603  
EN 312 Seventeenth Century British Literature
- AREA 2: EN 313 Restoration and Eighteenth Century British Literature  
EN 314 The Romantic Period in British Literature
- AREA 3: EN 315 The Victorian Period in British Literature  
EN 316 Twentieth Century British Literature
- AREA 4: EN 250 Literature in a New Land: Early American Literature  
EN 255 Early American Black Literature  
EN 256 The Flowering of New England
- AREA 5: EN 257 From Dickinson to Eliot: Out of the Woods and into the Wasteland  
EN 258 From Faulkner to the Present  
EN 386 Black Writers in America
- AREA 6: EN 384, 385 Studies in Black Literature: Special Topics  
EN 387, 388 Studies in Children's Literature: Special Topics  
EN 230-239 Studies in Drama: Special Topics  
EN 340-349 Studies in Fiction: Special Topics  
EN 320-329 Studies in Poetry: Special Topics  
EN 206, 207 Studies in Language: Special Topics  
EN 390 Studies in Literary Criticism: Special Topics  
EN 170-179 Studies in Writing: Special Topics  
270-279  
370-379  
EN 282, 283 Studies in World Literature: Special Topics  
EN 398 Independent Study  
EN 391 Departmental Seminar

In addition to the common core, the concentrations must complete the following:

- Literature Concentration: Five (5) EN Electives
- Writing Concentration: EN 375; Four (4) Studies in Writing Courses
- Drama Concentration: CA 161; CA 273 or 275; Three (3) additional courses from the following: CA 151, 171, 271, 273, 274, 275, 375, 280, EN 230-239



The Elementary English Education major is recommended to take Advanced Composition (EN 375) and Children's Literature (ED 387) to ensure adequate teacher preparation. The Secondary English Education major must take Introduction to English Language Study (EN 207), Methods of Teaching English on the Secondary Level (ED 262), Reading Problems of School Children (ED 341), Advanced Composition (EN 375) and Young Adult Literature (EN 388) to meet state certification requirements.

Students concentrating in Literature are urged to elect advanced studies in related disciplines such as Fine Arts, Media Studies, History, Psychology, Philosophy and Religious Studies. Two points should be kept in mind when selecting electives from other disciplines: (a) such courses should help develop a well-rounded, liberally educated person, and (b) such courses should coincide with the student's career objectives.

### **EN 005, 006 Freshman Rhetoric:**

#### **College English for**

#### **Foreign Speakers**

**6 Crs.**

Designed to aid the non-native speaker in augmenting fluency in oral and written English. Needs will be assessed, and each student will receive instruction based on his particular needs.

### **EN 009 Reading Improvement and Study Skills**

**3 Crs.**

A college skills course focused on developing more efficient study and reading techniques. Study skills will include previewing through reviewing of courses, texts, and tests. Improved reading comprehension, speed, and vocabulary will be emphasized within a reading laboratory setting.

### **EN 010 Basic Studies: Reading and Writing Skills**

**6 Crs.**

Within a workshop atmosphere, students receive intensive instruction in basic skills. The course provides practice in strengthening the student's reading, writing, and study skills which will be needed for all college level work.

### **EN 011 Freshman Rhetoric:**

#### **Shorter Forms**

**3 Crs.**

A systematic and practical introduction to the techniques of effective writing. The course stresses the rudiments of traditional rhetoric, and provides supervised practice in writing of essays.

### **EN 012 Freshman Rhetoric:**

#### **Longer Forms**

**3 Crs.**

A continuation of English 011. This course deals especially with the writing of argumentative-expository essays and the application of advanced rhetorical principles. Training in basic research methods is stressed.

### **EN 091 English Honors Seminar—**

#### **The Narrative Idiom**

**3 Crs.**

This freshman honors English seminar studies dramatic and fictional narratives. Emphasis is placed on expository writing, and the discussion and synthesis of themes and concerns fundamental to the readings. By permission of the department only.

### **EN 092 English Honors Seminar—**

#### **The Lyric Idiom**

**3 Crs.**

This freshman honors English seminar provides qualified students with an in-depth study of poetry. Emphasis is placed on expository writing and the discussion and synthesis of themes and concerns fundamental to the readings. By permission of the department only.

### **EN 102 The Experience of Literature**

**3 Crs.**

This course, designed for the freshman as a general elective, has special topics which vary each time it is offered.

### **EN 201 Masterpieces in Literature**

**3 Crs.**

A course designed for general electives at the Sophomore level. Description varies each time it is offered.

### **EN 206 Studies in Language:**

#### **Special Topics**

**3 Crs.**

Topics vary each time the course is offered. Examples: language and human behaviour, language and culture, language and politics, non-verbal communication, language and sex, language pollution, euphemism, contemporary language, verbal obscenity, language and advertising, language and prejudice, language and the media, metaphors and thought, psychology and language.

### **EN 207 Studies in Language:**

#### **Introduction to**

#### **English Language Study**

**3 Crs.**

A survey of the major changes in structure, vocabulary, and uses of the language from the earliest times to the present. This course will also present the more important findings of modern linguistic scholarship. Required for secondary education.

### **EN 230-239 Studies in Drama:**

#### **Special Topics**

**3 Crs.**

The focus and content of the course vary each semester but a given semester may involve itself with a study of: American drama; Modern drama (1850-present); Theater of the Absurd; Classical Greek drama; Comedy; Tragedy; Elizabethan/Jacobean drama; period courses; a specific dramatist or theme. The course studies plays as literature, but specifically as literature meant for stage production. Prerequisite: EN 012.

### **EN 250 Literature in a New Land:**

#### **Early American Writing**

**3 Crs.**

From Plymouth Rock and Salem Streets to Catskill Mountains, American creativity burgeoned as it was released from narrow religious bonds. A study of the Witch Trials gives insight into early New England culture which often nursed superstition while denying creative output. A study of the native American Indian literature reveals another important aspect of our literary tradition.

### **EN 255 Early American Black Literature**

**3 Crs.**

A consideration of Afro-American literature from 1790 to 1900, including the slave narratives, the mockingbird school, and folk poetry.

**EN 256 The Flowering of New England 3 Crs.**

The darkness and mystery of both human motivation and nature itself occupied American writers of the nineteenth century. Primitive beginnings in a sometimes savage new land finally produced literature of profound psychological depth which strangely pre-figures much of the post-Freudian, post-Nietzschean literature of this century. Emphasis on Poe, Hawthorne, and Melville.

**EN 257 From Dickinson to Eliot: Out of the Woods and into the Wasteland 3 Crs.**

A study of writers from Dickinson to Eliot reveals much about the emergence of characteristically American styles and concerns and defines the problems caused by the exhaustion of our frontier and the emergence of the modern world, a world which, magnified by the first global war, produced the writers of the wasteland, the "lost generation."

**EN 258 From Faulkner to the Present 3 Crs.**

Modern American literature in content and technique reflects twentieth century preoccupation with the loss of faith in an omniscient creator and the rise of individual consciousness, each a creator and center of a world isolated from all other worlds. Current developments in American literature indicate that authors have begun to devise myriad, often amusing, ways to overcome the dilemma of radical alienation.

**EN 265 Shakespeare 3 Crs.**

The course explores a wide variety of Shakespeare's plays from a basically literary perspective, emphasizing the developing of Shakespeare as a dramatist as well as relating the plays to their historical and cultural context in Elizabethan England. Prerequisite: EN 012.

**EN 282, 283 Studies in World Literature: Special Topics 3 Crs.**

Course description varies each time the course is offered.

**EN 310 British Literature to 1603 3 Crs.**

An historical and chronological study of major works of British poetry and prose, beginning with Old English and *Beowulf*, through the literature of the Middle Ages with special emphasis on Chaucer, and on to the Elizabethan poets, such as Wyatt, Surrey, Sidney, Raleigh, and the poetry of Shakespeare. Some drama, exclusive of Shakespeare, will be included.

**EN 312 Seventeenth Century British Literature 3 Crs.**

As Douglas Bush notes, at the beginning of this time period we find English writers with one foot in the medieval world, but by the end we see that they have one foot set in the modern world. The major concentration in this course will be on the works of Jonson, Donne, Herbert, Marvell, some of the lesser Metaphysical and Cavalier poets, and, of course, Milton. Prose writings of Browne, Burton, and Bunyan will also be dealt with.

**EN 313 Restoration and 18th Century Literature 3 Crs.**

The shock of the English Civil War reverberates through this period, and we can see that much of the literature of this time reflects the desire to hold society together by manners, the power of reason, and balance. But this was also an age of great satire and the stirrings of what comes to be known as "Romanticism." The major concentration will be on the works of Dryden, Pope, Swift, and Johnson, but there will also be coverage of the Restoration dramatists (Congreve, Etherege, Wycherley) and the early novelists (Defoe, Richardson, Fielding).

**EN 314 The Romantic Period in British Literature 3 Crs.**

Romanticism is a notoriously slippery word to define, but by studying the works of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats we may not only get closer to what this word means (if it means anything at all!) but also note how intimately the concerns of these poets are our own. And this age does not only belong to these figures: studying the early works of Austen, Scott, and Carlyle reminds us how often Romanticism and the reaction against Romanticism go hand in hand.

**EN 315 The Victorian Period in British Literature 3 Crs.**

A study of a period of such variety that it ranges from George Eliot to Lewis Carroll, from John Henry Cardinal Newman to Oscar Wilde. Exploration of the variety of literature represented by Tennyson, Browning, Arnold, Dickens, Eliot, Newman, Ruskin, Pater, Swinburne and others, with concentration on the root issues of modernism developing behind the facade of Victorian "respectability" and "progress."

**EN 316 Twentieth Century British Literature 3 Crs.**

A period in which the artist, a product of middle class society, was often at war with that society, as in form and substance he explored ways of creating a self that transcended the traditional definitions that society imposes. Hardy, Hopkins, Shaw, Conrad, Woolf, Yeats, Wharton, Joyce, Lawrence, Eliot, Beckett and others with emphasis placed on the "classical" texts of modern literature.

**EN 320-329 Studies in Poetry: Special Topics 3 Crs.**

Course description varies each time the course is offered.

**EN 340-349 Studies in Fiction: Special Topics 3 Crs.**

Course description varies each time the course is offered.

**EN 375 Advanced Composition 3 Crs.**

An advanced expository writing workshop. The course stresses the discipline of researching, writing, editing, revision, and meeting specific deadlines. The procedures of the class include an involvement in class discussions on strategies of writing, participation in a one day a week writing workshop, and completion of all the assigned writing tasks.



**EN 170-179 Studies in Writing:  
Special Topics****3 Crs.****270-279  
370-379**

A series of courses designed to meet the multitude of writing needs demonstrated by students in a variety of majors. Courses include writing of poetry, short story, fiction, non-fiction, free-lance writing, corporate writing, journalism, etc.

**EN 384, 385 Studies in Black  
Literature: Special Topics****3 Crs.**

A detailed study of such black authors as Hughes, Wright, Ellison, Brooks, Baldwin and Baraka and others with attention to selected themes in four genres.

**EN 386 Black Writers in America****3 Crs.**

A consideration of black writers from Dunbar and Chesnut to the present. Study of Harlem Renaissance writers, Wright, Ellison, Hayden, Brooks, Tolson, Baldwin, Baraka and the Black Arts Movement. Some attention will be paid to the relation of the works to traditional images of blacks in America and to themes found in American literature as a whole.

**EN 387 Children's Literature****3 Crs.**

A survey of children's literature, including an introduction to the mythology and folklore of the world. Consideration will be given to techniques of motivating children to enjoy stories. Enrollment limited to students preparing to be elementary teachers.

**EN 388 Young Adult Literature****3 Crs.**

A survey of adolescent and young adult literature, including an introduction to the mythology and folklore of the world. Consideration will be given to the techniques of teaching literature to young people. Enrollment limited to students preparing to be middle and senior high school teachers.

**EN 390 Studies in Literary  
Criticism: Special Topics****3 Crs.**

Course description varies.

**EN 391 Departmental Seminar****3 Crs.**

Advanced literary studies on a particular subject to be announced by bulletin prior to registration for the semester in which it is offered. Typical subject offered: "Satire," "Dickens," "Contemporary Literature," etc.

**EN 398 Independent Study****1-3 Crs.**

Work on a special topic to be arranged with an instructor who will direct this work. Permission of the Department Chairman will be granted qualified English majors on the basis of a written prospectus. By special arrangement.

**EN 399 Honors Seminar****3 Crs.**

Open to qualified seniors by invitation of the department of English. The aim of the course is to enable students to synthesize their understanding of English and American Literature through the study of selected problems in literature and literary criticism.

**PROGRAM IN COMMUNICATION ARTS**

Communication Arts courses may be taken as general electives leading to the completion of 120 credits for graduation. They may also be used as credit toward the English major with a concentration in Drama. They do not, however, count towards the English major with Literature or Writing concentrations.

The Drama concentration provides a suitable minor to complement Education, Psychology, Media Studies, and other majors.

The program emphasizes the basic concern of speech as a means of interpersonal communication, offers upper-division courses in drama as literature, and allows the student to explore such areas as scripting, acting, set design, directing and costuming.

**CA 021 Effective Communication****3 Crs.**

An exploration and analysis of total communication process (source, message, channel, receiver), through instruction and practice in individual self-expression as well as interpersonal activity sessions.

**CA 121 Advanced Effective  
Communication****3 Crs.**

This course is designed for the student who wishes to expand and refine the composition and presentation skills mastered in CA 021. It affords the student opportunities for guided experimentation in those speech situations pertinent to his needs (i.e. business, education, law, politics, etc.) Prerequisite: CA 021.

**CA 131 Interpersonal Communication****3 Crs.**

The goal of this course is to improve the student's ability to communicate. Recent research to be covered deals with communication models, transactional analysis, communication games, breakdowns and barriers, nonverbal communication, group communication, audience analysis, persuasion, and effective business communication.

**CA 151 Story Theatre****3 Crs.**

This course focuses on the art of storytelling, where acting began. Through the playing of theatre games, the participants develop such basic performance skills as concentration, relaxation, and spontaneity. These skills are then applied to both scripted and non-scripted material; short stories, fairy tales, myths, poetry, and material created by the participants themselves through improvisation. Music, dance, and mime will be included in performance whenever possible. Prerequisite: CA 021 or permission of instructor.

**CA 161 Introduction To Theatre History****3 Crs.**

A survey of theatrical and dramatic history from the Greeks to the present. The course will examine the evolution of the various elements of play production: theatre architecture and the stage; costumes, scenery, and lighting; acting and directing; music and dance; theatre management; and the audience. Prerequisite: CA 021 or permission of instructor; EN 021.

**CA 171 Acting I****3 Crs.**

An exploration of the actor's "instrument"; body, voice, thoughts, and feelings. Basic physical and vocal work including exercises in relaxation, flexibility, concentration, alignment, centering, breathing and sound. Theatre games designed to free the actor's imagination and to develop his improvisatory skills. Prerequisite: CA 021 or permission of instructor.

**CA 181 Fundamentals of Dance****1 Cr.**

A dance class concentrating on several areas of movement, including tap and jazz, modern dance and improvisational theater movement. The course will focus on "the dance" as a means of both personal and theatrical expression and fulfillment. Some aspects of choreography will also be included. No prerequisites.

**CA 261 Public Speaking****3 Crs.**

A course in the organization and delivery of the extemporaneous speech to inform and persuade, stressing selection, analysis, organization, evaluation, and communication for constructive influence in speech situations. (Performance Course.)

**CA 270 Nonverbal Communication****3 Crs.**

This course seeks to familiarize students with the means by which we consciously and unconsciously communicate without words. Relevant research covered in this course includes: proxemics, gestures, expressions, object language, touch, signs and other aspects of nonverbal communication.

**CA 271 Acting II****3 Crs.**

A continuation of the work begun in CA 171, and its application to the process of scene study and the building of characters. Attention given to script analysis, rehearsal techniques, and selected special problems such as Shakespeare, acting styles, and auditioning. Prerequisite: CA 171 or permission of instructor.

**CA 273-274 Drama Workshop****3-3 Crs.**

The Drama Workshop produces three to five presentations on campus per year. The productions are wide-ranging in period, style, and genre.

**CA 275-375 Drama Practicum****3-3 Crs.**

The Drama Practicum offers students on-location experience at a professional theater. Advanced students may serve as understudies for professional actors.

**CA 280 Oral Interpretation of Literature****3 Crs.**

An introduction to the study of literature from the viewpoint of the oral reader. Theories of criticism and aesthetics as well as study of voice and communication are fused into the re-creative art of oral interpretation.

## DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

The study of History aims to deepen the student's knowledge of the spiritual and social inheritance received from the fusion of many cultures that comprise civilization. To accomplish this, the Department offers a broad understanding of the record of such past events as are definite in time and space, social in nature, and socially significant.

The presentation is made in the fashion best designed to stimulate the inquiring mind and cultivate the critical insight of the student. Thus it aims to provide the student with a comprehension of the permanent values and lasting ideas which have survived the acid tests of ages. Further, it widens cultural horizons by giving an appreciation of cultural patterns once as vital as our own. The Department is convinced that only against such a background may the student begin to appreciate and understand the contemporary world.

Finally, the Department would strongly enjoin the student to consider and act on the words of Dante: "The man who has benefited from the common heritage but does not contribute to the common good can have no doubt that he is failing sadly in his duty." Major 30 hours. All History majors are required to take the following courses:

**Required Courses**

HI 001 and 002	Western Civilization
HI 121 and 122	U.S. Survey
HI 201	Historical Methods and Criticism

A minor in History consists of at least 18 hours. Requirements are:

HI 001 and 002	Western Civilization
HI 121 and 122	U.S. Survey

And two electives



**HI 001 Western Civilization to 1715 3 Crs.**

A basic survey which seeks to explain the religious, intellectual, social, and economic evolution of Western civilization.

**HI 002 Western Civilization Since 1715 3 Crs.**

Continuation of HI 001. The course presents the major historical trends in the eighteenth, nineteenth, and twentieth centuries.

**HI 122 United States History from 1865 3 Crs.**

An analysis of the period of Reconstruction industrial expansion, transportation, agriculture, labor and finance. Place of the United States among nations, World War I, Depression, New Deal, World War II and post war to the present.

**HI 128 The History of American Business Enterprise 3 Crs.**

An examination of the growth and development of business enterprise in America from early colonial times to the present. Topics receiving special consideration include the role of the entrepreneur; the evolution of business specialization; the rise of the corporate form and of "big" business; notable innovations in management and marketing; and the interplay of business enterprise and other aspects of American society.

This course should be especially useful to business majors and to all students interested in a fascinating and vital aspect of the American experience.

**HI 201 Historical Method and Criticism 3 Crs.**

An introduction to the problems of understanding and explanation in history, and to the history of historical writing; aids to research; techniques and methods employed by historians; and experience in textual criticism.

**HI 206 Imperial Spain and Spanish America 3 Crs.**

A view of the developments in continental Spain and colonial Spanish America from the late fifteenth to the eighteenth centuries. It deals with the growth of Spain as the leading European power in the sixteenth century and continues with the extension of Spanish power and traditions to the New World.

**HI 207 France Since the Revolution 3 Crs.**

An explanation of the enlightened philosophy of the Revolution and its effect on the peoples of France. The rise and decline of the Napoleonic Empire. A study of the various republics down through de Gaulle.

**HI 213 Europe Since 1815 3 Crs.**

A study of the Continent of Europe in the world community during and after the two world wars.

**HI 214 French Revolution and Napoleon 3 Crs.**

A course designed to trace the path of the French Revolution from its origins through each of its political phases from 1789 to 1799. It culminates with the rise of Napoleon Bonaparte, his achievements and failures and the end of the Empire in 1815.

