Sacred Heart University
BRIDGEPORT, CONNECTICUT

A Commuter Co-educational University

Administered And Staffed By The Laity

Bulletin No. 4 1969-1970
COMMUNICATION DIRECTORY

COMMUNICATE WITH THE
President

IN MATTERS PERTAINING TO
General welfare and policy of the University

Vice-President

Public relations and development

Dean

Academic standing of students, faculty inquiries, degree requirements, academic regulations

Dean of Students

Admission of students, student activities, student personnel records, counseling

Registrar

Transcripts and academic records, catalog requests

Director of Placement

Graduate placement (including teacher placement), part-time and summer employment

Director of Financial Aid

Information on scholarships, loans and financial assistance

Director of Athletics

Intercollegiate and Intra-mural Athletics

Business Manager

Payment of tuition, fees and loans, Buildings and Grounds and Auxiliary Enterprises

Post Office Address

Sacred Heart University
Bridgeport, Connecticut 06604

Telephone number

374-9441
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Vice-President

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Dean of Faculty

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Librarian

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Dean of Students

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Business Manager

DOUGLAS J. BOHN, B.S., M.S.
Registrar

ACCREDITATION

Sacred Heart University is accredited by the Department of Education of the State of Connecticut, is a recognized candidate for accreditation by the New England Association of Colleges and Secondary Schools, and is an associate member of the Association of American Colleges.
FACULTY

ACADEMIC YEAR

1968-69

Dorothy I. Anger   Instructor—Physical Education
B.S., Russell Sage College; Springfield College; M.S., University of Bridgeport

April Oursler Armstrong   Assistant Professor—Religious Studies
B.A., Bryn Mawr; M.A., Fordham University; doctoral candidate, Fordham University

Ellen M. Balthazor   Instructor—English
B.A., St. Norbert College; M.A., Marquette University

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Registrar
B.S., M.S., Marquette University; doctoral studies, New York University

Edward James Bodeau   Assistant Professor—Philosophy
Ph.B., University of Montreal; M.A., Fordham University; doctoral candidate, Fordham University

Arthur J. Brissette   Assistant Professor—Business Administration
Chairman—Department of Business Administration
B.S.C., Loyola University-Chicago; M.B.A., Northwestern University; doctoral studies, New York University

Donald W. Brodeur   Assistant Professor—Psychology
B.S., Phar. Fordham University; M.A., Ph.D. Fordham University

Walter E. Brooks   Instructor—Religious Studies
B.A., Boston College; M.A., Fordham University; doctoral studies, Fordham University

Joanmarie Burnham   Instructor—Psychology
B.S., University of Rochester; M.A., New School for Social Research; doctoral studies, New School for Social Research

Marian Calabrese   Lecturer—English—Communication Arts
B.A., M.A., State University of New York at Albany

Thomas J. Calabrese   Instructor—Business Administration
Coordinator of Evening and Community Programs
Villanova University; B.B.A., M.B.A., Adelphi University

Ronald Champagne   Instructor—Mathematics
B.A., Duquesne University; M.A., Catholic University of America; doctoral studies, Fordham University

Ronald J. Chriss   Assistant Professor—Chemistry
B.S., Siena College; M.S., Ph.D., University of Connecticut; Post doctoral studies, University of New Hampshire

John M. Cianci   Instructor—Biology
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Ella Callista Clark   Professor—Education
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HERBERT C. CLISH

Professor—Education
Chairman—Department of Education
Dean of Faculty

B.S., A.M., Ed.D., Columbia University; LL.D., St. Mary’s College,
California; Sci.D. in Ed., St. John’s University

DEAN A. COLAIANNI

Instructor—Religious Studies
B.A., Maryknoll College; M.A., Maryknoll Seminary

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Fordham University

JOHN A. CROFFY

Assistant Professor—Mathematics
Dean of Students
B.S., M.A.(Adm.), M.A.(Guidance), Seton Hall University; Columbia University

CHARLES R. CYR

Instructor—English
A.B., Marquette University; M.A., Northwestern University

THOMAS DAY

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B.A., St. Francis; M.A., Franciscan Institute, St. Bonaventure University;
doctoral studies, Franciscan Institute, St. Bonaventure University