**HI 216 Princes to Peasants 3 Crs.**

An in-depth approach to the changes within European society from the sixteenth to the end of the nineteenth centuries. Its main focus are the values and lifestyles of the various European classes such as nobility, bourgeoisie, working class and peasantry.

**HI 217 Twentieth Century Europe 3 Crs.**

This course treats the tensions and changes within Europe from the beginning of the twentieth century to the present day. Its subjects include the challenges of two major World Wars, the struggle for democracy between 1919 and 1939 and the rise of new political ideologies.

**HI 222 Civil War and Reconstruction 3 Crs.**

Remote and immediate causes of the Civil War; problems of North and South during the War; consequences of the War; efforts to create a new union, and new problems created by those efforts.

**HI 224 Southern United States History 3 Crs.**

A survey of the economic, social and political history of the South with emphasis upon the rise of the plantation system, the institution of slavery, emergence of Southern nationalism and the causes of the Civil War. Also, an intensive study of the changes which have occurred since Reconstruction, including the Populist revolt, industrialization, urbanization, and the racial revolution.

**HI 225 Afro-American History 3 Crs.**

A study of the African heritage of Afro-Americans, the forced migration of African multitudes to America, the condition and nature of their servitude, the development of abolitionism culminating in emancipation, the twilight zone of freedom, the growth of civil rights and Black Power movements and an analysis of the psychic and cultural implications of racism.

**HI 228 The Immigrant Experience 3 Crs.**

A comparative, historical study of American immigration, focusing on the motives for immigration, patterns of settlement, adjustment, and subsequent generational experience of successive immigrant groups.

**HI 231 Russia and the USSR 3 Crs.**

A study of the political, social, economic and cultural development in Russia with emphasis on the Revolution and those events and doctrines which have shaped the Soviet Union.

**HI 232 Lithuanian History and Culture I\* 3 Crs.****HI 233 Modern Lithuanian History and Culture 3 Crs.**

Deals with the reawakening of national consciousness and the establishment of a modern republic in 1918, the structure and destiny of that republic and current trends of sovietization, russification, and dissident activity. Lithuanian artists from current Lithuania and in exile as well as their specific works will be studied. Particular attention will be given to artists whose works have served to define or display the modern culture as developed from an ancient tradition of folk art and belief.

**HI 234 Polish History and Culture I\*****3 Crs.****HI 235 Modern Polish History and Culture\*****3 Crs.****HI 236 History of the Arab World I: From Muhammad to the Ottoman Empire****3 Crs.**

A study of the rise of Islam and the emergence of the Arabs as a world power. Discussion will focus on the achievements of Muhammad, the institution of the caliphate, the Umayyad and Abbasid empires, the Crusades, and the decline of Arab influence in the Near East under the pressure of Turkish expansion.

**HI 238 The Modern Arab World****3 Crs.****HI 252 The Middle Ages****3 Crs.**

The development of European history from the Fourth to the Fourteenth century. The topics include the birth of the Middle Ages; Christianity; Byzantine, Islamic and Carolingian Empires. Feudalism, the Crusades, the growth of national states.

**HI 254 The Renaissance and Reformation****3 Crs.**

A study of the transition from medieval to modern society through the investigation of the political, social, economic, religious and cultural factors involved in the change.

**HI 264 The British Empire and Commonwealth****3 Crs.**

The evolution of the British Empire and Commonwealth from the American Revolution to the present; the fall of the old colonial system; the free trade movement; the growth of the Dominions; relations with India; the Empire and Commonwealth in recent years.

**HI 265 Modern England 1485 to the Present****3 Crs.**

A study of transformation of England from an agrarian, aristocratic society in the 16th century to an industrial democracy in the contemporary world.

**HI 267 Irish History and Civilization****3 Crs.**

Ireland has one of the oldest civilizations in Europe, a land of myth and history echoing with the words of her great poets, playwrights, statesmen, and novelists. It is the root place where many go to trace their ancestral heritage. The history will be traced from the beginning down to the Act of Union, 1800.

**HI 268 Irish History and Civilization****3 Crs.**

The course will start at the beginning of the 19th century and continue down to the present. Emphasis will also be placed on the Irish in the world, but especially their influence on the United States.

**HI 269 The Irish in the U.S. and in the World****3 Crs.**

This course will delineate the influence of the Irish in the American Revolution and in the Civil War, and also the influence of Irish Americans in Ireland and the part played by the Irish in France, Spain, Australia, South America, etc.

**HI 271 American Colonial Foundations (1607-1783)****3 Crs.**

A study of the development of American society with emphasis on the political, social, and economic problems which led to the American Revolution, and the further problems created during the Revolutionary War.

**HI 272 The New Nation (1783-1877)****3 Crs.**

The achievement of national government; the development of political parties and political democracy; social, political, economic, and cultural developments of the early and mid-nineteenth century; westward expansion; slavery, national disruption and Civil War; Reconstruction and its legacy.

**HI 273 The Age of Enterprise in the U.S. (1877-1929)****3 Crs.**

The achievement and impact of corporate capitalism; the political, social, intellectual and diplomatic transformations of the late nineteenth century; attempts at national reform and the impact of war; the beginnings of mass society and the causes of the Great Depression.

**HI 274 Contemporary America, 1929 to Present****3 Crs.**

The effects of the Depression and the initial response to it; the nature, achievements and shortcomings of the New Deal; the United States in World affairs from isolation to global involvement; the political, social and economic evolution of American life since the Second World War.

**HI 275 The History of American Labor****3 Crs.**

This course will trace the workers' plight from 17th century colonial workers through 20th century hard hats. Topics included will be labor organizations (conservative, liberal, and radical), leading labor personalities (William Sylvius, Terence Powderly, Frances Willard, Samuel Gompers, John L. Lewis, Walter Reuther, George Meany), the black laborer, the mass unionization movement of the 1930's, labor's influence in politics, labor and organized crime, and important labor legislation (Wagner Act, Taft-Hartley Act, Landrum-Griffin Act), etc.

**HI 278 Jewish History and Civilization****3 Crs.**

Jewish History from the earliest times through the Exodus, entrance into Canaan, Prophets, Period of the Kings. The interaction between Jewish History and the Assyrian, Babylonian, Persian, Greek, and Roman civilizations including the rise of Christianity and its unique importance in understanding the history of civilization. Emphasis will be placed on showing the relevance of ancient Jewish History to modern times, in helping us to better comprehend man and his civilization in the 20th century.



**HI 279 Jewish History and Civilization****3 Crs.**

Jewish History from after the second Jewish commonwealth in 135 c.e. through the Talmudic period; rise of Islam; middle ages; protestantism; industrial revolution; Zionism; and the yearning for Jewish homeland, the Holocaust, establishment of the State of Israel until 1978. Emphasis will be placed on clarifying the relevance of Jewish History to the comprehension of the history of man and civilization throughout the centuries, and especially in the 20th century.

**HI 280 U.S.A. and East Asia****3 Crs.**

Summarizes the achievements of traditional East Asian societies and examines Western contacts; imperialism and the resultant conflicts. Emphasis on China and Japan; traces Japanese imperialism and the revolutionary movements in China; influence of the United States and the Soviet Union upon the emergence of Chinese Communism as a central force in the area today.

**HI 281 History of Southeast Asia****3 Crs.**

A study of the formation of Southeast Asia cultures (Burma, Thailand, Cambodia, Laos, Vietnam and Indonesia) and an analysis of Chinese, Indian and Western influences on their development. Emphasis will be placed on the process of modernization in emerging nation states.

**HI 282 German History and Culture I\*****3 Crs.****HI 285 Germany Since the Middle Ages****3 Crs.**

The political, economic, social and intellectual development of Germany from the Napoleonic period to the present; state and society, nationalism, unification, Realpolitik, world war, democracy and facism, post-war division.

**HI 286 Eastern Europe Crossroads of Cultures****3 Crs.**

From the fall of Byzantium to Soviet Satellization.

**HI 287 The Holocaust****3 Crs.**

This course is an historical and literary study of the Holocaust, the Nazi attempt to exterminate the Jews of Europe. In the course we will examine the roots of German anti-semitism; the growth of National Socialism; the development of "the Final Solution"; Western reaction; the operation of the death camps; the aftermath and its implications. In addition to historical texts and literature, we will see at least one film and view a number of video tapes on the subject of the Holocaust.

**HI 288 Hungarian History and Culture Until 1848****3 Crs.**

This course provides a comprehensive view of Hungary's history from its very beginning up to the present day. The historical events, arranged in chronological order and grouped around historically coherent periods, will be examined in their political, economic and cultural ramifications.

Textbook: "A Short History of Hungary" by Zoltan Halasz, Corvina Press, 1975, \$8.50. Filmstrips, records, and xerox copies of pertinent articles will be provided by the instructor.

**HI 289 Ukrainian History and Culture Until 1900****3 Crs.**

Major political, cultural, social and economic developments of the Ukraine from the Kievan Rus to 1900.

**HI 291 Italy Since the Renaissance****3 Crs.**

Describes the development of Italy from the beginnings of the Risorgimento in the 18th century to the present.

**HI 293 The History of Violence in America****3 Crs.**

An exploration of the varieties and uses of violence, individual and collective, in the American past, and of violence as an aspect of the national mentality and culture.

**HI 294 20th Century American Historians in Conflict****3 Crs.**

This course will deal with historiographical controversy surrounding the following developments in 20th century American History: American entrance into World War I, the 1920's, the New Deal, Pearl Harbor, the Yalta Conference and the origins of the Cold War, the Korean War, McCarthyism, the Negro Revolt, etc. Basically the course will investigate what historians have had to say about the above topics.

**HI 295 Role of Women in American History****3 Crs.**

This course is designed to place women in their proper perspective in American history from Colonial times to the present. Included will be the contributions of women in social reforms, literature, science, politics and the arts.

**HI 303 United States Urban History****3 Crs.**

A study of the urbanization of the United States; the origins, growth and development of American cities; their impact upon the nation; the city as a social, economic, political and cultural environment.

**HI 321 United States Constitutional History****3 Crs.**

A case study approach to the organic growth of the Federal Constitution with particular emphasis on federalism, separation of powers, individual rights and ordered freedom, church-state issues.

**HI 322 United States Foreign Policy****3 Crs.**

This course examines the evolution and expansion of American foreign policy, its ideas and conduct, from the Revolutionary period to the present. It analyzes the aims of foreign policy, the influences which have shaped it, and its impact on the nation's domestic politics.

**HI 325 Ideas That Shaped America****3 Crs.**

An examination of those significant ideas and intellectual perspectives that have formed American society from the seventeenth century to the present day.

**HI 382 Modern German History and Culture\*****3 Crs.**

**HI 388 Hungarian History and Culture Since 1848****3 Crs.**

This course provides a comprehensive view of Hungary's history to the present day. The historical events, arranged in chronological order and grouped around historically coherent periods, will be examined in their political, economic, and cultural ramifications.

**HI 389 Twentieth Century Ukrainian History and Culture****3 Crs.**

The struggle for national survival, independence and unification of Ukraine from 1900 to present. Emphasis on the political, social, cultural and economic problems. Ukraine as an object of the international struggle. Its partition among four neighbors in 1920's. Unification under the Communist regime. Membership in the U.N. Liquidation of churches. Destruction of the Ukrainian intellectual and cultural life. National minorities in Ukraine (Jews, Russians, Poles). Dissident movement. The Ukrainians in the U.S. and diaspora.

**HI 390 Modern Romanian History and Culture \*****3 Crs.****HI 393 Modern Chinese History and Culture****3 Crs.**

The study of Modern Chinese History and Culture and Institutions from 1644 to the present. The course will focus on internal developments during the Ching and modern periods, in addition to Chinese involvement with the Western World.

\*Contact department for course descriptions.

## MAJOR IN POLITICAL SCIENCE

Political Science is the study of human government and politics, both historical and contemporary, in terms of ideas and principles, and the structure and function of institutions. Knowledge of political science is crucial to the development of the well-informed citizen, and is an important aid to those contemplating careers in such fields as law, government and public administration, and journalism

Major: 30 credits; pre-requisite: PO 101

12 credits from at least 2 of the following areas:

**Area 1:** American Politics: PO 211, 212, 213, 215, 217, 218

**Area 2:** Comparative Politics: PO 231, 233, 261, 305, 311, 315

**Area 3:** International Politics: PO 242, 244, 245, 246, 247

**Area 4:** Political Philosophy and Theory: PO 301, 302, 361

Minimum 3 credits in Public Administration, public policy, pre-law  
(Min. 9 credits for Public Administration concentration): PO 321, 322, 325, 341, 351, 352

PO 391 Optional Internship Program, 6-15 credits, max. of 6 credits toward major.

**PO 101 Introduction to Political Science****3 Crs.**

This course is designed to acquaint students with the study of Political Science. Specific topics will include a survey of the various approaches to the discipline, a study of its fundamental ideas, and a review of its importance in the contemporary world.

**PO 211 American Federal Government****3 Crs.**

Analysis of society, authority and common good. Forms of government. The constitution, structure, operation and functions of three branches.

**PO 212 State and Local Government****3 Crs.**

The original constitutional position of the states and the changing federal-state relationships. Types and evolution of local government; constitutional and statutory limitations. Emphasis on Connecticut.

**PO 213 Lobbying and the Legislative Process****3 Crs.**

Understanding the legislative process, various factors which influence legislative decision-making, methods of lobbyists and public interest groups to intervene successfully in the legislative process, ethical and legal boundaries for lobbying activity, and the development of competency in research involved with legislative intervention by lobbyists and public interest groups.

**PO 214 History and Government of Connecticut****3 Crs.**

An examination of the development of the State of Connecticut from the time of its colonial origins to the present. Special focus will be on the evolution and present day functioning of the Connecticut government system and legislative responses to historically oriented issues such as immigration, urbanization and industrialization. Select research areas will be developed relative to historical and legislative issues affecting Connecticut citizens.



**PO 215 Political Parties****3 Crs.**

The evolution of the American political party system will be emphasized. Additional topics will include: political campaigning, public opinion, the minority parties, and the future of the two party system.

**PO 217 The American Presidency****3 Crs.**

A study of Presidential powers, responsibilities and policy formulation.

**PO 218 The Politics of American Education****3 Crs.**

The historical evolution of the American educational structure, discussed from a political perspective. Special attention will be devoted to the problems of political culture, mass movements, and the communications revolution.

**PO 231 Comparative Western Politics****3 Crs.**

This course will review the principle approaches to the study of comparative politics in Western Europe. Special attention will be devoted to the problems of political culture, mass movements, and the communications revolution.

**PO 233 Comparative Asian Politics****3 Crs.****PO 241 Introduction to International Politics****3 Crs.**

Factors influencing and determining relations among nations.

**PO 244 Politics of the Middle East****3 Crs.**

The Middle East as the crucial region where vital interests of super powers meet.

**PO 245 U.S. Foreign Policy in Africa****3 Crs.**

U.S. Foreign Policy toward Africa from the 19th century; emphasis since 1945. Considers the spread of liberalism in Africa and recent developments in South Africa.

**PO 246 U.S. Foreign Policy and the Third World****3 Crs.**

This course will include a systematic analysis of Third World value systems and the U.S. foreign policy response to them. Approach to the course will be based on fourteen major reading assignments. Enrollment limited to twelve and with the permission of the instructor.

**PO 301 Development of Ancient & Medieval Political Theory****3 Crs.**

Examines the political views of the early philosophers from Ancient Greece to the Middle Ages. Emphasis on each philosopher's contribution to the evolving liberal-totalitarian dialogue.

**PO 302 Development of Modern Political Theory****3 Crs.**

The modern social-political thinkers from the 18th century to contemporary times. Selected movements will include the French Enlightenment, Utopians, Communists, Fascists and others.

**PO 321 Public Administration****3 Crs.**

This course will include the following themes: principles of administrative organization; the management of bureaucratic personnel; and the problems of administrative accountability.

**PO 322 Public Policy Making in the United States****3 Crs.**

This course will focus on governmental decision making with special emphasis on such policy areas as human rights, environmental protection, crime, and foreign policy.

**PO 325 Judicial Administration and Court Management****3 Crs.**

This course will review the judicial decision making process with special emphasis on the daily management of court affairs.

**PO 351 Constitutional Law****3 Crs.**

A review of American constitutional law from its early roots to contemporary times.

**PO 352 Special Topics in Administration****3 Crs.**

This is intended as an independent study course to meet the needs and interests of the student which are not met by regular curriculum. Prerequisite: Permission of instructor.

**PO 361 Politics and Morality****3 Crs.**

The ultimate justification of the State, and the moral considerations involving relationships of power, authority, and rule. Common good and morality or justice versus the power politics and expediency.

**PO 391 Internship Program****6-15 Crs.**

The Political Science Internship Program offers students a valuable field experience in the following areas: municipal government, county government, state government, the mass media, and political campaigns. In all instances, the instructor must approve the project in advance.

## HONORS PROGRAM

### Introduction and Sequence Courses

**EN 091-092 Humanities and Its Skills****6 Crs.**

An intensive consideration of speech, writing, and the use of the library. These courses replace EN 011 and EN 012; students who pass these courses may apply for a waiver from CA 021.

### Core Courses

**HN 202 Introduction to Humanities****3 Crs.**

An intensive study of the humanistic idiom from several points of view through major works of literature. A seminar paper is required. Prerequisite: EN 092.

**HN 205 Problems For the Humanist****3 Crs.**

An interdisciplinary study of those problems which confront the humanist. The course deals with these problems from an intellectual and moral standpoint. Prerequisite: HN 202.

**HN 301-302 Introduction to the Scientific Methods I and II****6 Crs.**

An integrated approach to a biological, chemical, and psychological research project including the use of lecture and laboratories. Prerequisite: EN 092 or permission of Director of Honors Program.

**HN 398, 399 Independent Study****Variable Credit**

Opportunities are given for directed research in areas of interest to the individual student. Admission by permission of the Director of the Honors Program. Prerequisite: HN 302 or permission of Director of Honors Program.

## **DEPARTMENT OF MATHEMATICS, OPERATIONS RESEARCH, AND COMPUTER SCIENCE**

### **MATHEMATICS**

The aims of the Department of Mathematics and Operations Research, OR, are: 1) to offer a math curriculum that, coupled with mathematics extra-curricular activities, will provide mathematics or OR majors with basic undergraduate requisites for successful advanced study at the best graduate schools or for successful employment in industry or in areas where mathematics or OR are in demand; and 2) to provide the non-mathematics majors with foundations and skills that will be increasingly useful, if not necessary, in the pursuit of their respective disciplines and professional work, by offering them courses whose content is both modern and relevant to the needs of an ever-increasingly technical society.

In the furtherance of these aims, the mathematics curriculum at the University is set up in accordance with the guidelines and standards established by the CUPM of the MAA. Moreover, the course offerings are continually being updated through the incorporation of new developments that will make the subject matter of greater relevance and usefulness. The OR curriculum is set up in accordance with the recommendations of the OR consultants from well established graduate schools of OR. The introduction of the theory and techniques of computer applications in mathematics is cited as an example. This modernization follows the recommendations of the Mathematics Panel of the Conference on Computers in Undergraduate Education, which stated: "The Panel feels strongly that the students will be enormously stimulated by the introduction of computing into the curriculum; for many it will turn the all-too-often totally passive college experience into one of active participation. It will provide a powerful problem-solving tool, and will enable students to do genuine research of an early period in their training, whereas only the truly exceptional student is now capable of anything worthy of the name research in the classical areas of mathematics."

**Mathematics Colloquium**

Every year several distinguished international scholars from prestigious graduate schools come to visit the Department, talk to students, discuss the program and lecture on topics of general interest in the Mathematics Colloquium. Recent lecturers include Professor Jean A. Dieudonne, member of the French Academy of Sciences; and Yale professors Nathan Jacobson, George Seligman, Sizhuo Kakutani, Walter Feit and others.

This Department celebrated the tenth anniversary of the Math Colloquium in May 1977. At present, the Colloquium has extended to offer lectures in OR and in CS, Computer Science.

**Math Films**

The showing of the principal math films produced by the MAA is another complementary activity to this curriculum. There are films for all levels of students, from the Calculus films to the ones in Differential Topology. They are shown several times a week so students can accommodate them in their schedules.



## MAA and AMS

For some years now, SHU has been an institutional member of the MAA, which is concerned especially with undergraduate mathematics. In December, 1971, SHU was also elected by the council of the AMS to institutional membership. Only some four hundred universities in the country have received such distinction.

Math majors who wish to obtain a B.S. degree must take, in addition to the requirements for a B.A. in mathematics, at least two more science courses. A foreign language, preferably French, is recommended for all math majors, either B.A. or B.S. candidates.

Math majors are advised to take some of the OR courses as electives. With the establishment of the majors in Operations Research and Computer Science, students can graduate with a double major in mathematics, operations research or computer science, or with minors in operations research or in computer science.

### MT 099 Basic Mathematics

3 Crs.

Foundations of arithmetic; assumptions; fundamental definitions. Cardinal and ordinal numbers. Equalities and inequalities of natural numbers. Algebraic expressions. Fundamental operations on polynomials. Rational fractions. Exponents and radicals. Algebraic equations. (For students who fail the department entrance examination.)

### MT 001 Modern College Mathematics I

3 Crs.

Set theory; the logical method; systems of numeration; functions; the real numbers; algebraic processes; equations and inequalities; complex numbers; graphs of relations.

### MT 002 Modern College Mathematics II

3 Crs.

Matrices; determinants; systems of equations; combinatorial theory and probability. Introductory Statistics. Prerequisite: MT 001.

### MT 005 Probability and Statistics

3 Crs.

An introduction to the theory of probability and elementary statistics. Important discrete distributions; sampling theory of large and small samples. Estimating population mean and proportion; test hypotheses.

### MT 010, OR 010 Precalculus

4 Crs.

For the prospective Math or OR major without the proper background to take MT 015. Set theory and symbolic logic. Definition of function and algebra of functions. Polynomial and rational functions. Analytical trigonometry.

### MT 015 Introductory Calculus

4 Crs.

First credit hour for Mathematics majors. Differential and integral calculus of the elementary functions with associated analytic geometry. Limit and approximation. Technique and applications of differentiation. Area and integral. Applications. Prerequisite: MT 010 or passing departmental test.

### MT 016 Mathematical Analysis I

4 Crs.

Continuation of MT 015. Limits of functions. Implicit and inverse functions. Methods of integration. Limits of sequences. Applications of integration; improper integrals. Series: power series. Parametric representation; polar coordinates. Prerequisite: MT 015.

### MT 095 The Modernized Metric System

3 Crs.

Development of the Metric System, the basic SI (International System) units of metric measurement. Supplementary units. Derived and special units. Conversions in the SI, measurements and scientific notation. The slide rule.

### MT 103 Linear Algebra

4 Crs.

Sets and mappings. Fields and other algebraic structures. Vector spaces and subspaces. Bases and dimension. Inner product spaces. Systems of linear equations. Matrix theory. Determinants. Linear inequalities and convex sets. Linear mappings and matrices. Quadratic forms. Prerequisite: MT 015.

### MT 104 Mathematical Analysis II

4 Crs.

Continuation of MT 016. 3-dimensional analytic geometry. Multivariable calculus. Real valued functions of several variables. Limits and continuity in  $E^n$ . Partial derivatives. Multiple integration. Definition of the integral; its existence and interpretations. Linear differential equations with constant variable coefficients. Systems of differential equations. Special problems. Prerequisite: MT 016.

### MT 107 (also OR 221) Probability and Mathematical Statistics II

3 Crs.

A continuation of MT 106. Prerequisite: MT 106

### MT 201 Advanced Multivariable Calculus

3 Crs.

Mappings from  $E^n$  to  $E^m$ . Continuity; Jacobians, chain rule for differentiation. Integrals along curves. Line and surface integrals; also in terms of vectors. Vector calculus. Theorems of Gauss, Green and Stokes. The space of continuous functions. Prerequisites: MT 103 and 104.

### MT 221 Abstract Algebra

3 Crs.

Continuation of MT 103. Algebraic systems. Group theory; subgroups; cyclic groups; basic theorems. Quotient structure. Isomorphism theorems. Ring theory; ideals. Integral domains. Prime fields and characteristics. Prerequisites: MT 103 and 104.

### MT 222 Geometry

3 Crs.

Especially for secondary teachers. A thorough and exact treatment of Euclidean geometry. Incidence and separation properties of planes and space. The theory of groups applied to transformations in the plane and in space, particularly isometries and similarities. Inversion in a circle and in a sphere. Prerequisite: MT 103.

**MT 231 Numerical Analysis**

**3 Crs.**

Solution of equations. Functional interaction of non-linear equations. Polynomial approximations; interpolation and quadrature. Initial value problems for ordinary differential equations. Matrix inversion and matrix characteristic values. Prerequisite: MT 104.

**MT 232 Applied Mathematics**

**3 Crs.**

A course to illustrate the principles and basic styles of thought in solving physical problems by mathematical methods. Prerequisite: MT 201.

**MAJOR IN OPERATIONS RESEARCH**

Operations Research is the application of the scientific method to the study of operations of large complex organizations or activities. Operations Research uses the planned approach (scientific method) and an interdisciplinary team in order to represent complex functional relationships as mathematical models for the purpose of providing a quantitative basis for decision making and uncovering new problems for quantitative analysis.

A new major in Operations Research has just been approved by the Commission on Higher Education of the State of Connecticut. The curriculum is the standard one in effect at the best departments on OR in the country. These courses constitute excellent electives for math majors who will seek employment in industry, and will permit students to complete the newly established OR major. The major in OR may be combined with a minor in Math or in Computer Science.

**Operations Research Major Program**

**Freshman**

OR	010	Precalculus For OR
*MT	103	Linear Algebra
EC	201	Principles of Economics I
MT	015	Introductory Calculus
*OR	012	Introduction to Management Science
EC	202	Principles of Economics II
CS	011	A First Course in Computer Science

**Sophomore**

MT	016	Math Analysis I
*OR	121	Math Models in Management Science
MT	104	Math Analysis II
*MT	108	Elementary Probability
*OR	132	Math Programming I
CS	012	Introduction to Applied Computation

**Required Supporting Courses:**

EC 201, EC 202, CS 012, MT 015, MT 016, MT 201

**Recommended Supported Courses:**

PS 101, MT 104, MT 345, MT 346, AC 103, AC 104, PY 111, PY 112, OR 340, CS 101

**OR 010 Precalculus**

**3 Crs.**

A version of MT 010 designed especially for the operations researcher. Set theory and symbolic logic; functions; algebra of functions. Basic trigonometry. Introduction to linear algebra.

**OR 012 Introduction to Management Science**

**3 Crs.**

Introduction to mathematical models as aids in managerial decision-making. Emphasis on deterministic linear models, particularly linear programming problems. Examples of planning problems in the public and private sectors.

**Junior**

MT	201	Advanced Calculus
*OR	133	Applications of Operations Research I
*OR	221	Statistics for Decision Making
*MT	202	Stochastic Processes
*OR	222	Introduction to Production Analysis
CS	101	Introduction to Computer Science

**Senior**

*OR	321	Decision Analysis
*OR	322	Applications of Operations Research II
CS	102	Introduction to Systems Programming
CS	121	Discrete Math and the Analysis of Algorithms
MT	345	Theory of Games
OR	340	System Theory
*Required (11)		

**Minor Sequence: (Required Courses)**

MT 015, MT 106, MT 103, CS 012, OR 121, OR 132

**Associate Degree:**

Same as those in the Minor sequence, plus 9 hr. in English, plus core requirements.

**MT 016 Math Analysis II**

**3 Crs.**

Continuation of MT 015. Limits of functions. Implicit and inverse functions. Methods of integration. Limits of sequences. Applications of integration; improper integrals. Series: power series. Parametric representation; polar coordinates. Prerequisite: MT 015.

**MT 108 (also MT 106) Elementary Probability\***

**3 Crs.**



**OR 121 Mathematical Models  
In Management Science****3 Crs.**

Stresses insights for decision-making that stem from scientific analysis. Develops skills in formulating and building models that are aids to executive decisions. Includes linear, dynamic, and combinatorial models. Covers optimization techniques of simplex algorithms, shortest route method, recursive programming, horizon analysis, branch-and-bound, and sensitivity analysis.

**OR 132 Math Programming I****3 Crs.**

Linear programming theory, the simplex algorithm and duality theory. Optimal network flows including the max-flow and min-cut theorem and algorithms for the transportation problem, shortest route problem and the minimum spanning tree problem. Computational aspects of the simplex algorithm including the revised simplex algorithm, production of the inverse, lexicographical ordering and upperbounded variables. Decomposition principle and algorithm, complementary pivoting and separable programming. Introduction to integer programming including cutting plane algorithms, branch and bound algorithms and implicit enumeration algorithms.

**OR 133 Applications of Operations  
Research I****3 Crs.**

Applications of the methods of operations research in management problems developed through study of actual applications reported in the literature, proposed applications, and case studies. Requires student formulation, experiment, and interpretation. Emphasis on the relationship of theory to practice and the use of operations research in decision making.

**OR 221 (also MT 107) Statistics For  
Decision Making****3 Crs.**

A first course in statistics, taught from the decision-making point of view. Topics include uncertainty and random variables, decision analysis, optimal strategies, and economics of sampling, as well as an introduction to game theory and group decision. An interactive computer facility will provide students direct experience in working with data.

**OR 222 Introduction to  
Production Analysis****3 Crs.**

A study of quantitative methods of analysis important to the solution of economic operating problems of production administration. Specific topics include programming methods, statistical analysis, and economics analysis.

**OR 321 Decision Analysis****3 Crs.**

Individual decision-making under uncertainty, including decision trees, risk aversion, elements of statistics and utility theory, estimation of utilities; a brief introduction to group decision-making.

**MT 345 Theory of Games****3 Crs.**

Two-person zero-sum games, the minimax theorem; non-cooperative n-person games; Nash equilibrium points; games in extensive form; cooperative n-person games: the core stable sets, Shapley value, bargaining set, kernel, nucleolus, simple games and power indices; and, games without side payments.

**OR 322 Applications of  
Operations Research II****3 Crs.**

A continuation of OR 133.

**MT 346 Optimization Theory\*****3 Crs.****OR 340 System Theory****3 Crs.**

Basic principles. The concept of feedback and its effects on the behavior of the system. State representation of continuous and discrete systems. Qualitative properties of systems. Applications.

\*Contact department for course description.

## COMPUTER SCIENCE

The introduction of computers and their subsequent use in society is one of the most significant developments of the mid twentieth century. Beginning less than thirty years ago, the computer industry is one of the largest in the United States today. Computer technology is still developing at an ever increasing pace and the uses of computers in society are increasing in number and scope. The use of computers in all types of information processing can be considered one of the most promising growth areas in the USA in the next thirty years.

As a graduate with a baccalaureate degree in computer science, you will be well prepared to undertake any rigorous graduate program leading to a Master's degree or a Doctoral (Ph.D) degree in computer science, as well as operations research, applied mathematics or statistics.

Employment opportunities abound in government, business or industry. Your studies will give you the appropriate grounding for scientific applications of computers in addition to business-oriented uses, such as data processing.

Most reliable sources have pointed out that now and for the foreseeable future, those graduates with degrees in computer science will be among the most sought after by all

segments of the economy. Not only is the job market bright for computer science graduates but the level of income for those entering the field from a university is among the highest of all college graduates.

## Facilities

As of this term (Spring, 1980), there are seven CRT's, a fast-line printer, and six hardcopy terminals connected to an IBM 370/158 running under the operating system MVS. Terminal users access the system under control of a program called TSO. In its current configuration the computer utilizes four megabytes of main storage at Yale Computer Center. Also, four Apple II microcomputers, each with a disk drive unit, and a printer with graphic capabilities.

Six CRT's, Datamedia 1521, and 3045, and the printer are also located in the SHU terminal room. The hardcopy device is a DEC LA120 and is used for output only via the YCC Hardcopy facility. Another CRT terminal is located in the lecture hall adjacent to the terminal room. The video output of this terminal is connected to a Telebeam II projector, which projects on a 4 x 6 foot screen.

All eight terminals are connected to a Micom Data Concentrator. The Micom is attached directly to a Bell Dataphone 4800 modem. Data is transmitted between YCC and SHU over a leased four wire circuit installed and maintained by the telephone company.

The other six hardcopy terminals, LA36's, are connected also to the IBM 370/158 through independent fully restricted telephone lines.

The Department is in the process of acquiring several statistical packages, numerical analysis software, and linear programming software such as Harwell, subroutines for numerical analysis, linear algebra, and optimization; IMSL, subroutines same as the previous ones; MPXX, IBM linear programming system; SPSS, statistical routines; LIDA, for teaching statistics; BMD, statistical routines; and the widely used LINDO for linear programming.

## Library

The general reference holdings in Mathematics and Computer Science are adequate with 2,761 volumes in the area of Mathematics, Operations Research, and Computer Science. In addition, the Bridgeport Engineering Institute Library, which is housed within the Sacred Heart University Library, increases our resources by 86 volumes, thus totalling 2,846.

Our library has already all books in the main list of the Mathematical, Operations Research, Computer Science Association. Before the end of this term (Spring, 1980), we will have at least two hundred more volumes, which have been selected from the collection at SOM, Yale.

SHU is a member of ORSA and ACM (Association for Computing Machinery).

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

### Freshman

	<i>First Semester</i>	
OR 010	Precalculus	4
*CS 011	A First Course in Computer Science	5
	<i>Second Semester</i>	
*MT 015	Introductory Calculus	4
*CS 012	Introduction to Applied Computation	5

### Sophomore

	<i>First Semester</i>	
*MT 103	Linear Algebra	4
*CS 101	Introduction to Computer Science	5
	<i>Second Semester</i>	
*MT 016	Mathematical Analysis I	4
*CS 102	Introduction to Systems Programming	5
*MT 202	Differential Equations Or	3
*MT 108	Elementary Probability	3



Junior

<i>First Semester</i>		
*CS 121	Discrete Mathematics & the Analysis of Algorithms, I	3
*CS 211	Advanced Programming	3
*MT 201	Advanced Calculus	3
<i>Second Semester</i>		
*CS 122	Discrete Mathematics & the Analysis of Algorithms, II	3
*CS 212	Numerical Computation	3

Minor in CS (23 credits): CS 011, or CS 013, CS 012, CS 101, CS 102, CS 211 (Regular track) or (24 credits): CS 009, CS 015, CS 107, CS 109, CS 203, CS 207 (Data Processing track)

Senior

<i>First Semester</i>		
*CS 201	Programming Languages & Compilers	3
CS 301	Introduction to the Theory of Automata (elective)	3
<i>Second Semester</i>		
*CS 202	Operating Systems	3
CS 322	Special Projects (elective)	3-6

\*Required courses for the B.S. (56 credits)

DATA PROCESSING

An Associate of Science degree program in Computer Science, with two options is offered by the Department of Computer Science, one in scientific applications of the computer and another one in Data Processing. The former would enable a student majoring in operations research, mathematics, or the sciences, to seek employment in government or industry. The latter will enable business students or persons already working in computer application to business to have a formal education in that field in order to advance in their careers.

Scientific Option  
Freshman

<i>First Semester</i>		
OR 010	Precalculus	4
CS 011	A First Course in Computer Science	5
EN 011	Freshman Rhetoric: shorter forms	3
Liberal Arts elective		3
		15

Freshman

<i>Second Semester</i>		
MT 015	Introductory Calculus	4
CS 012	Introduction to Applied Computation	5
EN 012	Freshman Rhetoric: Longer forms	3
Liberal Arts elective		3
		15

Sophomore

<i>First Semester</i>		
MT 103	Linear Algebra	4
CS 101	Introduction to Computer Science	5
CS 121	Discrete Mathematics and the Analysis of Algorithms, I	3
Liberal Arts elective		3
		15

Sophomore

<i>Second Semester</i>		
MT 016	Mathematical Analysis I	4
CS 102	Introduction to Systems Programming	5
CS 122	Discrete Mathematics and the Analysis of Algorithms, II	3
Computer Science elective		3
		15

Certificate Program

(Five computer courses plus two math courses)		
CS 011	A first Course in Computer Science	
CS 012	Introduction to Applied Computation	
CS 101	Introduction to Computer Science	
CS 102	Introduction to Systems Programming	
CS 121	Discrete Mathematics and the Analysis of Algorithms, I	
MT 015	Introductory Calculus	
MT 103	Linear Algebra	

Data Processing Option

Freshman

<i>First Semester</i>		
MT 001	Modern College Math I	3
CS 009	Introduction to Data Processing	4
EN 011	Freshman Rhetoric: shorter forms	3
Liberal Arts Electives		6
		16

Freshman

<i>Second Semester</i>		
MT 002	Modern College Math II	3
CS 015	COBOL Programming	5
EN 012	Freshman Rhetoric: longer forms	3
CS 107	Systems Design	4
		15

**Sophomore***First Semester*

MT 103 Linear Algebra	4
CS 105 Advanced COBOL Programming	4
CS 109 Project Management and Control	3
Liberal Arts Elective	3
	<hr/> 14

**Sophomore***Second Semester*

CS 203 Data Base Design	4
CS 207 Systems Analysis	4
CS 101 Introduction to Computer Science	5
elective	3
	<hr/> 16

**CS 009 Introduction to Data Processing 4 Crs.**

This course is designed to provide data processing oriented students or business people in general with a basic understanding of the fundamentals of Data Processing and the workings of the computer. It will give them the knowledge and understanding necessary effectively and intelligently to communicate in the computer driven business environment of today.  
*Two hours of lab a week required.*

**CS 011 A First Course in Computer Science 5 Crs.**

An introduction to computer and mathematical modeling in the social and physical sciences. All required mathematics and computer programming in the conversational language BASIC are developed from first principles.  
*A minimum of 4 hours a week of lab required.*

**CS 012 Introduction to Applied Computation 5 Crs.**

An introduction to problem solving concepts and algorithm design, computers, FORTRAN programming, and applications to a variety of disciplines.  
*A minimum of 4 hours a week of lab required.*  
Prerequisite: CS 009, CS 011, or Permission from Department.

**CS 013 Introduction to Programming Microcomputers 5 Crs.**

An up-to-date perspective on using computers and writing computer programs. All required computer programming skills in the conversational language BASIC are developed from first principles on a micro-computer system.  
*Lab to be arranged.*

**CS 015 COBOL Programming 5 Crs.**

An introduction to the COBOL language and its application to solving business-oriented data processing problems.  
*A minimum of 4 hours a week of lab required.*  
Prerequisite: CS 009, CS 011, CS 012, or Permission from the Department.