RICHARD CLARKE DEANGELIS

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B.S.S., M.A., Fairfield University; doctoral studies, St. John’s University

H. ARLISS DENYES

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B.A. (Honours) Queens University, Canada; M.S., Ph.D., University of Michigan

FRANCIS P. DESTEFANO

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B.A., Fordham University; M.A., Columbia University; doctoral studies,
Fordham University

RAOUl A. DE VILLIERS

Professor—Mathematics
Chairman—Department of Mathematics
Ph.D., Dr. of Physico-Math-Sc., University of Havana; Rutgers—The State
University of New Jersey; University of Georgia

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B.A., Universite Catholique de Louvain; St. Mary’s Sem. and University;
M.S., Simmons College

RONALD DILORENZO

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Boston University; Fairfield University; Southern Connecticut State College  
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GIUSEPPE N. FRIERI  
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ENRICO D. FRISONE  
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Chairman—Department of Modern and Classical Languages  
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B.A., M.A., Wayne State University; Ph.D., Northwestern University  
*Deceased - December, 1968

ROBERT JOHN SABO  
B.S.S., Fairfield University; L.L.B., St. John's University School of Law

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B.S., College of Mount St. Vincent; M.S., Fordham University

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VICTOR M. SOLOMON**  
B.A., Yeshiva University; M.A., Hunter College; S.T.D., Temple University;  
S.T.M., New York Theological Seminary

**Leave of Absence

JONATHAN C. STOCK  
B.A., Bowdoin College; M.A., Trinity College, Hartford;  
M.Litt., Trinity College, Dublin
JAMES F. STRASSMAIER  
*Assistant Professor—History*  
B.A., Gonzaga University; M.A., Loyola University - Chicago; Fulbright  
Research Fellow, University of Münster and University of Heidelberg;  
doctoral studies, Loyola University

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B.A., Rosary College; M.S., Loyola University - Chicago

THOMAS M. TOLE  
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BSCE., Marquette University, Milwaukee; MBA., Marquette University

MARIA-Teresa TORREIRA TENORIO  
*Assistant Professor—Modern Languages*  
B.A., N. Sra. Del Sagrado Corazon; M.A., University of Madrid; Instituto  
de Cultura Hispanica (Madrid); Social Institute Leo XIII (Madrid);  
doctoral studies, University of Madrid

CHRISTIANE TRINH  
*Instructor—Modern Languages*  
B.A., Baldwin Wallace College; M.A., (French) Marquette University;  
M.A., (German) Middlebury College

JACQUES M. VERGOTTI  
*Associate Professor—History*  
Baccalaureat, Brasov; M.A., University of Bucharest, Rumania; M.A. Pol. Sc.,  
Columbia University, New York; Ph.D., Pol. Sc., University of Lausanne,  
Switzerland

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A.A., Junior College of Connecticut; B.A., Barnard College;  
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B.A., Brooklyn College; M.S., Yeshiva University

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Chairman—Department of Religious Studies  
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School of George Washington University; L.L.B., George Washington  
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VIRGINIA F. ZIC  
*Instructor—Art*  
Ph.D., DePaul University College; Xavier College; Art Institute-Chicago;  
Notre Dame University; M.A., Instituto Pio XII, Florence, Italy

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STUDENT PERSONNEL STAFF

John A. Croffy, B.S., A.M. ........................................ Dean of Students
C. Raymond Hughes, A.B., M.S. ..................................... Dean of Men
Genevieve A. Flaherty, A.B., A.M. ............................... Dean of Women
Rev. John B. Giuliani, A.B., A.M. ................................. Chaplain
William J. Dean, B.A. ........................................... Admissions Counselor
William F. Grant, B.S. ............................................. Director of Placement
Director of Financial Aid