**Certificate Program**

CS 009 Introduction to Data Processing
CS 015 COBOL Programming
CS 107 Systems Design
CS 109 Project Management and Control
CS 203 Data Base Design
CS 207 Systems Analysis
CS 105 Advanced COBOL Programming OR
CS 303 Advanced Data Base Design

*Six courses from those listed above, provided the pre-requisites are met.*

**CS 019 Computer Operations 3 Crs.**

An introduction to the hardware, software, and personnel requirements necessary to operate a 3rd generation computer center. Topics covered are input/output controls, general systems requirements from a structural standpoint, handling procedures for disc and tape systems, and computer security. Facilities maintenance, upgrades, etc. Prerequisite: CS 009

**CS 100 Telecommunications 3 Crs.**

This course introduces the basic concepts of telecommunication. It provides the student with knowledge about the following topics: the nature of communication links and their hardware; the codes, modems, terminals and methods of line organization; multiplexing and the types of network structures and design techniques to implement the system. Prerequisite: CS 019

**CS 101 Introduction to Computer Science 5 Crs.**

The design and representation of algorithms. Problem-solving and programming techniques: top-down analysis, recursion, APL, and ALGOL or PASCAL languages. Organization and logical structure of the digital computer and programming languages. Data and control structures. *A minimum of 5 hours a week of lab required.* Prerequisite: CS 011 or CS 012, or Permission of the Department.

**CS 102 Introduction to Systems Programming 5 Crs.**

Techniques for sophisticated programming. Assembly language programming and systems programming languages. Modular construction of big programs. Data structures and storage allocation systems. *A minimum of 5 hours a week of lab required.* Prerequisite: CS 101.

**CS 105 Advanced COBOL Programming 5 Crs.**

Segmentation, overlay processing. Efficiency and trade-offs in coding and program design. 4 hr/wk at terminals. Prerequisite: CS 015

**CS 107 Systems Design 3 Crs.**

An introduction to the practical application of computers to the solving of business related problems. Analysis, design and evaluation techniques are stressed. Prerequisite: CS 011



**CS 109 Project Management and Control** **3 Crs.**  
Provides the basis for managing resources to accomplish specific objectives. Emphasis is placed on scheduling and estimating methods, CPM/PERT techniques, and interpersonal communication skills. Prerequisite: CS 015.

**CS 110 Data Processing—Feasibility and Economics** **3 Crs.**  
The study and justification leading to the installation of a computer systems as a complex focus with many variables. The focus is on the feasibility study which prepares the analysis of the problems leading to a computer system, the economics of selecting the right computer system and the maintenance costs of the system. Prerequisite: CS 109

**CS 121 Discrete Mathematics and the Analysis of Algorithms I** **3 Crs.**  
The mathematical theory and techniques underlying the analysis of algorithms and applied problem solving. Prerequisite: MT 103, CS 012, or Permission of the Department.

**CS 122 Discrete Mathematics and the Analysis of Algorithms II** **3 Crs.**  
Continuation of CS 121. Prerequisite: CS 121

**CS 203 Data Base Design** **4 Crs.**  
File structures including sequential, indexed, and direct files. Data base organizations: hierarchical, relational, and ring structures. Prerequisite: CS 015.

**CS 207 Systems Analysis** **0 Crs.**  
Will introduce the student to the basic systems theory providing a working knowledge of information systems design and analysis. The student will participate in the analysis of specific business problems and design systems to support this business need. Prerequisite: CS 017

**CS 211 Advanced Programming** **3 Crs.**  
Advanced programming techniques with special emphasis on applications to the business world and to the social and physical sciences. Prerequisite: CS 102.

**CS 217: Real Time Computer Systems** **3 Crs.**  
This course covers the applications, economics, and the design of real time computer systems for commercial use. Topics include the equipment, the configurations, the techniques and design calculations necessary to install a real time system. It addresses the technical problems associated with such systems and the schedules and procedures needed for implementation. Prerequisite: CS 203.

**Associate in Science—Computer Science**

- The two-year program in Computer Science is intended for:
- 1. High school graduates who intend to make a career working in the fields in which Computer Science is used.
  - 2. College graduates who did not have enough computer experience in their college years.
  - 3. Persons already working with computers who want a formal education in Computer Science in order to advance in their careers.
  - 4. College students in majors such as mathematics, operations research, chemistry, biology, the social sciences, psychology, etc., who wish to minor in Computer Science, which will help them in their respective major and/or open new opportunities for employment after graduation.

**DEPARTMENT OF MEDIA STUDIES**

Media Studies is an innovative program offering a major which combines the study of communications theory and technology with the liberal arts.

The program recognizes that the student must be technologically competent, and must understand the historical, social and philosophical aspects of media. The student concentrating in Media Studies examines the theories behind contemporary communication in journalism, broadcasting and film. Media workshops aimed at developing basic competence in communication production are viewed as an integral part of the program.

All Media Studies majors are required to take a minimum of forty-two (42) credit hours, the following required credit hours must be successfully completed:

**Required Courses:**

(I.) Twelve (12) credits in the following core:

MS 101 Media: The Extension of Man	3	MS 301 Reading Seminar in Mass Communications	3
MS 201 Kinetics: A Study in the Moving Image	3	MS/EN 375 Advanced Composition	3

- (II.) Six (6) credits in upper division literature 6
- (III.) Three (3) credits in film history 3

(IV.) Twenty-one (21) remaining credits are to be selected from interdisciplinary elective courses, including eighteen (18) credits taken in production courses. (MS/EN 375 counts as a production course.)

In addition to the Media Studies offerings, students can select as part of their major, the following electives:

- Department of Business:**
  - BU 221 Business Communications 3
  - BU 261 Principles of Marketing 3
- Department of Communication:**
  - CA 151 Story Theater Workshop 3
  - CA 161 Fundamentals of Theater 3
  - CA 171-271 Fundamentals of Acting, I, II 6
  - CA 280 Oral Interpretation of Literature 3

- Department of English:**
  - EN 205 Language and Human Behavior 3
  - EN 206 Language and Culture 3
  - EN 375 Advanced Composition 3
  - EN 378 Creative Writing 3
- Department of Psychology:**
  - PS 215 Social Psychology 3
- Department of Sociology:**
  - SO 364 Public Opinion and Propaganda 3

**MS 101 Media: The Extension of Man 3 Crs.**  
 An introduction to media technology, examining the impact of radio, television, newspapers and film on the human condition. The course objective is to equip the student to be a perspective consumer of media output, by exploring how each medium codifies reality.

**MS 191 The Development of Motion Pictures I 3 Crs.**  
 A course designed to introduce the student to the historical development of film making, highlighting the evolution of the film as a means of expression. Sample films from the past will be shown at each class meeting followed by a discussion of the several aspects of the film. Laboratory fee \$10.00

**MS 192 The Development of Motion Pictures II 3 Crs.**  
 Traces film history from 1940 to the present. Extensive screenings of classic films. Laboratory fee \$10.00

**MS 201 Kinetics: A Study of the Moving Image 3 Crs.**  
 Kinetics is the language of moving pictures. Unlike the linear sequence of speech and the written word, moving pictures create a simultaneity of sensory perception. Through an intensive study of experimental and feature films, the course explores the nature of the moving images and how they are organized to create a whole.

**MS 205 Solving Communications Problems with Media 3 Crs.**  
 This course utilizes systems analysis techniques to appraise problems and to design solutions to communications problems which are found in large and small institutional environments.

Design components include audience analysis, the formulation of communications objectives, and content formulation. Design applications involve the selection of the most appropriate communication tools: A survey of available technologies includes graphics, multi-image slide-tape, film, video, and computer based instruction.

Use applications include interpersonal management, communications and employee information, sales and product training, and public affairs. Actual case studies will be analyzed in the class.

**MS 212-312 Radio Production Workshops I and II 6 Crs.**  
 An introduction to basic radio production. Students prepare for the FCC 3rd class license, learn the audio control board, and develop concepts of radio broadcasting. Because WSHU is integrated into the courses as a laboratory and program outlet, students are required to function as staff members.

**MS 213-313 Video Productions Workshops I and II 6 Crs.**  
 An introduction to basic video theory (both conceptual and technical) and production technique. Participants are required to write, produce, and direct videotaped projects. The first semester utilizes Portapak and editing systems; the second semester is built around multi-camera studio productions. Laboratory fee \$10.00

**MS 214-314 News Writing & Reporting Workshop I and II 6 Crs.**  
 An introduction to basic news writing and journalistic reporting principles. Concepts of journalism will provide a format for an analysis of the news media and responsibilities of a journalist in today's society. The workshop sessions attempt to utilize the concepts in practical work. In the second semester, students write and edit an issue of the *Obelisk*.



**MS 215-315 Film Making  
Workshop I and II****6 Crs.**

An introduction to the basic techniques of cinematic composition, editing, and film criticism. The student will also be introduced to the basic administrative and aesthetic aspects of film making. Critical stress will be on super 8 mm filming techniques, and the student will be expected to provide film.

**MS 216 Photography Workshop I:  
Writing in Light****3 Crs.**

An introduction to the photographic image through both theory and practice. Emphasis is on exploring possible kinds of communications through photographs. The course requires students to work in color slides; no darkroom work is required.

**MS 301 Reading Seminar  
in Mass Communications****3 Crs.**

An interdisciplinary study of contemporary theories of mass communications. The course attempts to present an overview of the impact of mass communications by considering them as codes, as symbolic systems, and as manipulative powers on both the conscious and subconscious levels. Reading, writing, discussion, and research are required.

**MS 316 The Roaring Twenties:  
A Filmic Image****3 Crs.**

This extraordinary decade of Valentino, Lindbergh, jazz, prohibition, petting and marathons, more devastating to the established order of things than the sixties and seventies combined, is brought back to living reality by authentic films of the period, both documentary and theatrical. Laboratory fee \$10.00

**MS 370 Newspaper Publication****3 Crs.**

An introduction to newspaper publication, providing editing and publications practice. Emphasis will be on copy selection, copy editing, story placement, headline writing, use of art, page layout, copy filtering, and use of stylebooks. Students will aid in the production of a bi-weekly campus newspaper.

In addition, issues affecting newspaper production will be discussed including libel, production economics, legal restrictions such as copyright, and First Amendment rights.

**MS 371 World War II:  
A Filmic Image****3 Crs.**

A recreation of the whole perspective of the war era, both battlefield and life at home, using classic war documentaries as well as theatrical entertainment films from many nations. The course seeks to place the student back in history during a time of total war—a condition the contemporary student has never experienced. Laboratory fee \$10.00

**MS 381 The Images of Women  
in Film****3 Crs.**

Films are cultural artifacts. Each film contains within itself a complex social system reflecting the attitudes, values, and mores of the society that produced it. This course attempts to uncover these values by examining the function of women on screen: the images they project, the roles they assume, the values they encode, and the relationships they establish with men, children, and each other. Emphasis is on content description rather than formal analysis.

**MS 391 Film Seminar****3 Crs.**

The study of the impact of the film phenomenon, with special attention given to how films influence our thoughts, our actions and our lives. Each semester the course focuses on a different part of the world on film. Laboratory fee \$10.00

**MS 395 Media Practicum****1-3 Crs.**

An opportunity for outstanding senior Media Studies majors to assist in the planning and production of media projects contracted by the University or by outside agencies. By permission of Director of Media Studies; offered only when appropriate projects are available.

**MS 398 Independent Study****1-3 Crs.**

Work on a special topic or production to be arranged with an instructor who will direct the work. Permission of the Director of Media Studies will be granted qualified Media Studies majors on the basis of a written prospectus. (By special arrangement.)

## DEPARTMENT OF MODERN FOREIGN LANGUAGES

The Department of Modern Foreign Languages responds to the student's interest in learning about other people, both abroad and in this country, and to the desire to communicate with these people. The curriculum is designed to help the student develop linguistic versatility and cultural sensitivity through acquaintance with a second language and its culture. Courses in Arabic, Chinese, French, German, Modern Greek, Gaelic, Hungarian, Italian, Japanese, Lithuanian, Polish, Portuguese, Slovak, and Ukrainian are offered in response to student interest and need. A variety of courses in Spanish Language and Literature is offered for both Spanish Majors and non-majors. Flexible counseling, rather than a prescribed program of courses, aids the student in attaining his personal goals, whether they be intellectual growth, preparation for advanced study in graduate school, teaching language in the secondary schools as a major or minor subject, or work as bilingual secretary, radio announcer, interpreter or translator. The following audio-visual aids are available: A language laboratory for reinforcement of oral

skills; slide and film projectors for presenting the library's cultural materials. The library also contains a substantial collection of Spanish and Spanish-American literature. The holdings include materials on Puerto Rico which are of special interest to today's students. A Spanish club, La Hispanidad, provides opportunities for informal communication with the Spanish-speaking, and acquaints North American students with this group and with their concerns. Trips to museums, the experiencing of Spanish cuisine at restaurants and the homes of faculty and fellow students, as well as other activities, form an integral part of Spanish studies. Study abroad is desirable, and is made available to those who are able to participate.

The Major: A minimum of 30 hours of upper division courses (i.e., courses numbered 101 or higher).

## ARABIC

**AB 001 Elementary Arabic I** 3 Crs.  
Morphology and basic syntax of modern standard Arabic. Emphasis on oral drill as well as reading and writing.

**AB 002 Elementary Arabic II. Continuation of Arabic I.** 3 Crs.  
Morphology and basic syntax of modern standard Arabic. Emphasis on oral drill as well as reading and writing. Prerequisite: AB 001.

**AB 051 Intermediate Arabic I\*** 3 Crs.

**AB 052 Intermediate Arabic II\*** 3 Crs.

## CHINESE

**CN 001 Elementary Chinese I\*** 3 Crs.

**CN 002 Elementary Chinese II\*** 3 Crs.

## FRENCH

**FR 001-002 Elementary French I and II** 6 Crs.  
Essentials of structure, reading basic texts, speaking and writing simple sentences. Study of French culture. Oral ability perfected through laboratory practice. Lab fee: \$10.00

**FR 051-052 Intermediate French I and II** 6 Crs.  
Review and intensified study of structure, reading of short works, vocabulary building, composition and conversation. French culture as reflected in daily life. Laboratory practice. Lab fee: \$10.00. Prerequisite FR 002 or equivalent.

**FR 101-102 French Composition and Grammar I and II** 6 Crs.  
More complex grammar; enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing, and translating, based on literary and cultural texts. Prerequisite: FR 52 or equivalent.

**FR 111-112 Conversational French I and II** 6 Crs.  
An integrated study of French as it is spoken and written today. Prerequisite: FR 52 or equivalent.

## GAELIC

**GL 001 Elementary Gaelic I** 3 Crs.  
Basic language patterns learned in the context of normal cultural situations. Practice in understanding, speaking, reading and writing Gaelic. Language as communication. Irish culture as reflected in daily life.

**GL 002 Elementary Gaelic II** 3 Crs.  
A continuation of Elementary Gaelic I. Basic language patterns learned in the context of normal cultural situations. Practice in understanding, speaking, reading and writing Gaelic. Language as communication. Irish culture as reflected in daily life. Prerequisite: GL 001 or permission of instructor.

**GL 051 Intermediate Gaelic I** 3 Crs.  
A continuation of Elementary Gaelic II. Basic language patterns learned in the context of normal cultural situations. Practice in understanding, speaking, reading and writing Gaelic. Language as communication. Irish culture as reflected in daily life. Prerequisite: GL 002 or permission of instructor.

**GL 052 Intermediate Gaelic II** 3 Crs.  
A continuation of Elementary Gaelic II. Basic language patterns learned in the context of normal cultural situations. Practice in understanding, speaking, reading and writing Gaelic Language as communication. Irish culture as reflected in daily life. Prerequisite: GL 051 or permission of instructor.

**GL 101-102 Advanced Grammar and Conversation I & II\*** 6 Crs.

## GERMAN

**GE 001 Elementary German I\*** 3 Crs.

**GE 002 Elementary German II** 3 Crs.  
Essentials of structure, reading basic texts, speaking and writing simple sentences. Studies of German Culture. Learnings reinforced through language laboratory. Prerequisite: GE 001 or equivalent.

**GE 007 Introduction to German for Business\*** 3 Crs.

**GE 051 Intermediate German I\*** 3 Crs.

**GE 052 Intermediate German II\*** 3 Crs.



## GREEK

**GK 001 Elementary Greek I (Modern)\*** 3 Crs.

**GK 002 Elementary Greek II (Modern)\*** 3 Crs.

**GK 051 Intermediate Greek I (Modern)\*** 3 Crs.

**GK 052 Intermediate Greek II (Modern)\*** 3 Crs.

## HUNGARIAN

**HG 001 Elementary Hungarian I** 3 Crs.

This course provides an introduction to the Hungarian language. While emphasis is placed on giving the student command of the spoken language, both the vocabulary and the structure necessary for immediate use of written materials are included. The aim of the course is to provide students with a firm control of the basic structure of the spoken language and a vocabulary adequate to make limited practical use of both the spoken and written language in their travels, work and social obligations. In addition, the course provides the learner a sound background for further development of fluency and proficiency in Hungarian. Textbook is the Hungarian Basic Course, compiled and published with the support of the Office of Education, Department of Health, Education and Welfare, United States of America, under the direction and supervision of Augustus A. Koski.

**HG 002 Elementary Hungarian II** 3 Crs.  
Continuation of Elementary Hungarian I. Prerequisite: HG 001.

## ITALIAN

**IT 001-002 Elementary Italian I and II** 6 Crs.  
Essentials of structure, reading of basic texts, speaking and writing sentences. Study of Italian culture.

**IT 051-052 Intermediate Italian I and II** 6 Crs.  
Review and intensified study of structure, reading of short works, vocabulary building, composition, conversation. Contemporary and historical culture. Prerequisite: IT 002 or equivalent.

**IT 111 Conversational Italian I** 3 Crs.  
An integrated study of Italian as it is spoken and written today. Intensive oral practice; pronunciation, vocabulary, reading, comprehension; short speeches, and group discussions. Prerequisite: IT 052 or permission of instructor.

**IT 112 Conversational Italian II\*** 3 Crs.

**IT 181 Italian Culture and Civilization** 3 Crs.  
The development and contributions of Italian civilization from its origins to the present time, with reference to its political, social, and intellectual traditions.

## JAPANESE

**JP 001 Elementary Japanese I\*** 3 Crs.

**JP 002 Elementary Japanese II\*** 3 Crs.

## LITHUANIAN

**LN 001 Elementary Lithuanian I** 3 Crs.  
The basic elements of grammar, pronunciation and simple conversation with some reading and writing.

**LN 002 Elementary Lithuanian II** 3 Crs.  
A continuation of the basic elements of grammar, pronunciation and simple conversation, with some reading and writing. Emphasis on practice in conversation and speech patterns and readings in Lithuanian literature. Prerequisite: LN 001

**LN 003 Practical Lithuanian\*** 3 Crs.

**LN 051 Intermediate Lithuanian I** 3 Crs.  
More complex grammar, enrichment in vocabulary and improvement of proficiency in speaking, reading, and translating. Study of Lithuanian literature. Reading of short works. Prerequisite: LN 002 or equivalent.

**LN 052 Intermediate Lithuanian II** 3 Crs.  
Continuation of Intermediate Lithuanian I. Prerequisite: LN 051.

**LN 111 Conversational Lithuanian** 3 Crs.  
Emphasis on conversation and pronunciation, vocabulary and common expressions with some reading and writing. Of special interest to those who wish to brush up or improve their knowledge of the language.

## POLISH

**PL 001 Elementary Polish I** 3 Crs.  
Elementary Polish. An introduction to Polish stressing pronunciation, aural comprehension and basic conversation; fundamental principles of grammar; training in reading, comprehension and writing.

**PL 002 Elementary Polish II** 3 Crs.  
Elementary Polish. An introduction to Polish, stressing pronunciation, aural comprehension and basic conversation; fundamental principles of grammar; training in reading, comprehension and writing. Prerequisite: PL 001.