Thomas J. Calabrese, B.B.A., M.B.A.  
Coordinator of Evening Programs

LIBRARY STAFF

Richard A. Matzek, A.B., M.A.L.S. .............................. Head Librarian
Roch-Josef DiLisio, B.A., M.S. ................................... Librarian
Mary L. Kao, B.L.L., M.L.S. ....................................... Librarian
Georgia M. Mansbridge, A.B., M.S. ............................. Librarian
Dorothy E. Siegfried, B.A., M.S. ................................ Librarian

ATHLETIC STAFF

J. Donald Feeley, B.S., M.S. ..................................... Director of Athletics
Varsity Basketball Coach
Golf Coach

James Martin, B.S., M.S. ........................................ Varsity Baseball Coach
Assistant Basketball Coach

Frank Peters, B.A., M.A. ......................................... Varsity Soccer Coach

Charles Milot, B.S., M.S. .................................... Varsity Cross Country Coach
ACADEMIC CALENDAR

1969

Thursday, January 2       Classes resume.
Monday, January 20 through Semester examinations.
Tuesday, January 28
Wednesday, January 29     Semester recess begins.
Monday, February 3        Spring semester begins.
Monday, March 24 through  Mid-semester examinations.
Friday, March 28
Thursday, April 3 through Easter recess begins after last class.
Monday, April 14
Thursday, May 15          Ascension Thursday. No classes.
Monday, May 26 through    Semester examinations.
Wednesday, June 4
Saturday, June 7          Commencement.
Monday, June 9 through    Summer Session registration.
Wednesday, June 11
Friday, June 13
Monday, June 16           Summer session begins.
Friday, July 4             Fourth of July. No classes.
Friday, July 25            Final examinations. First summer session ends.
Monday, July 28           Second Summer Session begins.
Friday, August 15         Feast of the Assumption. No classes.
Friday, August 29         Final examinations. Second Summer Session ends.
Monday, September 8       Freshman Orientation begins.
Thursday, September 11    Registration for day classes.
through Monday, September 15
Wednesday, September 17   Classes begin.
Monday, November 10       Mid-semester examinations.
through Friday, November 14
Wednesday, November 26  
Thanksgiving Recess begins after last day class.

Monday, December 1  
Classes resume.

Monday, December 8  
Feast of Immaculate Conception. No classes.

Tuesday, December 23  
Christmas Recess begins after last class.

1970

Monday, January 5  
Classes resume.

Monday, January 19  
Final examinations.

Wednesday, January 28  
Semester Recess begins.

Thursday, January 29  
Spring Semester begins. Classes resume.

Tuesday, February 3  
Mid-semester examinations.

Friday, March 20  
Easter Recess begins after last day class.

Thursday, March 26  
Classes resume.

Wednesday, April 1  
Ascension Thursday. No Classes.

Thursday, May 7  
Final Examinations.

Monday, May 25  

Wednesday, June 3  
Commencement.

Saturday, June 6
History and Character

The idea of a diocesan university for Bridgeport was conceived by the Most Rev. Walter W. Curtis in early 1962. He appointed a Board of Incorporators to plan and establish the new institution.

In February of 1963 Sacred Heart University was chartered by the State of Connecticut and received its first freshman class in September of that year. Plans were made to add one year each September, and the full four year cycle was achieved in 1967.

Sacred Heart preserves the historical character and tradition of Christian education and adapts its program and methods to the needs of modern life. Concerned primarily with the intellectual, moral and spiritual development of its students through liberal education, it offers specific preparation in business and teaching.

Sacred Heart is a commuter university. By making higher education available to students in the home community, this type of university reduces the financial burden of supporting a home away from home and makes it possible for the family to continue as a unit while sons and daughters attend college.

THE LAY COLLEGE

Sacred Heart University is unique among Catholic schools in that it is the only coeducational commuter institution of higher learning administered and staffed by laymen.

OBJECTIVES

Sacred Heart University derives its objectives from the philosophy of Christian education in twentieth century America. It exists to assist men and women to develop completely as human persons in an environment which recognizes both the supernatural and the natural. Specifically its objectives are:

1. Intellectual development of its students through an integrated program of liberal education with concentration in a particular academic field. By introducing the student to the principal fields of knowledge, it seeks to help him develop his powers to know, judge, and reason, to analyze and synthesize, to discriminate, discern and appreciate.


3. Career preparation for business, for teaching, and for the areas in which liberal arts are applicable to the diversified needs of society. The study and analysis of principles and skills are supplemented where appropriate by practical experience.
The Programs

BACHELOR OF ARTS PROGRAM

The Bachelor of Arts program encompasses a four year sequence of courses introducing the student to the principal fields of knowledge, the methodologies of the fields, and to study in some depth in one area of knowledge.

In order to meet the realities of modern life provision is made for training in occupations which require intellectual development and which in themselves are sufficiently complex and abstract to justify inclusion in a college curriculum.

TEACHER EDUCATION PROGRAM

The Teacher Education Program recognizes the contribution a college such as this one can make in preparing its graduates for high quality performance as instructors on elementary and secondary school levels.

In addition to the regular curriculum leading to a Bachelor's degree, the student in the Teacher Education Program takes a sequence of courses which will qualify him or her for certification.

ASSOCIATE IN ARTS PROGRAM

Sacred Heart University recognizes an obligation to provide educational opportunities for high school graduates who show potential for higher education yet whose previous achievement has not given evidence of probable success in the four year course. The objectives of the Associate in Arts program are in harmony with the stated goals of the University—intellectual development, moral and spiritual growth, and career preparation. Specifically it provides:

1. Two year programs for those who desire post high school education but not a baccalaureate degree.
2. Terminal occupational training at a sub-professional level such as junior accounting and business.
3. Opportunities for students with latent talents to make up deficiencies and indicate capability of proceeding to the bachelor's program.

SPECIAL PROGRAMS

Qualified adults who meet the standards of the University, but who have not completed the customary program for admission to the University, may be accepted for special programs of study. The decision in each case will be made by the Admissions Committee after the applicant has been interviewed by the Dean of Students.
EVENING PROGRAM

Through evening and Saturday morning classes Sacred Heart University offers an opportunity for men and women to attend credit or non-credit courses presented by the regular faculty and specialists in various fields of learning.

It is possible for any qualified adult to achieve either a Bachelor or Associate degree by completing one of the prescribed programs.

Additional information or schedules of courses can be obtained from the Admissions Office.

DAY-TIME PROGRAM OF CONTINUING EDUCATION

This program of studies has been arranged for persons, particularly housewives, who wish to take college courses and work for a degree, but who are restricted by their inability to spend the total customary number of hours on the campus. Classes will be provided for them between 10:00 a.m. and 2:00 p.m. and all the services of the University will be available to them.

This program is most appropriate for women who have had some college work, but who interrupted the pursuit of a degree during the customary college age. An evaluation of credits will be made for each person in accordance with requirements of the curricula at Sacred Heart.

Applicants are requested to call the Dean of Students and make an appointment to talk with him.

NON-CREDIT COURSES

A selection of courses designed to enhance the cultural and social development of adults are conducted by regular members of the faculty and by visiting lecturers. These courses run for eight weekly sessions of seventy-five minutes, offer no college credit, and generally require no special academic background.

Announcements of these and other programs can be obtained by writing to or calling the General Office.

TRI-UNIVERSITY COOPERATIVE PROGRAM

Beginning with the Fall Semester of 1966, Sacred Heart University embarked upon a cooperative program with her neighboring sister institutions—Fairfield University and the University of Bridgeport.

In academic areas it is possible for a matriculated student at one of the three universities to take courses at either or both of the others with permission of the deans. All convocations are open to any student.

EUROPEAN STUDY PROGRAMS

Through a special arrangement students in most liberal arts fields may do part of the work in their major field in European universities.

In previous academic years students have attended University College in Dublin, Eire, and the University of Manchester in England.
The Library

The Sacred Heart University Library is a three story structure located on the north end of the campus. This contemporary building, completed in Fall, 1968, provides reader accommodations for 545 students and can hold over 190,000 volumes. It is carpeted and air-conditioned with a number of special facilities for audio-visual and instructional services.