**PL 003 Practical Polish\*** 3 Crs.

**PL 051 Intermediate Polish I\*** 3 Crs.

**PL 052 Intermediate Polish II\*** 3 Crs.

## PORTUGUESE

### PT 001 Elementary Portuguese I 3 Crs.

An introductory course to the comprehension and speaking of Portuguese. Basic dialogues are used to provide, in context, most of the vocabulary. Reinforcement drills follow each conversation to develop the students' ability in personal expression. In addition to the conversation and grammar units, cultural readings will be spaced throughout the series that have as their subject matter all of the Portuguese speaking world. Supplementary to the text is the laboratory program, consisting of a laboratory manual and tape recordings. These aids facilitate the mastery of the conversations, strengthen comprehension and provide additional practice of the grammatical structures.

### PT 002 Elementary Portuguese II 3 Crs.

A continuation of the basic elements of grammar, pronunciation and simple conversation. Prerequisite: PT 001.

### PT 051 Intermediate Portuguese I\* 3 Crs.

### PT 052 Intermediate Portuguese II\* 3 Crs.

### PL 111-112 Conversational Portuguese I & II\* 6 Crs.

## SLOVAK

### SK 001 Elementary Slovak I 3 Crs.

A study of the Slovak language including dialogue, reading, grammar, translation from English to Slovak, and vocabulary. The culture and history of Slovak-speaking people will also be emphasized.

### SK 002 Elementary Slovak II 3 Crs.

Review of grammar; translation and composition; drill in written and oral self-expression. Literary selections read not only for their aesthetic value, but also because they reflect and illustrate characteristic traits of the Slovak people and their typical culture. Prerequisite: SK 001.

### SK 051-052 Intermediate Slovak I & II\* 6 Crs.

### SK 181 Slovak Culture and Civilization 3 Crs.

The main currents of Slovak civilization are presented by means of lectures and student participation in written and oral reports. The history, geography, literature and fine arts are scanned and studied as a basis for class discussion.

## SPANISH

### SP 001-002 Elementary Spanish 6 Crs.

Basic language patterns learned in the context of normal cultural situations. Practice in understanding, speaking, reading, and writing Spanish. Language as communication. Opportunities for insight into the culture of Spain and Hispanic America. Learnings are reinforced in Language Laboratory. Lab fee: \$10.00

### SP 003-004 Practical Spanish For Everyday Use 6 Crs.

Vocabulary and conversation for people who deal with the Spanish-speaking in banks, stores, social service, hospitals. No prerequisite.

### SP 008 Spanish For Medical Personnel 3 Crs.

Vocabulary and conversation for people who deal with the Spanish-speaking in hospitals and other health services. Prerequisite: SP 002.

### SP 051-052 Intermediate Spanish 6 Crs.

Review and intensified study of authentic language patterns. Readings based on Spain and Hispanic America. Use of Language Laboratory is continued. Speaking ability is stressed. Lab fee: \$10.00 Prerequisite: SP 001-002 or equivalent.

### SP 053-054 Intermediate Spanish For Social Workers 6 Crs.

An intermediate course designed especially for students interested in doing social work with the Spanish-speaking. Oral practice in laboratory. Prerequisite: Spanish 002 or equivalent.

### SP 101-102 Advanced Composition and Grammar 6 Crs.

Writing controlled compositions based on selections previously read and discussed. Vocabulary building. Practice in using patterns and structures found in the reading. The course culminates in the writing of free compositions. Prerequisite: SP 052. Lab fee: \$10.00

### SP 103-104 Spanish For the Spanish-Speaking 6 Crs.

Aimed at helping the Spanish-speaking student improve his oral and written expression in his native tongue. Pronunciacion, Ortografia, Redaccion. Lab fee: \$10.00

### SP 101H-102H

For students enrolled in the Honors Program. An enriched course, especially tailored to the individual student.

### SP 107 Business Spanish 3 Crs.

A practical course which aims at giving specific vocabulary needed in various occupations which require the use of Business Spanish. In addition, students will be given special training in writing business letters. This is one of a series of courses offered by the Department of Modern Languages for career preparation. Prerequisites: SP 052 or Permission of Department.

### SP 108 Tecnicas de Traduccion (Spanish For Translators) 3 Crs.

An introduction to principles of translation. Study and analysis of Modern Standard Spanish. Syntactic description and development of skills. Investigation and training in the nature and use of Spanish for translation. Prerequisite: SP 052 or Permission of Department.



**SP 111-112 Conversation: Topics For Daily Living****6 Crs.**

An integrated study of Spanish as it is spoken and written today. Intensive oral practice; pronunciation, vocabulary, reading, comprehension; short speeches and group discussions. Use of audiolingual aids in the laboratory is required. Prerequisite: SP 052 or equivalent. Lab fee: \$10.00

**SP 201-202 Spanish Literature****I & II****6 Crs.**

Reading of the great works of Spanish literature from the Middle Ages to the present day, with emphasis on an understanding of the Spanish mind and way of life. Oral and written reports. Use of audiolingual aids in the laboratory is required. Lab fee: \$10.00. Prerequisite: SP 101-102 or Permission of Department.

**SP 213 Workshop in Conversational Spanish****3 Crs.**

Intensive practice in spoken Spanish through real life situations: shopping, cooking, dining. These and other activities provide a motif for lively conversations in the Spanish languages. Prerequisite: SP 051, 052 or Permission of Department.

**SP 214 Workshop in Spanish Grammar****3 Crs.**

Analysis of the principal structures necessary for correct speech and writing. Intensive practice in the use of these structures. Prerequisite: SP 102 or Permission of Department.

**SP 215-216 Spanish Readings and Discussion****6 Crs.**

Designed to improve reading ability and self-expression, through readings chosen from Spanish authors, followed by discussion. Additional readings from newspapers and magazines, according to individual interests. Prerequisite: SP 101-102 or Permission of Department. Lab fee: \$10.00

**SP 241 Spanish Phonetics & Phonology****3 Crs.**

A study of the sounds of the language. Drill for the improvement of pronunciation and intonation. Recommended for all majors and for those who expect to teach Spanish. Use of audiolingual aids in the laboratory is required. Prerequisite: SP 101-102. Lab fee: \$10.00

**SP 280 Hispanic Civilization—Spain****3 Crs.**

History and culture of the Spanish people from their origins to the present day, with emphasis on their arts, their thought and their lifestyle. Lectures, readings, reports. Audiovisual materials will be used. Prerequisite: SP 101-102. Lab fee: \$10.00

**SP 281 Hispanic Civilization—Spanish America****3 Crs.**

Designed to promote understanding of the Spanish-American people through the different periods of their history, of their behavior patterns, and their reactions to political, religious and economic problems. Selected readings. Presentation by students of the results of research on various countries. Audiovisual materials will be used. Prerequisite: SP 101-102. Lab fee: \$10.00

**SP 282 Puerto Rico: Su Lengua Y Su Cultura****3 Crs.**

A study of Puerto Rico, its people, culture, and language as shown in its literature and political history.

**SP 284 El Dictador en la Novela Hispanoamericana del Siglo XX****3 Crs.**

Centers on an analysis of selected novels from the Post-Modernism to the Present. Particular emphasis on the works of M. L. Guzman, M. A. Asturias, A. Roa-Bastos, J. Rulfo and G. G. Marquez. Close study of texts and evaluation of movements. Prerequisite: SP 102 or Permission of Department.

**SP 315-316 Conversation: Contemporary Issues****6 Crs.**

A course designed to improve mastery of spoken Spanish. Discussions based on current materials: books, newspapers, magazines and filmstrips dealing with life in the Spanish world, both here and abroad. Prerequisite: SP 111-112.

**SP 317-318 Modern Spanish Literature: Readings and Discussion****6 Crs.**

Informal class discussions of modern literary works in Spanish. Aim: to gain understanding of today's Spanish authors while improving speaking ability.

**SP 341 Contrapositive Linguistics: Spanish-English****3 Crs.**

Awareness of the relationship between linguistics and the learning of a new language. Phonological and structural comparison between Spanish and English as an important aspect of the audiolingual approach to the learning and teaching of the Spanish language. Prerequisite: SP 241 or Permission of Department.

**SP 351-352 Masterpieces of Spanish American Literature****6 Crs.**

Reading of the great works of Spanish American Literature, from the Colonial period to the present day. Lectures and reports based on the works studied. Recordings of outstanding authors and critics. Prerequisite: SP 201-202 or Permission of Department. Lab fee: \$10.00

**SP 383 The Hispanic Caribbean****3 Crs.**

A comprehensive study of the main historical and cultural development of the Caribbean World (Puerto Rico, Cuba, and the Dominican Republic) as seen through the works of the outstanding figures in these areas.

**UKRAINIAN****UK 001 Elementary Ukrainian I****3 Crs.**

Primarily for students with little or no knowledge of the language. By a combination of lectures, drills, and lab work, the basic elements of Ukrainian structure are presented orally, aurally, and by written exercises. Reading ability, audio comprehension, and moderate oral ability are the aims of this course.

**UK 002 Elementary Ukrainian II****3 Crs.**

A continuation of the basic elements of grammar, pronunciation and simple conversation. Prerequisite: UK 001.

\*Contact department for course description.

## DEPARTMENT OF PHILOSOPHY

The Department of Philosophy services the academic community in a three-fold way. Since the University considers the philosophical experience as integral to the intellectual and cultural development of today's student, the Department provides foundation courses that satisfy core requirements in Area IV. Its broad range of electives, dealing with historical movements as well as contemporary problems, allows for a major in philosophy and makes available a variety of electives of an interdisciplinary nature.

In whatever way the student comes to philosophy, whether it be to satisfy a core, major, or elective requirement, the Department seeks to enrich his life experience by making available to him the broad and generous ideas that have shaped the contemporary intellectual world. Awareness of the traditional philosophical forces of the past is a condition for understanding the ideological trends of today.

In our increasingly complex and dynamic culture, the growth of novel and challenging ideas unsettle traditional patterns of thought and action; as a result, the role of philosophy becomes more vital for it addresses itself to the conflict between the enduring insights of the past and the new discoveries and theories of the present in an attempt to attain a coherent philosophy of life. The ability to understand, manipulate, and control these broad theories is a prerequisite to structuring for oneself a coherent and consistent world-view that will give direction and meaning to one's behavior, both intellectual and moral.

### **PH 101 Introduction to the Problems of Philosophy**

**3 Crs.**

Philosophy is defined for the beginning student through an exploration of the branches of philosophy and their respective problems as they develop in the history of philosophy from its beginning in Greek thought to the present.

### **PH 112 The Art of Making Sense: Logic Workshop**

**3 Crs.**

The workshop emphasizes the practice of logical analysis in classroom exercises. The course focuses on three areas: how to make our ideas clear; how to reason correctly; and how to evaluate evidence used to substantiate a truth claim.

### **PH 114 The Philosophy of Human Communication**

**3 Crs.**

Utilizing philosophical works in areas of speech, body language, semiotics (the language of signs), this course will investigate the extent to which each individual creates his own language and the limits which society places upon the continuing events known as interpersonal communications.

### **PH 225 Philosophy of Plato**

**3 Crs.**

This course attempts to analyze the question of what it means to be philosophical through an exploration of selected Platonic dialogues. Through an examination of poetry, knowledge, speech, and love, the nature of the philosophical life will be discussed.

### **PH 231 Philosophy of Knowledge**

**3 Crs.**

A study of the conditions which make knowledge possible and the criteria of truth and falsity.

### **PH 255 Political Philosophy**

**3 Crs.**

This course will treat the perennial question of political philosophy—whether or not men can know and found the best political regime—in order to shed light on the nature of modern political systems. Issues discussed will include the difference between ancient and modern political theory, the relation of philosophy to politics, and the influence of technological thinking on political systems.

### **PH 257 Business Ethics**

**3 Crs.**

An investigation of the philosophical questions which arise in normal business situations. The case-study method will be used to examine such questions as nepotism; competition; marketing; career advancement; and product research. There will be consideration given to the question of whether a special ethic should apply to business situations.

### **PH 275 Process Philosophy**

**3 Crs.**

An examination of the influence of the idea of cultural and biological evolution on philosophy in the 19th and 20th centuries, especially on the thought of Hegel, Spencer, Nietzsche, Bergson, Dewey, Whitehead and Teilhard de Chardin.

### **PH 278 Values in Conflict**

**3 Crs.**

This course considers in detail contemporary ethical systems. After examining the Judeo-Christian ethical tradition, attention is turned to recent intellectual movements that have affected modern man's re-evaluation of classical and traditional morality, namely Marxism, Psychoanalysis, and Existentialism. An attempt is made to establish a dialogue and a synthesis of these trends.

### **PH 306 Existentialism**

**3 Crs.**

A study of nineteenth and twentieth century existentialism, especially the thought of Kierkegaard, Nietzsche, Heidegger, and Sartre.



**PH 307 Introduction to Phenomenology****3 Crs.**

This course focuses primarily on the phenomenological philosophy of Edmund Husserl. Some of the topics considered in detail are Husserl's understanding of phenomenology as a philosophical method, the transcendental reduction, consciousness, intersubjectivity, and the lifeworld (*Lebenswelt*). An attempt is also made to probe into Husserl's influence on the phenomenological philosophies of Heidegger, Merleau-Ponty, and Scheler.

**PH 312 Philosophical Foundations of Marxism****3 Crs.**

A study of the philosophical development of the young Karl Marx, from his flirtation with Hegel to Feuerbach, to his own historical perspective.

**PH 322 American Philosophy and Culture****3 Crs.**

Study of the interaction of American philosophical thought and the American experience as revealed in the philosophies of Edwards, Emerson, Royce, Peirce, James and Dewey.

**PH 238 The Pragmatic Philosophy of John Dewey****3 Crs.**

This course studies Dewey's intellectual leadership in applying his pragmatic philosophy to interpreting issues and proposing solutions to the major national and international problems of America in the first half of the 20th century.

**PH 351 Skinner, Dewey and Marx****3 Crs.**

This course focuses on three utopian schemes: technocracy as represented in Skinner's *WALDEN II*; democracy, especially as defended by John Dewey; and Marxist socialism, notably that of Herbert Marcuse and Jean-Paul Sartre.

**PH 382 Problems in Contemporary Philosophy****3 Crs.**

Topics of study to be announced by instructor.

**PH 398 Independent Studies****1-3 Crs.**

Every semester.

## DEPARTMENT OF PSYCHOLOGY

It is the goal of the Psychology Department to provide its students with a basic foundation in the scientific study of behavior. Such a background will be of value to two groups of students: those who intend to enter the employment market after completion of the Baccalaureate Degree, and those who wish to further their education through graduate study and pursue a career in Psychology or a related field.

A broad spectrum of courses ranging from Psychodynamics to Experimental Psychology is offered by the Department and, in addition to completing the required courses, a student may take those electives which interest him and for which he has completed the necessary prerequisites. Independent laboratory research, programs in field experience, and contemporary seminars are also available to qualified students in their senior year.

**PS 001 Elements of Psychology****3 Crs.**

Introduction to the basic psychological factors underlying human behavior, with emphasis on the understanding of personal, family and social life situations.

**PS 010 Seminar in Self-Management****3 Crs.**

A presentation of techniques useful for life structuring, including personal assessment, goal setting, self-applied behavior modification, and career planning.

**PS 101 General Psychology—Scientific Aspect****3 Crs.**

Introduction to psychology as the science of behavior, focusing on the individual as an adapting biological system. Topics include history and methodology, biological basis for behavior, sensation, perception, and learning.

**PS 102 General Psychology—Psychodynamics****3 Crs.**

A continuation of PS 101. Topics include personality development and assessment, behavior disorders, psychotherapy, attitudes, and group behavior. Prerequisite: PS 101.

**PS 121 Applied Psychology****3 Crs.**

A survey of the professional activities of psychologists as applied to the fields of business, advertising, mental health, education, and law.

**PS 125 Psychology of Dreams and Dreaming****3 Crs.**

The physiology and interpretation of dreams. Requires the keeping of a dream diary by the students.

**PS 131 Dynamics of Behavior****3 Crs.**

Considers the basic nature of man, the determinants and patterning of personality development and factors in healthy and faulty development; human motivation and stress and our reactions to them; effective and faulty patterns of adjustment.

**PS 132 Adjustive Behavior****3 Crs.**

Considers development and function of groups and the way groups and individuals influence each other; interpersonal relationships such as marriage, occupation, and resources for personal growth and change. Studies applications of concepts for effective behavior. Prerequisite: Any Psychology course.

**PS 135 Drugs and Behavior 3 Crs.**

An examination of the relationship between drugs and behavior as manifested in the characteristics and activities of psychoactive drugs, drug users, and society as a whole.

**PS 141 Expanding Human Awareness I 3 Crs.**

A positive-focus group experience designed to increase awareness of oneself and others. Current research in the field will also be evaluated.

**PS 142 Expanding Human Awareness II 3 Crs.**

A continuation of PS 141. Experience and discussion in a positive-focus setting. Prerequisite: PS 141 or permission of instructor.

**PS 151 Statistics for the Behavioral Sciences 3 Crs.**

An introduction to the basic concepts and techniques of statistics as they apply to behavioral research. Topics include the organization of data, measures of central tendency and variability, correlation, sampling error, parametric and non-parametric tests of significance. Prerequisite: MT 002 "C" or better.

**PS 152 Research Design and Analysis 3 Crs.**

The application of statistical principles to the mechanics of the scientific method within the context of psychological research. Stress is placed on the design of models for hypothesis testing. Prerequisite: PS 151.

**PS 171 Psychology of Women 3 Crs.**

A course for people about women. Topics discussed include the biology of women, women's social roles past and present—at work, in love, and at play, and the issues of the women's movement. Special emphasis will be given throughout on experimental research which bears on women's behavior.

**PS 215 Social Psychology Microprocesses 3 Crs.**

The social psychological perspective from the point of view of the individual. Consideration will be given to the processes of socialization, identity, attitude formation and change, person perception and interaction.

**PS 241 Psychology of Personality 3 Crs.**

Research-oriented approach to theories of personality development, and personality assessment. Prerequisite: PS 101.

**PS 242 Psychology of Personality II 3 Crs.**

This course considers more recent approaches to personality. The viewpoints of Behaviorism, Reality Therapy, Transactional Analysis, Personal Construct Theory will be considered. The Existential-Humanistic perspective will be presented from the viewpoints of such people as Maslow, Allport, Rogers, May, Frankl, etc. Prerequisite: PS 241 or permission of instructor.

**PS 252 Child Development Psychology 3 Crs.**

Biological, psychological and social factors in child development from birth to pre-puberty with particular emphasis on cognitive, emotional and personal social functioning. Prerequisite: PS 101.

**PS 260-269 Experimental Psychology 3 Crs.**

A series which each covers research technique and literature in a particular area of Psychology. Laboratory work is included.

PS 261—Perception PS 263—Sensation  
PS 262—Learning PS 264—Emotions

**PS 272 Adolescent-Old Age Psychology 3 Crs.**

An interdisciplinary study of the development and behavior of the human being from puberty to old age. Includes issues and problems relevant to adolescence, developmental tasks of adulthood and middle age, psychological characteristics of the elderly, and the psychology of death and dying. Prerequisite: PS 101.

**PS 285 Psychological Counseling I 3 Crs.**

This course will cover the philosophy of counseling, the nature of counseling and the basic theoretical issues involved in counseling. Prerequisite: PS 101.

**PS 289 Community Mental Health 3 Crs.**

A course aimed principally at the following factors: 1) identification and delineation of contemporary mental health problems and issues; 2) a critical reexamination of basic models and assumptions; 3) planning procedures for the utilization and conversation of mental health manpower resources; 4) development of community services with emphasis on prevention; 5) research and evaluation techniques. Prerequisites: PS 101—SO 101.