The Library collection includes over 51,000 volumes and 700 periodical subscriptions. Back issues of periodicals are both in bound volumes and in microform for which microfilm and microfiche readers and reader-printers are provided. A collection of over 600 phonograph records is available for student use. There are facilities for typing and for the listening of records and tapes in a multi-channel system and at individual stations. A lecture hall with separate entrance provides 246 seats for gatherings and audio-visual programs.

The library staff consists of five graduate librarians assisted by a clerical staff of fifteen. Library hours: 8:00 a.m. to midnight, Monday through Thursday; 8:00 a.m. to 5:00 p.m., Friday; 9:00 a.m. to 5:00 p.m. Saturday; 2:00 p.m. to 10:00 p.m., Sunday. Holiday and vacation hours are posted.

The full services, regulations and suggestions for use of the Library are detailed in a brochure “Introducing Your New Sacred Heart University Library” available at the main desk in the Library.

Radio Station WSHU-FM

Sacred Heart University owns and operates its own radio broadcasting station, WSHU-FM. Although you may see the WSHU-FM banner and microphones at basketball games and other university functions, the station can be heard in places other than the SHU campus. Now entering its fifth year on the air, WSHU-FM serves all of Fairfield County and surrounding areas in New York and Connecticut every day, except Sunday, from 11:00 a.m. until 10:00 p.m. at 91.1 on the FM radio dial.

The station itself is staffed entirely by students from the university who work with various faculty members to write, produce and air a variety of programs. These include the finest in popular, classical, folk and jazz music, hourly reports of news from the Associated Press and an array of public service and educational programs.

Students are prepared for Federal Communications Commission licenses and are given a choice of assignments in engineering, producing or announcing areas.
Student Personnel Services

An extensive and comprehensive program of student personnel services stresses the importance of the individual and strives to help each student develop himself spiritually, intellectually, emotionally, socially and physically.

The student makes his initial contact with these services when he applies for admission. At this time the University will be interpreted to the candidate, to his family and to his high school. Its requirements will be explained; its ability to satisfy his educational and social needs will be explored; its philosophy as a liberal arts college will be identified.

When the applicant has met the admission standards and has been accepted, the letter notifying him of his entrance to the University family initiates a flow of correspondence which will help him to prepare for September. At the beginning of the summer he receives a reading list compiled by the Orientation Committee. Subsequently he is sent the orientation schedule, and, during August, he is provided with a list of fellow commuters from his community or area.

As an aid to his initial program selection and proper placement, each entering student is required to take a battery of standardized tests and inventories. These are administered on various dates in the late spring and summer and are normally completed in one day. The results of the tests become part of his personal file and are used for general educational and personal counseling.

ORIENTATION

During the ten days immediately preceding the beginning of classes, entering students are given a carefully planned introduction to their new academic life. The period starts with spiritual reflection and conferences, combined with lectures from experts on the good and full life.

In subsequent days the freshmen meet the University’s administrators, department chairmen, faculty representatives and student leaders. They go through the registration process, participate in seminars on their summer reading, are entertained by student organizations and enjoy their first social functions.

COUNSELING

From the first day of class the student is considered to be an adult, capable of making his own decisions, but requiring the advice of experienced faculty and administrative personnel in order that he may have adequate evidence to make a correct judgment. The discipline pattern is self-imposed, and is based upon the concepts of the dignity of man and of mutual respect in a Christian community.

The Dean of Students, the Dean of Men, and the Dean of Women have the primary responsibility for advising all students. In addition, each freshman is assigned to a faculty member who acts as his course adviser until he has begun the sophomore year. When the student has
determined his major field of concentration, he will be assigned to the Chairman of the Department or his representative.

SPIRITUAL COUNSELING

Chaplains assigned to the University provide programs concerned with the spiritual welfare of the students and supervise various religious activities. A Catholic chaplain is available at all times and offers daily Mass on the Campus.

PLACEMENT

A Director of Placement provides information on professional opportunities, industrial and commercial openings, and on the labor market to students. He also assembles information on prospective employees for personnel and recruitment officials. He gives career alternatives on how and where to choose a career. His office is a center for meeting with the representatives of both local and national corporations.

Help is also offered in finding part-time and summer work opportunities compatible with the vocational objectives of the student.

VETERANS AND SELECTIVE SERVICE

The Office of the Registrar is the source of counseling for those students receiving the benefits of legislation dealing with Veterans’ Education. It is also the agency of the University which deals with the Selective Service Boards and advises students on their obligations and choices.

Admission of Students

From the applicants for admission to Sacred Heart University, those whose records of scholarship, character and health indicate that they have the potential to do work appropriate to the degree sought are selected. The elements that are considered by the Admissions Committee include:

1. The completion of a secondary school program approved by the Department of Education of the State of Connecticut or by the state in which he resides.
2. A recommendation by his high school principal or guidance counselor.
3. The results of the total testing program of his secondary school.
4. The student’s character profile, academic subject grades and rank in class.
5. The results of his complete experience in the Scholastic Aptitude Tests given by the College Entrance Examination Board (The application blank for the test and a bulletin of information may be obtained by writing The College Entrance Examination Board, P.O. Box 589, Princeton, New Jersey).
6. The record of the interview with a representative of the Admissions Office.
ADMISSION TO ADVANCED STANDING

The transfer student must present, in addition to all items listed for entering freshmen, an official transcript indicating work completed and an honorable dismissal from any college or all colleges which he has attended. No one will be admitted to a standing higher than that of the junior year. Credit will be given for courses which carry grades of C or above. Each course may be accepted only after it has been examined for course content and has been found to parallel the subject areas of Sacred Heart University. The applicant for advanced standing must also be prepared to meet all basic requirements and to complete at least fifty per cent of his area of concentration at Sacred Heart University.

SPECIAL STUDENTS

Qualified adults who meet the standards of the University, but who have not completed the customary program for admission to the University, may be accepted for special programs of study. The decision in each case will be made by the Admissions Committee after the applicant has been interviewed by the Dean of Students.

Degree Requirements

BACHELOR OF ARTS

1. Candidates for baccalaureate degrees must complete at least 128 hours of academic work with a quality point average of 2.0. The prescribed courses of the basic curriculum may be counted as part of the 128 hours.

2. Requirements for the field of concentration must be fulfilled according to the demands of the Department. At least half of the courses in the field of concentration must be taken at Sacred Heart University.

3. A minimum of one year of study at Sacred Heart University is required for any degree.

ASSOCIATE IN ARTS

1. Candidates for the Associate degrees must complete at least 64 hours of academic work with a satisfactory quality point average of 2.0.

2. Requirements in one specialized sequence must be met in addition to the completion of the core program.

3. A minimum of one year of study at Sacred Heart University is required for any degree.

Student Activities

A wide range of activities is available to each student so that he may prepare himself for full membership in the social life of the community. Every effort is made to qualify each graduate for intelligent
participation and leadership in the extra-vocational areas which can contribute to his personal growth and be simultaneously productive for the society in which he lives.

**STUDENT GOVERNMENT**

This elected representative group of student leaders serves as the intermediary between the students and the University Administration. The Student Government stimulates and encourages spiritual, academic, social and cultural activities on the campus. As the agency which issues charters to student organizations it develops and maintains a sense of responsibility among these groups.

The contribution of this body of student leaders to the early development and growth of the University and its traditions has been and continues to be significant.

**CLASS UNITS**

Each class of the University has its own organizational unit and its own officers. The president of each class is also an *ex-officio* member of the Student Government.

**ORGANIZATIONS**

Present organizations include the following:

- Academic: History Club, Math Club, French Club, Spanish Club, Italian Club, Management Club, Biology Club, and Student Education Association
- Community: Connecticut Intercollegiate Student Legislature
- Social Service: Caralannas, Epheians, Hai Adelphians, Kreuzfahrers, Panta Delphians, Pros philians, Spi Deltans
- Athletics: Athletic Association
- Dramatic: The Merely Players
- Musical: Sacred Heart University Chorale
  Sacred Heart University Music Club

**ATHLETIC PROGRAM**

From its very beginning, Sacred Heart University has worked to develop an athletic program which would be representative of its organizational uniqueness and provide for as much participation by students as would be possible in a commuter institution.