**PS 292 Systems and Theories of Psychology 3 Crs.**

An historical survey of theoretical formulations and systems in psychology with evaluation of the contributions of structuralism, functionalism, behaviorism, Gestalt psychology, psychoanalysis, learning theory, and the physiological orientation. Prerequisite: PS 101-102, and senior standing.

**PS 301 Basic Concepts in Psychology 3 Crs.**

A senior seminar devoted to basic concepts and current controversies in psychology.

**PS 311 Abnormal Psychology 3 Crs.**

The concepts of "mental health" and "abnormality" types of psychopathology; biological, epidemiological, actuarial, clinical and developmental perspectives on abnormal behavior. Prerequisite: PS 241.



**PS 314, RS 314 Psychology and Religion****3 Crs.**

This course will deal with many of the overlapping concerns and insights of the fields of psychology and religion. These two areas of life and learning make many connections. Both ask questions about the general nature of man as well as about how he lives and ought to live. This course will investigate some of the significant impacts psychology has made on traditional religious faith, and some of the ways it is recognized that religion has an influence upon mental health. Prerequisite: Junior and Senior students.

**PS 321 Psychological Counseling II****3 Crs.**

A study of the various dimensions of a helping relationship, including the establishment of goals and the consideration of the practical forces involved. Prerequisite: PS 285.

**PS 322 Seminar in Interpersonal Relations****3 Crs.**

A seminar designed to acquaint the student with current research and techniques in group dynamics, assessment of normal and abnormal behavior and other problems related to interpersonal development. Prerequisite: PS 215.

**PS 331 Psychological Tests and Measurements****3 Crs.**

Principles of test theory in psychology; validity, reliability and standardization of tests; survey of representative types of test and measurements. Prerequisite: PS 101.

**PS 341 Motivation: Principles and Applications****3 Crs.**

A seminar which incorporates experimental exploration of human motives. Three units treat: 1) Physiological origins of needs, drives and emotions; 2) Emotional experience of different motives (role playing, games, and group experiences); 3) Clinical, educational, and business applications.

**PS 345 Introduction to Individual Growth and Group Dynamics****3 Crs.**

An introduction to the dynamics of personal growth and development coupled with an experiential component designed to enhance individual growth as well as to experience and observe group dynamics. This course is limited to special students with demonstrated leadership ability.

**PS 351 Physiological Psychology****3 Crs.**

This course examines the molecular and molar views of the nervous and endocrine systems and emphasizes the roles of these systems in behavior.

**PS 355 Environmental Psychology****3 Crs.**

An empirical inquiry into the effects of environment on behavior. Climatic variables, population density, urban stress, territoriality, styles of architecture, and spatial patterning are some of the foci of inquiry.

**PS 390-395 Psychological Research****1-6 Crs.**

A senior course in which selected students conduct original independent research culminating in a formal written report at the end of the semester. By special arrangement with Department Chairman.

**PS 396 Field Experience**

Supervised volunteer work in area Human Services Agencies. Prerequisite: PS 101-102.

## DEPARTMENT OF RELIGIOUS STUDIES

In an age when the criteria of meaning are so often determined by the reductive categories of the immediately relevant and the useful, there is a radical necessity to make possible the academic study of religion on the collegiate level as an essential aspect of a humanistic education. This necessity becomes evident when religion is understood in the contemporary sense as being concerned, not only with creeds and codes, but with the ultimate value attitudes which become the motivating sources for human action in an individual and in a society.

Religious Studies 101, Introduction to the Study of Religion, is a foundation course and prerequisite to the elective courses in the Department. All majors and prospective majors should consult with the Chairperson concerning additional specific degree requirements.

**RS 101 Introduction to the Study of Religion****3 Crs.**

A critical and constructive study of the nature of religion, of its functions in human life, and of its various forms and manifestations.

**RS 213 Comparative Religion****3 Crs.**

A comparative study of the central themes in the major religions of the world—Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity, and Islam.

**RS 215 The Judaic Experience of the Sacred****3 Crs.**

A theological reflection on the Judaic experience of God, the Covenant, creation, and sin and salvation. This course will examine the contribution of the Judaic experience to the understanding of the sacredness of the human condition.

**RS 222 Introduction to the Old Testament****3 Crs.**

An historical examination of the development of the Old Testament which will entail a consideration of the historical rise of the people Israel, and the distinctive religious awareness that accompanied it: Israel's understanding of God, and man, and history; her experience of promise and fulfillment, slavery and freedom.

**RS 223 Paul****3 Crs.**

An examination of the understanding of man, the world, and the reality of God that came to fruition in the thought of this great personality. Interest is not limited to what was thought then but what possibility does it open to me now.

**RS 226 Theology of the Gospel of John****3 Crs.**

Through a careful examination of the text of the Fourth Gospel, an attempt to come to grips with the theological motifs present in John's witness to the "Truth."

**RS 227 Introduction to the Synoptic Gospels****3 Crs.**

If the Gospels are to be understood and to bring understanding, it is imperative that what they are be clearly discerned. Through the use of historical critical method, the course will allow these documents to show themselves in their true reality. Emphasis will be placed on the relationship between these gospels and man today.

**RS 229 Jesus****3 Crs.**

An attempt to reach the preaching and consciousness of the historical Jesus from a proper methodological examination of the sources. A study of the response of the early community to the Jesus event through an analysis of the names of Jesus.

**RS 230 The Death and Resurrection of Jesus of Nazareth****3 Crs.**

The course will concern itself with the development of the traditions of the death and resurrection of Jesus which now stand in the gospels of Matthew, Mark, Luke, and John. Interest will be taken in isolating those factors that influenced the development as well as in historical matters.

**RS 236 Modern Atheistic Thinkers****3 Crs.**

The emergence of nineteenth and twentieth century atheism out of the classical modern thought. The philosophical, scientific, and psychosocial dimensions of atheism as a humanistic movement.

**RS 242 History of Christian Thought to 1800****3 Crs.**

An exploration of pivotal theological controversies which have shaped the history of Christian thought. While emphasizing doctrinal ideas, the course will take into account the historical-cultural conditions surrounding the controversies.

**RS 243 History of Christian Thought Since 1800****3 Crs.**

A continuation of RS 242, but may be elected independently.

**RS 247 Current Systematic Theology****3 Crs.**

A discussion of theological method and its application to the doctrines of God, revelation, creation, Christ, and the Church. A comparison of Catholic and Protestant approaches.

**RS 248 Contemporary Protestant Thought****3 Crs.**

Barth, Bultmann, Niebuhr, Tillich, Bonhoeffer have all left an indelible mark on present theological thought. This course will explore the major themes which run through the work of these theologians.

**RS 251 The Gospel is Freedom****3 Crs.**

A look at interpersonal relationships in the light of the freedom found in the Gospel. Does Christian faith have anything to say about human relationships? The course will look at marriage, friendship, and other searches for identity with and through other people.

**RS 255 Issues in Religious Ethics****3 Crs.**

A study of some of the more important issues confronting the contemporary attempt to construct a philosophically and theologically adequate ethical methodology.

**RS 257 Contemporary Moral Problems****3 Crs.**

An examination of selected moral problems which involve a significant conflict of values in contemporary pluralistic society: sexual ethics, biomedical ethics (abortion, genetic engineering, behavior modification, death), revolution and violence, environmental quality and population policy.

**RS 273 Tricksters, Sorcerers, Prophets, and Clowns: The Shamanistic Experience****3 Crs.**

The Shaman stands on the premise that there is more to the world than the average man sees. The course is concerned with religious vision and literal blindness. The subject matter is ourselves; the teachers—Carlos Castaneda, Franz Kafka, Jorge Luis Borges, Thoreau, Paul, Jesus, et al.

**RS 274 Symbols, Myths, and Religion****3 Crs.**

Symbols and myths will be examined to discern their place in the structure of human consciousness in order to see the function they perform in human religious consciousness.

**RS 275 The Mystery of Death****3 Crs.**

Death endures as the one certain and inevitable "fact" of life. It stands as the reality that cannot be ignored when the question of the meaning of human existence is raised. It is the intention of this course to allow the revelatory dimensions of death to be. Course taken with the permission of instructor.

**RS 277 Play****3 Crs.**

An examination of the reality of play and its relation to the experience of transcendence and the religious life. Important areas of discussion will be death, game, story, imagination, and the language of Jesus and other poets.



**RS 282 Problems in the Philosophy of Religion****3 Crs.**

Some of the principal problems concerning the nature and justification of religious belief and experience from the viewpoints of philosophical analysis and religious existentialism.

**RS 285 Religion and the Human Sciences****3 Crs.**

An exploration of the significance of psychology, sociology, and other human sciences for contemporary theological understanding. Comparison will also be drawn between the various understandings of the human as derived from scientific and theological humanisms.

**RS 286 Religion, Person, and Society****3 Crs.**

An examination of the major contemporary social problem areas: family, education, government, business, etc., and the religious values that can be brought into play to meet them. Special focus on "The Church and the Modern World" of Vatican II and its practical implications today.

**RS 287 Religious Values and Technology****3 Crs.**

This course will look to the specific challenges arising from modern corporate business technology, as viewed within the context of an incarnational theology of work and social responsibility.

**RS 288 Meditation in the Modern World****3 Crs.**

Consideration of meditation styles, approaches, and their value for human wholeness, inter-personal relations, and social responsibility. Special focus on the significance, in this context, of Thomas Merton and Teilhard de Chardin.

**RS 291 The American Novel & Religious Themes****3 Crs.**

A reading of contemporary American novels with an attempt to examine their religious nature. What are our writers saying about the meaning of our lives and our deaths? Included in this course will be: James Agee, James Baldwin, Truman Capote, Isaac Bashevis Singer and John Updike.

**RS 292 Images of Religious Experience****3 Crs.**

An examination in film of the ways people respond (or fail to respond) to opportunities for personal religious growth, moral decision making, etc. The course will center on viewing, reactions to, and techniques of film as religious symbols.

**RS 306 The Church****3 Crs.**

Consideration is given to the biblical understanding of Church and to various ecclesiastical models from the point of view of their meaning.

**RS 310 Youth Ministry****3 Crs.****RS 322 Elementary Hebrew****3 Crs.**

Elements of Hebrew grammar and translations of Old Testament prose. (Also carries graduate credit.)

**RS 325 New Testament Greek****3 Crs.**

Introduction to the nominal and verbal systems of Hellenistic Greek designed to provide a basis for reading the Greek New Testament. (Also carries graduate credit.)

**RS 326 Intermediate New Testament Greek****3 Crs.**

A study of the syntax of Hellenistic Greek in union with selected readings from the Greek New Testament. The aim of the course is to achieve a moderate reading proficiency at sight. (Also carries graduate credit.)

## DEPARTMENT OF SOCIOLOGY, SOCIAL WORK AND CRIMINAL JUSTICE

The Department of Sociology, Social Work and Criminal Justice offers a varied selection of courses primarily in Sociology, Social Work, Anthropology, and Criminal Justice. In addition to its over-all liberal arts educational emphasis, the Department offers specific programs of professional preparation in Social Work, specialized sociological areas, and Criminal Justice.

### SOCIOLOGY

#### Programs In Sociology

The Sociology Department offers courses in 3 different areas as listed below:

1. General Sociology
2. Social Research
3. General Preparation for Graduate Work in Sociology

Basically the curriculum consists of a sequence of core theoretical and methodological courses and several additional courses essential to a strong foundation in Sociology.

The area of General Sociology is intended for students who want to have a broad knowledge of the field and those who plan on entering elementary and secondary education.

Specialization may be directed in: Social Research, and a general preparation for graduate work in Sociology.

The emphasis in Social Research is intended to provide academic preparation to those students interested in the fields in which social research methods are applied such as program evaluation, community planning, surveys of public opinion as well as in pure and applied social research.

The students who intend to go to graduate school receive a general preparation in Sociology with an emphasis on theory, research methods and statistical analysis.

The requirements for a major in Sociology and a specialization in any of the three areas are:

33 credit hours in Sociology (30 in Sociology, 3 in Anthropology)

12 credit hours in related fields

These requirements are over and above the University core requirements and BS or BA requirements. For those requirements consult the proper section of the catalog.

## General Sociology

### Departmental Requirements

SO 101 Principles of Sociology  
 SO 303 Sociological Theories  
 SO 321 Contemporary Sociological Thought  
 AN 101 or AN 102 Physical Anthropology or Cultural Anthropology  
 SO 391 Research Methods

### Two courses from the following

SO 215 Social Psychology  
 SO 219 Social Change  
 SO 281 Demography  
 SO 291 Exemplars of Social Research  
 SO 231 Marriage and the Family  
 SO 260 Intergroup Relations  
 SO 261 American Minorities

### 12 Credits in related fields

Psychology, Political Science, Economics, and History. *No more than 6 credits in any one of these fields.*

## Social Research

### Departmental Requirements

SO 101 Principles of Sociology  
 SO 303 Sociological Theories  
 SO 321 Contemporary Sociological Thought  
 AN 102 Cultural Anthropology/or  
 AN 101 Physical Anthropology  
 SO 391 Research Methods

### Social Research Requirements

SO 291 Methods of Social Research I  
 SO 390 Social Statistics  
 SO 391 Methods of Social Research II  
 SO 395 Internship in Social Research  
 CS 011 Introduction to Computer Science

### Two courses from the following

SO 215 Social Psychology  
 SO 219 Social Change  
 SO 281 Demography  
 SO 231 Marriage and the Family  
 SO 260 Intergroup Relations  
 SO 261 American Minorities

### 12 Credits in related fields

Psychology, Political Science, Economics, and History. *No more than 6 credits in any one of these fields.*

## General Preparation for Graduate Work in Sociology

### Departmental Requirements

SO 101 Principles of Sociology  
 SO 303 Sociological Theories  
 SO 321 Contemporary Sociological Thought  
 AN 101 Physical Anthropology/or  
 AN 102 Cultural Anthropology  
 SO 391 Research Methods

### 12 Credits in related fields

Psychology, Political Science, Economics, and History. *No more than 6 credits in any one of these fields.*

### Preparation for Graduate Work in Sociology Requirements

SO 215 Social Psychology  
 SO 260 Intergroup Relations  
 SO 390 Social Statistics  
 SO 275 Deviance and Social Control  
 SO 185 Social Stratification  
 SO 231 Marriage and the Family  
 SO 219 Social Change  
 SO 281 Demography

NOTE: All students who plan to go to graduate school in Sociology should work closely with a Departmental advisor.



**AN 101 Physical Anthropology 3 Crs.**

The origin and evolution of man. Contemporary, theories and developments in genetics, pre-history, and cultural differentiation.

**AN 102 Cultural Anthropology 3 Crs.**

Study of the origin and development of human culture. Emphasis is placed upon such areas of cultural expression as language, religion and art as well as cultural change, food acquisition and kinship in primitive societies. Prerequisite: SO 101 or AN 101.

**AN 200 Anthropology of Art 3 Crs.**

The study and analysis of art in its full expression—plastic, verbal, and performing—as a social barometer on man, in his relationship to self and others, and in his behavior both personal and collective.

**AN 231 Anthropology of the Family 3 Crs.**

The study of the Family as a social institution, primary and fundamental to all other institutions; tracing the development of familial styles, contrasting patterns throughout man's development. Prerequisite: SO 101, AN 101

**SO 101 Principles of Sociology 3 Crs.**

An introduction to the study of human behavior as shaped by the contexts of individuals, groups, society, and culture. The basic terminology, concepts, theories, and methods of Sociology as an empirical science.

**SO 121 Social Problems 3 Crs.**

The sociology of human crises. Social disorganization and its symptoms. Seeks to understand the human dimension in the cause and effect patterns within which crises develop and looks for solutions to them.

**SO 183 Industrial Sociology 3 Crs.**

The structure of industrialized societies. Labor-management relationships, and social behavior in complex industrial organizations. The organization of labor and its impact upon industrialized societies. Prerequisite: SO 101.

**SO 185 Social Stratification 3 Crs.**

Institutionalized social inequality in wealth, prestige, and power. Theoretical explanations of such inequalities and factual information on systems of stratification. Analysis of stratification in the U.S.A. Prerequisite: SO 101.

**SO 200 Seminar in Women's Studies 3 Crs.**

Survey of the changing conditions leading to the movement for women's equality. Assessment of the present and future consequences of the movement. Perusal of outstanding literature on this subject with evaluative discussion.

**SO 201 Women in the Professions 3 Crs.**

This course analyzes the status of professional women in the different professions. Institutionalized forms of sexism rampant in some professions are studied emphasizing possible solutions and their effects on existing social values. Prerequisite: SO 101.

**SO 203 Human Sexuality 3 Crs.**

The sociology and anthropology of sexual identity and behavior.

**SO 206 Society and Economic Issues 3 Crs.**

This course is designed for anyone interested in understanding the social impact of the economics of our time, and the policy issues which affect us and our communities. The following topics are discussed with an emphasis on their social dimension; inflation, federal, individual and corporate taxation, the negative income tax, economic policies regarding pollution, economic aspects of the health care industry, and education.

**SO 215 Social Psychology: Macroprocesses 3 Crs.**

Emphasis in this course is on the social and cultural factors which influence individual behavior in group processes. Socialization, social interaction, social influence and conformity, decision making, attitudes and opinions, and other related topics are covered. Prerequisite: SO 101.

**SO 219 Social Change 3 Crs.**

Consideration of various theories and models of social-culture change: cultural diffusion, social movements, conflict, social evolution, and planned change. Strategies and tactics for changing social systems. Prerequisite: SO 101.

**SO 225 Sociology of Revolution 3 Crs.**

The analysis of revolution in terms of social change, violence and revision, cross-cultural and intercultural patterns. The common core of Revolution as a form of social movement. Examples from revolutions in different societies. Prerequisite: SO 101.

**SO 231 Marriage and the Family 3 Crs.**

Family as a major social institution. Changing role, structure, and functions of the modern family. Rural-urban, social class and ethnic differences in family organization. Marriage and family as a developing system of interpersonal relationships. Prerequisite: SO 101.

**SO 235 The Sociology of Literature 3 Crs.**

The object of this course is to study man's social being as he appears in western literature: his nature as found in Spain's *El Cid* and *Don Quixote*, in France's *Song of Roland*, in the *Arthur Roundtable* cycle; his environment as exemplified in Dickens' *Oliver Twist* and the *Tale of Two Cities* and in Mark Twain's novels; his problems and interrelationships as evidenced by Steinbeck, Faulkner, Hemingway, and Updike. Prerequisite: SO 101.

**SO 238 Medical Sociology****3 Crs.**

The student will be introduced to the Sociology of Medicine in this course. We will scrutinize the relationship of illness to class, race, sex, age, and culture. We will discuss the structure and dynamics of America's "Health-Deliver System," or the institutionalization of health care and mental health care. We will look into the consequences of government involvement into health care with special attention on Medicare, Medicaid, National Health Insurance. We will also probe the growing alternatives to professionalized medicine, namely community medicine, paraprofessionalism, self-help groups, and holistic medicine. Prerequisite: SO 101.

**SO 242 Urban Sociology****3 Crs.**

Analysis of the structures and processes that make up the form of human settlement known as the "urban community." From town, to city, to Metropolis, to Megalopolis, to Ecumenopolis. Changes in social scale, in social organization, and in culture which accompany increasing size, density and heterogeneity of urban communities. Prerequisite: SO 101.

**SO 243 Political Sociology****3 Crs.**

Analysis of the social bases of political behavior and of the impact of social structure on political organization. Discussion of empirical studies, of voting patterns, decision making, and community power with a special attention to the factors determining the amount of power exercised in a society and the degree of its concentration in formal political structures. Emphasis on political socialization in industrialized states and the issues of political development in emerging nations. Prerequisite: SO 101.