Now in its fourth year of inter-collegiate basketball, baseball, soccer, tennis, golf, and cross country, Sacred Heart includes in its schedule such institutions as Fairfield University, University of Bridgeport, Hofstra, Providence, St. John’s University, the U. S. Military Academy, Yale University, and many others. As time goes on and the department expands, additional sports will be offered to try to keep pace with the ever increasing competitive needs of the student.

In addition, there is the intramural program which offers opportunities for the student to participate in sports such as touch football, basketball, volleyball, bowling, softball, golf, tennis and archery. Awards are given at the end of the year to the individual team champions in intramural sports as well as inter-collegiate sports.
Academic Regulations

GENERAL INFORMATION

The academic year consists of two semesters of sixteen weeks each. In addition, students may attend the summer sessions for course credit.

A semester hour is the unit of credit and the basis of progress at the University. Each semester hour of class is the credit given for satisfactory work in one period of class a week for a semester. The class period is fifty minutes in duration, with at least one hundred minutes required for a semester hour of credit in laboratory work.

A student will not receive credit for any course unless he has officially registered for it.

Special permission must be obtained from the Academic Dean before a student may register for more than the normal credit load.

A matriculated student will not be given credit for courses taken at other colleges during the summer unless prior approval has been obtained from the Academic Dean.

CLASS ATTENDANCE

Regular attendance at classes is expected of all students enrolled at the University, and is considered in granting credit for courses. However, Juniors and Seniors who meet specified high academic standards may be excused from regular attendance in upper-level courses.

To provide for illness and other emergencies, a student may be permitted class absences in each course equal to ten per cent of the total number of times the subject meets during the semester. Absences in excess of this number result in a grade of FA and no credit is granted for the course.

Appeals may be made for restoration of credit in cases where objective evidence can be presented to support the necessity or involuntary character of the absences reported.

CONVOCATION ATTENDANCE

University convocations provide an opportunity for acquaintance and dialogue with leaders of contemporary thought. Participation is considered necessary and desirable.

Each student is required to attend six major convocations during his first year and four during his second.

EXAMINATIONS AND GRADES

Mid-semester and semester examinations are held in all courses as a part of the evaluation process. Advisory grades are derived from the mid-semester results, and are provided to the students for their guidance. Final grades are sent to the student after the close of each semester.
SYSTEM OF GRADES

A Superior mastery of subject matter. (This grade is not automatically assigned to those students with the highest rank in class, but is reserved for outstanding accomplishment.)
B+ Generally Excellent
B Very Good
C+ Good
C Fair; average college-level work
D+ Less-than-average performance
D Minimum mastery of subject matter
FA Failure by absence
WF Withdrawn while failing
W Withdrawn officially—no prejudice
FI Incomplete
F Failure

Incomplete grades may be altered with permission of the Instructor and the Academic Dean, by removing the deficiency no later than six weeks after the beginning of the following semester. After the six-week period, the grade of FI will be considered a failure in the course.

QUALITY POINT AVERAGE

The quality point average is the result of the cumulative quality points divided by the total earned credits. Cumulative quality points are acquired by the product of the course credit value and the following grade factors. To find the average, grades can be weighed as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4</td>
</tr>
<tr>
<td>B+</td>
<td>3.5</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
</tr>
<tr>
<td>C+</td>
<td>2.5</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>D+</td>
<td>1.5</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>-2</td>
</tr>
<tr>
<td>FA</td>
<td>-2</td>
</tr>
<tr>
<td>WF</td>
<td>-2</td>
</tr>
<tr>
<td>FI</td>
<td>-2</td>
</tr>
<tr>
<td>W</td>
<td>No penalty</td>
</tr>
</tbody>
</table>

Grades of FA, WF, and FI may be re-classified as withdrawn (W) through appeal to the “Committee on Academic Standards”.
The numerical weight allocated to each grade is then multiplied by the semester hours of credit assigned to each course. Thus a grade of C in a three semester hour course would merit six quality points (2 x 3). The total number of grade points earned in a given semester is divided by the total number of semester hours of credit achieved.