**SO 260 American Minorities****3 Crs.**

A sociological analysis of minority status and its impact on the life chances of minority group members. The course covers the whole spectrum of human diversity as reflected in the minority status of racial, ethnic, gender, age and "deviant" groups. Emphasis is given to the experiences and relationship of these groups with the dominant culture; cultural pluralism is explored as an alternative. Prerequisite: SO 101.

**SO 270 The Criminal Justice System****3 Crs.**

An introduction to the study of the criminal justice system in the United States. The emphasis is on the interrelationships of the various components of the criminal justice system, and the fundamental understanding of the concepts, controls, and processes of Criminal Justice. Prerequisite: SO 101.

**SO 271 Criminology****3 Crs.**

The nature and extent of crime; theories of causation; types of crimes and analysis of the effort to cope with criminal behavior. Prerequisite: SO 101.

**SO 275 Deviance and Social Control****3 Crs.**

Theory and research on deviant behavior with emphasis on sociological approaches to causality, societal reaction, and the social-psychology of the deviant. Function and dysfunction of deviant behavior for society and the individual. Methods and institutions of social control. Prerequisite: SO 101.

**SO 276 Juvenile Delinquency****3 Crs.**

Sociological analysis of delinquent behavior. Legal and sociological theories of causation. Prerequisite: SO 101.

**SO 277 The American Prison: Correctional Theory and Practice****3 Crs.**

Theory and practice of correctional administration: the correctional setting, administration decision-making, public relations, and current developments. Evolution of rehabilitation theory. Action oriented intervention counselling as it relates to reintegration of the returning inmate to the community. Prerequisite: SO 270 (SW 331 not required but recommended).

**SO 278 Law and Society****3 Crs.**

Analysis of the place of the legal system in society taking into consideration both the legal and sociological views. Prerequisite: SO 270.

**SO 279 Police and Society****3 Crs.**

Sociological study of the role of police in society. The law enforcement system, functions and dysfunctions for society. Problems of social control and law enforcement in a complex pluralistic society. Prerequisite: SO 270.

**SO 280 Police Organization and Management****3 Crs.**

The police as a complex social organization, its structures and processes; the organizational office, line-staff relationships, bureaucracy, authority, leadership, decision-making and communications. Prerequisite: SO 270.

**SO 281 Demography****3 Crs.**

The analysis of population: size, composition, and distribution in geographical space. Population change through fertility, morality, migration and social mobility. Planning for and projecting changes in population. Prerequisite: SO 101.

**SO 286 The Sociology of Education****3 Crs.**

Education as a social institution: problems, stresses, and tensions in relation to minority situations; education in the urban scene; and functionally and structurally within the American culture. Critique of policies, consideration of potentials and possibilities. Prerequisite: SO 101.

**SO 289 Delinquency Prevention****3 Crs.**

An analysis of society's attempts to prevent and modify delinquent behavior. The purpose of the course is to examine the assumptions, operations, and effectiveness of programs dealing with delinquency. Prerequisite: SO 276 or permission of instructor.



**SO 291 Methods of Social Research I****3 Crs.**

Offered as part of a six-credit sequence which continues with SO 391. This sequence covers the scientific method, the distinctive features of social science, and other orientations under which social research is conducted. Attention is given to exploratory, descriptive, and explanatory research designs, and to the logic of experimental, evaluation, and survey research. Also examined are measurement of social variable, data collection, quantitative analysis of data, sampling, coding of data for computer processing, packaged computer programs for data analysis, interpretation of computer output, and the characteristics of research reports. Prerequisite: SO 101 and Junior status.

**SO 297 Sociology of Religion****3 Crs.**

Origin and development of religious institutions. A sociological analysis of religion and its social significance. Prerequisite: SO 101.

**SO 303 Sociological Theories****3 Crs.**

Origins and development of sociological thought in Europe and in America in terms of its recurrent problems, its basic concepts and its relation to contemporary sociological theory. The classical sociological theorists. Prerequisite: SO 101 and Junior status.

**SO 319 Collective Behavior and Social Movements****3 Crs.**

Sociological analysis of social panic, crazes and fads, mobs, crowds, social movements, revolutions and other forms of collective behavior. Prerequisite: SO 101.

**SO 321 Contemporary Sociological Thought****3 Crs.**

This is a seminar in Contemporary Sociological Thought designed to introduce students to four of the dominant contemporary sociological perspectives: functionalism, conflict theory, interactionism, and exchange theory. The "ethnomethodological alternative" to these dominant theoretical perspectives is also covered.

**SO 328 Sociology of Complex Organization****3 Crs.**

Analysis of formal bureaucratic organizations-theory and research on structures and processes of large scale organizations in western society. Emphasis is also given to the analysis of organizational change. Prerequisite: SO 101 and a minimum of 6 or more hours in Sociology.

**SO 329 Sociology of Aging: The Life Cycle****3 Crs.**

This course introduces the student to Gerontology. It will have a Social Psychological emphasis, focusing on the human-life cycle and especially middle age, old age, death and dying. Aging will be discussed using the sociological concepts of role, identity, social networks, family relations, social status, and occupational, educational, and avocational achievement and potential. Prerequisite: SO 101 and Junior Status.

**SO 330 Aging and the Social Structure****3 Crs.**

This course addresses itself to the relationship of the aged to the major economic and political systems in America. We will ask: How have the major social institutions involved or isolated the aged, and how might they be used to further the interests of the aged? Sociological focus will be upon the employment sector, the legal system, the government, political lobbies, cities, the health establishment, and community organizations. A critique of the present programs designed for the aged is a key topic. Prerequisite: SO 101 and Junior Status.

**SO 331 Internship in Gerontology****3 Crs.****SO 332 Seminar in Gerontology****3 Crs.****SO 341 Workshop in Community Conflict****3 Crs.**

Training in the analysis of community conflicts. Practical application of the concepts, theories and methods to real conflicts in the students' communities. Students will be assigned to study conflicts in their communities and expected to make class presentations. Prerequisite: SO 101.

**SO 367 Seminar in Latin American Ways of Life****3 Crs.**

The study of the existential conditions under which most Latin Americans live and interact. The presentation of various facets of contemporary Latin American societies includes broader social phenomena such as ethnographic descriptions, kinship and network analysis, and changing relationship and increased tension between elites and masses. Prerequisite: SO 101 or AN 102 or permission of instructor.

**SO 369 Internship in Intergroup Cooperation and Conflict****3 Crs.**

Students placed for on-the-job type training in an agency or organization related to their specific interest Intergroup cooperation and conflict. Prerequisite: Completion of 12 credit hours in the core requirements for Intergroup Cooperation and Conflict and permission of the Department.

**SO 380 The Courts in Contemporary America****3 Crs.****SO 381 Society, Criminal Law, and Court Procedures****3 Crs.**

A sociological analysis of the application of criminal law in the courts. The system at work: theory and practice. Dysfunctions for society. Prerequisite or corequisite: SO 380.

**SO 390 Social Statistics****3 Crs.**

(This course is not accepted in lieu of MT 5.) Introduction to the application of basic statistical techniques in the analysis of sociological data. (Strongly recommended for those planning graduate work in Sociology.) Prerequisite: MT 2, SO 101 and Junior status.

**SO 391 Methods of Social Research II****3 Crs.**

This course continues where SO 291 ends so as to complete the curriculum content specified under SO 291. The two courses should be taken back to back as the arrangement of the components of the curriculum will vary from year to year to allow for different projects and applications. Prerequisite: SO 291 and Junior status.

**SO 395 Internship in Social Research****3 Crs.**

Participation in social research conducted and directed by faculty of the department. Prerequisite: SO 391 and Senior status.

**SO 397 Senior Seminar in Sociology****3 Crs.**

Selected topics in sociology. (Students expected to present well prepared papers or oral presentation in class.) Prerequisite: Permission of instructor and Senior status.

**SO 398 Workshop in Urban Studies****3 Crs.**

A seminar in urban studies. Prerequisite: SO 242 and Senior status.

**SO 399 Independent Study****3 Crs.**

Credits and work by special arrangement with Departmental faculty.

**GERONTOLOGY SEQUENCE IN SOCIOLOGY****Sophomore or Junior**

RS 275	Mystery of Death
SO 328	Medical Sociology (Pre-requisite SO 101)
SW 265	Social Work as a Social Institution

**Junior or Senior**

SW 267	Human Behavior and the Social Environment I
SO 329	Sociology of Aging: The Life Cycle.
SO 330	Aging and the Social Structure

**Senior Year**

SO 331*	Gerontology Internship (For Sociology Majors only)
SO 332*	Seminar in Gerontology (For Sociology Majors only)
SW 275** &	
SW 378**	Social Work Practice II & III (Social Work Majors only)
SW 379** &	
SW 380**	Social Work Practicum II & III (Social Work Majors only)

\*Not required for students majoring in Social Work.

\*\*Not required for students majoring in Sociology.

**STRONGLY RECOMMENDED COURSES**

SO 215	Social Psychology (prerequisite SO 101)
SO 260	Intergroup Relations
SO 231	Marriage and the Family
SW 266	Social Welfare Policy
SW 268	Human Behavior and the Social Environment II

**EXTRA DEPARTMENTAL COURSES SUGGESTED**

BI 101	Nature of Life
PO 213	Laws, Legislatures and Lobbyists
PS 289	Community Mental Health

**SOCIAL WORK PROGRAM**

"Social Work is concerned and involved with the interactions between people and the institutions of society that affect the ability of people to accomplish life tasks, realize aspirations and values, and alleviate distress. These interactions between people and the social institutions in which people function occur within the context of the larger societal good. Therefore, three major purposes of Social Work may be identified: a) to enhance the problem-solving, coping and developmental capacities of people; b) to promote the effective and humane operation of the systems that provide people with resources and services; and c) to link people with systems that provide them with resources, services and opportunities." (Undergraduate Social Work Curriculum Development Project)

The curriculum is designed to emphasize the acquisition by students of both analytic and conceptual skills as well as the development of interactional skills which allow students to actively implement planned change and to intervene in problem situations.

Social Work majors may undertake a concentration in social gerontology or in corrections in addition to the Social Work major requirements. This interest should be discussed with the student's major advisor as early as possible in order to plan for the inclusion of this additional educational experience.

Elective courses in various specialized fields of service may be offered from time to time.



**Major Requirements**

SO 101	Principles of Sociology
SW 215	Social Psychology: Macroprocesses Prerequisite: PS 101 General Psychology
SW 260	American Minorities
SW 171	Introduction to Social Work
SW 265	Social Welfare as a Social Institution
SW 266	Social Welfare Policy Prerequisites: 1) SO 206 Society & Economic Issues 2) PO 213 Laws, Legislatures & Lobbyists

SW 267	Human Development and the Social Environment I Prerequisite: BI 101 Nature of Life
SW 268	Human Development and the Social Environment II
SW 275	Social Work Practice I
SW 375	Social Work Practice II
SW 278	Junior Field Practicum
SW 279	Junior Field Practicum Seminar
SW 378	Senior Field Practicum I
SW 379	Senior Field Practicum Seminar I
SW 390	Research Methods for Social Work
SW 380	Senior Field Practicum II
SW 381	Senior Field Practicum Seminar II

**SW 171 Introduction to Social Work****3 Crs.**

This beginning course in Social Work is designed to give students a basic understanding of Social Work as a problem-solving response to social problems, an understanding of the institutional context of Social Work practice, and an orientation to the values, knowledge and skills which underlie this practice. The course is open to all students who are interested in finding out what Social Work is all about, and to those who are interested in exploring Social Work as a possible career choice. It is the first required course in the major. Prerequisites: Sophomore standing and SO 101.

**SW 215 Social Psychology: Macroprocesses****3 Crs.**

Emphasis in this course is on the social and cultural factors which influence individual behavior in group processes. Socialization, social interaction, social influence and conformity, decision making, attitudes and opinions, and other related topics are covered. Prerequisite: SO 101.

**SW 265 Social Welfare as a Social Institution****3 Crs.**

The underlying assumption of the Social Welfare Policy and Services sequence is that Social Welfare as a Social Institution in a democratic society is influenced by social, political, economic forces, and the pluralistic cultural traditions of American society. The sequence consists of two courses.

This first course in the sequence is designed to help students examine various aspects of the social welfare institution from both a contemporary and historical perspective. The impact of socio-economic and political forces on social welfare policies and programs as they respond to the complexities of human and social problems are examined. Emphasis is placed on the organizational context of the social service delivery system; knowledge of the concept of self-help and its relationship to other helping structures and of citizen participation; knowledge of social welfare resources and of the network of relationships between and among social agencies; and knowledge of the contribution of Social Work as a profession. Prerequisites: Junior standing—SW 171 or Permission of Instructor.

**SW 266 Social Welfare Policy & Services****3 Crs.**

The second course in the Social Welfare Policy and Services sequence builds upon the knowledge of the first course with greater focus on the process of defining social problems in the United States and analyzing the impact of policies and policy formulation on people, including an awareness of the differential impact on, and perception by, the various socio-economic classes, and the ethnic, social, religious, age and sex groups in the population. Students are to analyze and identify program and practice inadequacies and gaps, and to apply problem-solving methods to the identification of possible and feasible policy, organizational, and practice reform options. Prerequisites: Junior standing—SW 265—SO 206—PO 213.

**SW 267 Human Behavior and the Social Environment I****3 Crs.**

This is the first course of a two semester sequence intended to provide students with the theoretical resources and the beginning practice skills necessary for the identification and assessment of situations in which people need help, in enhancing their coping capacities and/or gaining access to resources, in order to meet various life tasks and to achieve their aspirations and values. Students are sensitized to the impact of the diverse influences on human development including the biological, the psychological, the socio-economic and the cultural. The first semester focuses on the development of personality structure as an adaptive mechanism which emerges in the process of interchange between the human organism and its environment. Emphasis in this first semester is on the first stages of the life cycle. Prerequisites: Junior standing—BI 101—PS 101—SO 101.

**SW 268 Human Behavior and the Social Environment II****3 Crs.**

The second semester course in the HBSE sequence focuses on the ongoing development of personality structure as an adaptive mechanism which emerges in the process of interchange between the human organism and its environment. Various theoretical perspectives useful in understanding human behavior in the social environment are analyzed and applied to assessment and intervention techniques. Emphasis in this semester is on the middle and later stages (adulthood and aging) of the life cycle. Through the content of the HBSE sequence, the student acquires an awareness and understanding of human diversity and of human systems. Prerequisite: SW 267.

**SW 275 Social Work Practice I****3 Crs.**

This course is an introduction to the generic model of social work practice. It is designed to provide students with a knowledge of social work practice components, a structural analysis of its purposes, functions, and tasks/skills components, as well as the professional value base upon which it rests. Using systems theory as a frame of reference, social work practice is analyzed as a planned change and problem-solving process. Data collection and analysis, problem assessment, goal-setting, client-system contracting, interviewing, problem-solving, referral and linkage skills are taught. Prerequisites: Junior status—SW 181. Corequisite: SW 267.

**SW 278 Junior Field Practicum****4 Crs.**

Intermediate Social Work majors (Juniors) are assigned two days per week in a human service agency where field instructors offer professional supervision. The Junior Practicum is designed to help students learn how to enter a social agency system as a professional social worker. In the context provided by agency policy and the student's contractually defined role within the agency, the student should develop facility in making contact with clients and potential clients and in linking these clients with resources both within the agency and outside the agency. Prerequisite: Departmental evaluation for admission to intermediate major status. Corequisite: SW 268 and SW 279.

**SW 279 Junior Field Practicum Seminar****2 Crs.**

The Junior Field Practicum Seminar is designed to facilitate, reinforce and support learning in the Practicum. It will guide the student in the process of directing his/her own learning, and assist in the early professional socialization of the student. Corequisite: SW 278.

**SW 375 Social Work Practice II****3 Crs.**

This second semester continues with the examination of modalities which can be used in interventions, with individuals, families, groups, communities, organizations, and service-delivery systems which began in SW 275. Emphasis is placed on the study and acquisition of practice knowledge and skills necessary to implement planned change. Theory related to practice is covered in lectures, readings, class discussions, and experiential applications. Prerequisite: SW 275. Corequisite: SW 378-379.

**SW 378-379 Senior Field Practicum****8 Crs.**

The Senior Field Practicum takes place over the entire Senior year and covers two semesters. It consists of the assignment of the degree candidates (Seniors) for two days per week in a human service agency where a field instructor offers individualized professional supervision. It provides experiential learning to help students integrate theory with practice and to develop appropriate practice skills and knowledge, along with professional identification, values, and attitudes. Opportunity is afforded to apply and test concepts and theory presented both in class and field situations. Prerequisite: Departmental evaluation for admission to degree candidacy status. Corequisite: SW 380-381.

**SW 380-381 Senior Field Practicum Seminar****4 Crs.**

These two seminars are taken also over a period of two semesters concurrently with SW 378-379. The Senior Practicum Seminars facilitate, reinforce, and support learning in the practicum. Emphasis is on the integrating of theory with practice, on understanding applications of theory from the entire curriculum to practice. These seminars help guide students in the process of directing their own learning, foster their capacity for self-evaluation and prepare them for the assumption of professional responsibility for their own practice. Corequisite: SW 378-379.

**SW 390 Research Methods for Social Work****3 Crs.**

This course is designed to give students the research skills needed to effectively support Social Work practice. Emphasis is on familiarity with the Language of research, understanding of the logic and of the conceptual tools of scientific inquiry, understanding of strategies of research designs and their uses, knowledge of evaluative research methods and of social indicators, appreciation of the relationship between research and theory to problem-solving effort in Social Work, and most important the ability to intelligently read and interpret research articles. Since some of the activities of the research course are highly integrated to the Senior Field Practicum, students must take the research course concurrently with the second semester of the Senior Field Practicum. Prerequisite: Senior status. Corequisite: SW 380-381.

**CRIMINAL JUSTICE PROGRAM****General Requirements For all CJ Majors (30 Credits)**

CJ	101	Introduction to Criminal Justice (Pre: SO 101 or PS 101)
CJ	201	Criminal Law and Procedure (Pre: CJ 101)
CJ	245	Introduction to Computer (Currently BU 245) (Not required for Police Sciences)
CJ	270	Issues and Problems in Criminal Justice (Pre: CJ 201)
SO	271	Criminology (Pre: SO 101; PS 132 highly recommended)

SO	276	Juvenile Delinquency (Pre: SO 101; PS 132 highly recommended)
SO	275	Deviance and Social Control (Pre: SO 101; PS 132 highly recommended)
SO	390	Social Statistics (Pre: MT 002; SO 101) (Not required for Police Sciences)
SO	391	Research Methods (Pre: SO 101 & Jnr. Status; SO 291 highly recommended) (Not required for Police Sciences)
CJ	200	American Constitutional Law



### Requirements for Specialization in Corrections (21 Credits)

CJ 220	Introduction to Corrections and Correctional Law (Pre: CJ 201)
CJ 221	Juvenile Correctional System (Pre: CJ 220, SO 271)
CJ 222	Adult Correctional System (Pre: CJ 220, SO 270)
CJ 223	Interviewing and Counseling (Pre: CJ 220)
CJ 320	Correctional Administration and Management (Pre: BU 201, CJ 220)
CJ 321	Probation, Parole, Pardon: Procedures & Supervision (Pre: CJ 320)
CJ 390	Internship in Correction (Senior status and permission by Department)

### Requirements for Specialization in Law Enforcement (18 Credits)

CJ 230	Introduction to Law Enforcement (Pre: CJ 201)
CJ 231	Police and Society (Pre: CJ 270, CJ 230)
CJ 235	Arrest-Search-Seizure (Pre: CJ 230)
CJ 330	Police Community Relations (Pre: CJ 231)
CJ 333	Investigation in Law Enforcement (Pre: CJ 235)
CJ 335	Contemporary Police Issues and Problems (Pre: CJ 231)

#### CJ 101 Introduction to Criminal Justice

3 Crs.

A basic course designed to provide the student with an overview of the criminal justice system and its processes. The system is studied as a total interacting body: police, parole, probation, law enforcement, courts, corrections, and diversion programs. Prerequisite: SO 101, PS 101.

#### CJ 200 American Constitutional Law

3 Crs.

The development of the Constitution through interpretations of the Supreme Court. A study of civil rights and civil liberties. Prerequisite: CJ 101.

#### CJ 201 Criminal Law & Procedure

3 Crs.

Substantive aspects of criminal law emphasizing statutory criminal law against background of common law. Examination of the purpose and goals of criminal law and a study of the historical development of its basic concepts. Prerequisite: CJ 101.

### Sub-Specialization in Police Administration and Management (6 Credits)

CJ 238	Police and Patrol Administration and Management (Pre: BU 201, CJ 230)
CJ 339	Police Personnel Administration and Supervision (Pre: BU 207, CJ 238)

### Sub-Specialization in Police Science (12 Credits)

CJ 232	Introduction to Police Science (Pre: CJ 230)
CJ 233	Investigative Techniques (Pre: CJ 232)
CJ 234	Forensic I (Pre: BI 31, 32, CH 7)
CJ 334	Forensic II (Pre: CJ 234)

### Recommended Electives

AN 102	Cultural Anthropology
PH 252	Philosophy of Value
PH 253	Philosophy of Law
PO 211	Federal Government
PO 212	State and Local Government
PS 132	Adjustive Behavior
PS 241	Psychology of Personality
PS 272	Adolescent Development Psychology
PS 311	Abnormal Psychology
SO 215	Social Psychology: Macroprocesses
MT 005	Probability and Statistics
OR 012	Introduction to Management Science
BU 309	Problems in Personnel Administration
BU 310	Personnel Seminar
EC	The Economy of Crime

#### CJ 220 Introduction to Corrections & Correctional Law

3 Crs.

This course acquaints the student with the entire concept of corrections, including the historical development of control of human behavior in society, the present day concerns of rehabilitation of felons and misdemeanants, including supervised probation, institutionalization, parole, and other release procedures. Treatment approaches in corrections for adults and juveniles, private correctional organizations, and correctional administration are included to help students to determine whether corrections may offer them a rewarding career. A study of the principles and practices of law as it applies to those persons confined in city, county, state, and federal detention facilities. Established guidelines as set forth by the U.S. Supreme Court decisions are covered. Prerequisite: CJ 201.

#### CJ 221 The Juvenile Correctional System

3 Crs.

This course includes a survey of juvenile correctional institutions. Community treatment programs and juvenile probation and after care are included. Prerequisite: CJ 220, SO 271.

**CJ 222 The Adult Correctional System** 3 Crs.

This course includes a survey of adult correctional programs. Probation and parole service along with Board of Pardon and Parole are included. Prerequisite: CJ 220, SO 270.

**CJ 223 Interviewing and Counseling** 3 Crs.

Practice oriented course designed to provide the student with the basic techniques of counseling, as well as with an understanding of the structure and development of the counseling process. Prerequisite: CJ 200.

**CJ 230 Introduction to Law Enforcement** 3 Crs.

This course acquaints the student with the law enforcement system in the United States. The course includes police activities and their relationship to the criminal justice system. Prerequisite: CJ 201.

**CJ 231 Police and Society** 3 Crs.

Sociological study of the role of police in society. The law enforcement system, functions and dysfunctions for society. Problems of social control and law enforcement in a complex pluralistic society. Prerequisite: CJ 270, CJ 230.

**CJ 232 Introduction to Police Science** 3 Crs.

This course covers the fundamentals of police science. It involves basic principles, theory, and application of police sciences in investigative assignments. Prerequisite: CJ 230.

**CJ 233 Investigation I** 3 Crs.

A study of investigative techniques including gathering, evaluating, and presenting physical evidence. The procedures for taking and using fingerprints and photographs are covered. Identification of tools and weapons also included. Prerequisite: CJ 232.

**CJ 234 Forensic I** 3 Crs.

This is an introduction to Forensic Science. It deals with the scientific analysis and identification of evidence, identification of documents, interpretation of medical reports, and preparation of reports. Prerequisite: BI 031, BI 032, CH 007.

**CJ 238 Police and Patrol Administration and Management** 3 Crs.

A detailed examination of the unit of government. Formulation of policies, practices, and procedures for the internal and external direction and control of the law enforcement agency are emphasized.

A study of patrol as the basic function of police operations. The responsibilities, purposes, methods, types, and procedures of patrol. The administration of the patrol service, determination of patrol complement and assignment. Elements of protection of life, preservation of property, and suspension of crime. Prerequisite: BU 201, CJ 230.

**CJ 270 Issues and Problems in Criminal Justice** 3 Crs.

Description and analysis of crucial issues and problems relating to selected structures and processes in the criminal justice system. Review and analysis of recent studies concerning criminal justice. Prerequisite: CJ 201.

**CJ 320 Correctional Administration and Management** 3 Crs.

A study of the principles and practices applied to administration and management within the field of Corrections. Investigation of interrelationship between organizational behavior and treatment programs. Examination of factors involved in correctional decision-making and innovative management techniques through lectures and readings. Prerequisite: BU 201, CJ 220.

**CJ 321 Probation, Pardon, and Parole Procedures & Supervision** 3 Crs.

This course is designed to teach the application of probation, pardon, and parole methods for both juveniles and adults. An analysis will be given to the most effective methods and techniques as they apply to these services.

Historical and philosophical overview of the theory and theories behind diversion from the criminal justice system; the legal framework; critical appraisal of alternative community treatment programs; analysis and evaluation upon the correctional process. Prerequisite: CJ 320.

**CJ 330 Police-Community Relations** 3 Crs.

The role of the individual officer or agent in achieving and maintaining positive public response, intergroup relations and public information. Prerequisite: CJ 231.

**CJ 333 Investigation II** 3 Crs.

An analysis of the relationships of investigative units with other law enforcement units and agencies; source of information; methods of surveillance; and preliminary and follow-up investigations. Preparation and presentation of comprehensive reports of investigations are covered. Prerequisite: CJ 235.

**CJ 334 Forensic II** 3 Crs.

This second semester in Forensic Science deals with the role and the problems of Forensic Science in the administration of justice. This involves case studies of investigative techniques, practices and procedures, with emphasis on scientific application thereto. Prerequisite: CJ 234.

**CJ 335 Contemporary Police Issues and Problems** 3 Crs.

A seminar concerning the identification and understanding of police problems in modern law enforcement. Prerequisite: CJ 231.

**CJ 339 Police Personnel Administration and Supervision** 3 Crs.

A study of the procedures and techniques related to selection, placement, classification, pay, evaluation and discipline of police personnel. Detailed discussion of the responsibilities of first-level supervisors in management including employee motivation and morale, employee relations, employee health and safety, work analysis, and grievance procedures. Prerequisite: BU 207, CJ 238.

**CJ 390 Internship in Correction** 3 Crs.

Prerequisite: Senior Status, Dept. Permission

**CJ 397 Senior Seminar in Criminal Justice** 3 Crs.



## FACULTY (Listed according to seniority in rank)

### Professors

- \***JOHN L. MAHAR**, Professor—History, Director—Center for Ethnic Studies: B.A., St. Francis College; B.S., Kings Point U.S. Merchant Marine Academy; M.A., Marquette University; Ph.D., University of Wisconsin
- \***RAOUL A. DEVILLIERS**, Professor—Mathematics/Operations Research/Computer Science, Chairperson—Department of Mathematics/Operations Research/Computer Science: Ph.D., Dr. of Physico-Math-Sc., University of Havana; Rutgers, The State University of New Jersey; University of Georgia; Faculty Fellow, University of Kentucky
- CHARLES E. FORD**, Professor—Education, (Academic Vice President and Provost) B.S., Temple University; Ed.M., St. Louis University; Ed.D., Washington University; University of Michigan
- \***ANTHONY V. PINCIARO**, Professor—Chemistry, Chairperson—Department of Chemistry/Physics: B.S., Fairfield University, M.S., Boston College; Ph.D., Fordham University
- \***H. ARLISS DENYES**, Professor—Biology, B.A. (Honours), Queen's University, Canada; M.S., Ph.D., University of Michigan
- \***CLAUDE I. MCNEAL**, Professor—English/Drama: B.S., Boston University; M.F.A., Yale University; Doctoral Studies, University of Denver
- \***DONALD W. BRODEUR**, Professor—Psychology, Department of Psychology: B.S., M.S., Ph.D., Fordham University
- \***CHARLES W. HARPER**, Professor—Business, Chairperson—Department of Business Administration: B.A., University of Maryland; M.S., George Washington University
- THOMAS P. MELADY**, Professor—Political Science: (President), B.A. Duquesne University; M.A., Ph.D., Catholic University of America; Honorary: LL.D., Villanova University, Xavier University of Louisiana, Manhattan College, University of Scranton; Litt.D., Duquesne University; Doctor of Humane Letters, Canisius College, St. Michael's College; LH.D., DePaul University
- \***VIRGINIA ZIC**, Professor—Art, Chairperson—Department of Art & Music: Ph.B. DePaul University; Xavier College; St. John's Cleveland; University of Notre Dame, South Bend; M.A., Villa Schifanoia Graduate School of Fine Arts, Italy; School of the Art Institute, Chicago; M.F.A., Syracuse University
- \***MARIANN RUSSELL**, Professor—English: B.A., St. John's University; M.A., Ph.D., Columbia University; Post-Doctoral, Columbia University
- \***LELAND R. ROBERTS**, Professor—Music, Program Director—Music: B. Mus. Ed., M. Mus. Ed., University of Kansas; doctoral studies, University of Iowa
- \***GEORGE F. R. MILLER**, Professor—Business, Program Director—Marketing: B.I.D., M.B.A., Syracuse University
- \***LEONARD N. PERSSON**, Professor—Business, Program Director—M.B.A., Director of Computer Center: B.A., M.S., University of Bridgeport; Ed.D., Teachers College, Columbia University
- \***MARIA-TERESA TORREIRA TENORIO**, Professor—Modern Languages Chairperson—Department of Modern Foreign Languages: B.A., Na Sra del Sagrado Corazon, Madrid; M.A., Social Institute Leo XIII, University of Madrid; Ph.D., University of Madrid

### Professors Emeriti

- ELIZABETH M. KELLY**, Professor Emeritus—Psychology, B.A., M.A., New York University; Ph.D., Fordham University; Teachers College—Columbia University; Yale University; Montclair State Teachers College
- MARCELLA C. MALLOY**, Professor Emeritus—Modern Languages, B.A., Northwestern University; University of Illinois; Chicago Teachers College; University of Mexico; M.A., University of Chicago; doctoral studies, New York University
- MARIA S. QUINTERO**, Professor Emeritus—Modern Languages, Bach. Ltr. & Sci., Official Government Institute of Havana; Dr. Ed en Filos
- AMOS NANNINI**, Professor Emeritus—Mathematics: B.A., University of Pisa, Italy; Dottore in Matematica, University of Pisa, Italy

### Associate Professor Emeritus

- ALICE F. PRZYBYLSKI**, Associate Professor Emeritus—Music, B.M., Alverno College of Music, Wisconsin State Teachers College; N.M., University of Notre Dame; doctoral studies, New York University

### Associate Professors

- \***JAMES L. WIELAND**, Associate Professor—Religious Studies: B.A., M.A., University of Notre Dame; doctoral program at Fordham University and The Catholic University of America
- \***JACQUES M. VERGOTTI**, Associate Professor—History and Political Science: B.S., Physics, Lycee Real I Mesota Brasov, Romania; M.A., Law, Bucharest University; M.A., Pol. Sci., Columbia University; Ph.D., Soc. and Pol. Sci., University of Lausanne, Switzerland
- \***TANIA VON YORK**, Associate Professor—Sociology: B.A., Barnard College; M.A., Ph.D., Yale University
- \***EDWARD J. BORDEAU**, Associate Professor—Philosophy: Ph.B., University of Montreal; M.A., Ph.D., Fordham University
- \***WILLIAM T. GNEWUCH**, Associate Professor—Biology, Chairperson—Department of Biology: B.A., Marquette University; M.A., Duke University; Ph.D., University of New Hampshire; Colorado State University
- \***RALPH L. CORRIGAN, JR.**, Associate Professor—English: B.A., Iona College; M.A., Ph.D., Fordham University
- \***WALTER E. BROOKS**, Associate Professor—Religious Studies, Chairperson—Department of Religious Studies: B.A., Boston College; M.A., Ph.D., Fordham University
- \***PAUL SIFF**, Associate Professor—History, Chairperson—Department of History/Political Science: B.A., Brooklyn College; Ph.D., University of Rochester
- \***ARTHUR J. BRISSETTE**, Associate Professor—Business, Program Director—Accounting, Finance and Banking: B.S.C., Loyola University; M.B.A., Northwestern University; doctoral studies, New York University



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**JOSEPH A. GRAU**, Associate Professor—Religious Studies, Director of Center for Social Progress: Holy Cross College; A.B., Ph.L., St. Louis University; S.T.L., St. Louis University Divinity School; M.A., Marquette University; Ph.D. (S.T.D.), The Catholic University of America

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## Assistant Professors

**\*JOHN A. CROFFY**, Assistant Professor—Mathematics (Vice President and Dean of Students): B.A. (Administration/Supervision), M.A. (Administration/Supervision), M.A. (Guidance) Seton Hall University; Columbia University; Honorary: D.Sc. Bridgeport Engineering Institute

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**JOHN E. JALBERT**, Assistant Professor—Philosophy: B.A., The University of San Francisco; M.A., Duquesne University; doctoral candidate, Duquesne University

\*Tenured Faculty



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**BABU GEORGE**, Assistant Professor—Chemistry: B.Sc., M.Sc., University of Kerala, India; M.S., Niagata University; Ph.D., University of New Mexico

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## Instructors

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**REGINA A. ROH**, Instructor—Business: B.S., University of Dayton; Pace University

## Adjunct Professors

**GEORGE C. DEECKEN**, Adjunct Professor—Business (Accounting): B.S., New York University School of Commerce; Harvard Graduate School; CPA

**JOAN I. FARCUS**, Adjunct Professor—Business (Legal Assistant): B.A., University of Bridgeport; J.D., Suffolk University Law School

**GIUSEPPE FRIERI**, Adjunct Professor—Italian: B.A., The City College of New York; M.A., University of California Los Angeles; doctoral studies, Rutgers University

**DONALD P. GRAY**, Adjunct Professor—Religious Studies: B.A., St. Michael's College, University of Toronto; M.A., Notre Dame University; Ph.D., Fordham University/Union Theological Seminary

**HAROLD E. JOHNSON, JR.**, Adjunct Professor—Psychology: B.A., University of Miami; M.S., University of Bridgeport; Psychiatric Internship, Harvard Medical School

**RENE A. PEREZ-AMARGOS**, Adjunct Professor—Spanish: Bachelors, Licentiate in Administrative Law, Licentiate in International Law; Ph.D., University of Havana; Masters in Spanish, Southern Connecticut

**CLARKE D. YOUNG**, Adjunct Professor—Business Management: B.A., Pennsylvania State College; M.B.A., Harvard University Business School

## Adjunct Associate Professors

**EDWARD W. ACUNA**, Adjunct Associate Professor—Art: B.F.A., Art Center College, Pasadena, CA

**RUTH A. BAUMGARTNER**, Adjunct Associate Professor—English: B.A., Dickinson College; M.A., University of Rochester; doctoral studies, University of Rochester

**MICHAEL BOZZONE**, Adjunct Associate Professor—English: B.A., M.A., Fordham University A.B.D., Fordham University

**THOMAS W. BUCCI**, Adjunct Associate Professor—Business (Legal Assistant): B.A., Sacred Heart University; J.D., University of Connecticut

**PAUL E. CAHILL**, Adjunct Associate Professor—English/Speech: B.A., Adelphi University; M.A., Fairfield University

**JAMES R. CAMPBELL**, Adjunct Associate Professor—Art: B.A., Art Center College of Design, L.A.

**CHRISTOPHER B. CARVETH**, Adjunct Associate Professor—Business (Legal Assistant): B.A., University of Bridgeport; University of Notre Dame Legal Center, London; J.D., Catholic University of America

**LILA V. CHANNING**, Adjunct Associate Professor—Business Law: B.A., J.D., University of Michigan

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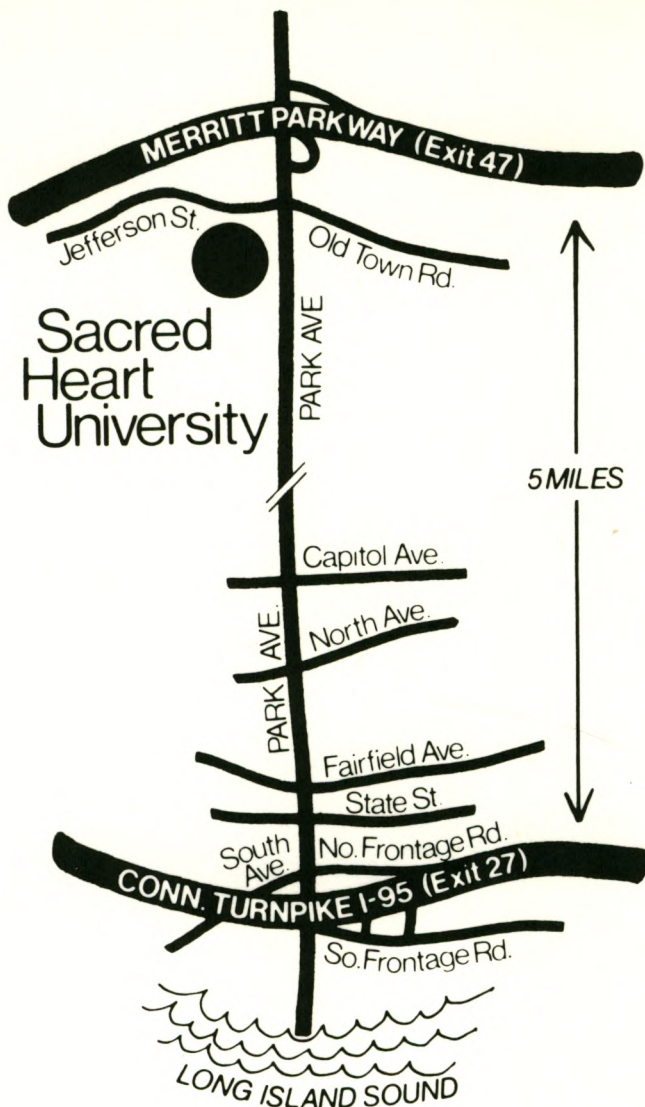
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## Directions

### From Connecticut Turnpike (I-95)

#### Exit 27 (Traveling West)

Continue straight ahead off exit ramp (North Frontage Road)  
 North Frontage Road to Park Avenue  
 Right on Park Avenue, 5 miles to Sacred Heart University

#### Exit 27 (Traveling East)

2nd Left (Lafayette Boulevard)  
 1st Left under turnpike bridge onto North Frontage Road  
 North Frontage Road to Park Avenue  
 Right on Park Avenue 5 miles to Sacred Heart University

### From Merritt Parkway

#### Exit 47 (East or West)

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