For example:

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Grade Factor</th>
<th>Credit Earned</th>
<th>Quality Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>B</td>
<td>(3)</td>
<td>x</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>C</td>
<td>(2)</td>
<td>x</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>B</td>
<td>(3)</td>
<td>x</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>D</td>
<td>(1)</td>
<td>x</td>
<td>3</td>
</tr>
<tr>
<td>Spanish</td>
<td>B</td>
<td>(3)</td>
<td>x</td>
<td>3</td>
</tr>
<tr>
<td>Art</td>
<td>A</td>
<td>(4)</td>
<td>x</td>
<td>2</td>
</tr>
</tbody>
</table>

In this case, the total quality points (44) divided by semester hours of credit earned (17) equals a Quality Point Average of 2.588 or 2.59.

**ACADEMIC CLASSIFICATION**

At the end of each semester the record of each student is reviewed and he is classified according to the following pattern:

1. **Dean's List**
   - First Honors 3.5 or better
   - Second Honors 3.3 but less than 3.5
   - Honorable Mention 3.0 but less than 3.3

2. **Satisfactory Standing**
   A student who is making normal progress toward a degree is in satisfactory standing provided that he achieves Quality Point Averages according to the following schedule:

   - To enter second Semester of Freshman year 1.5 or better
   - To enter Sophomore Year 1.6 or better
   - To enter Junior Year 1.8 or better
   - To enter Senior Year 2.0 or better
3. Academic Warning
   A student will be placed in this category when he has a poor record for a semester.

4. Probation
   A student will be placed on probation when his cumulative quality point average falls below the required level of achievement for his class.

5. Dismissal
   A student who has been on probation for one semester and who has not made satisfactory improvement in his quality point average is subject to dismissal from the University.

   The University reserves the right to dismiss any student for academic deficiency or for disciplinary reasons.

WITHDRAWAL

   A student may withdraw from the University only with the official permission of a dean of the Student Personnel office or the Registrar and with the written approval of the Academic Dean, or his representative.

   A student who does not follow the proper procedure in separating himself from the University will forfeit his right to any refunds, and will receive a failing grade for each course in which he is enrolled at the time of withdrawal.

GRADUATION

   A student is eligible for graduation if he has completed degree requirements and has a cumulative grade average of 2.0 with no grade below C in his major area of concentration. The normal minimum matriculation period for Bachelor of Arts students is eight regular semesters or equivalent.

GRADUATION HONORS

   Students who have been on the Dean’s List are eligible for the following honors at graduation:

   3.8 or better     Summa Cum Laude
   3.6 or 3.7        Magna Cum Laude
   3.5                Cum Laude

   — 28 —
Financial Information

Payment of Tuition and Fees

All payments for tuition and basic fees are due and payable before the beginning of the semester or session. Laboratory and special fees will be billed after the term begins. Students who have not completed due payments or made satisfactory arrangements will not be permitted to complete registration or attend classes.

Refunds

Students who withdraw from the University for a satisfactory reason within five weeks after the opening of the semester are entitled to a proportional refund of tuition only if they have officially withdrawn. Refunds are made at a rate of twenty per cent deduction for each week of attendance.

Withdrawal for reason of military service is not subject to the above schedule, since the reason for leaving is involuntary. A complete credit will remain in the student’s account to provide the tuition necessary for the first semester following the completion of the military obligation.

Financial Assistance

In approaching the problem of meeting the cost of higher education in this period, many parents and students utilize a combination of the various types of financial assistance available.

Since it is the policy of the University that no student should be prevented from pursuing a degree program because of inadequate funds, forms of assistance are described in the following paragraphs. Additional information may be obtained from the Director of Financial aid.

Please note that the Parents' Confidential statement is required for some types of aid.

Scholarships

Student aid is granted on the basis of individual need and scholastic promise. Grants should therefore be sought only by outstanding students of good academic rank who without such aid cannot meet the expenses of a university education.

Students applying for scholarships must complete the following steps:

1. Obtain the Application for Admission and return it with a $10.00 non-refundable application fee.
2. Complete a Scholarship Application form and submit it to the Director of Financial Aid before February 15.
3. Take the College Entrance Examination Board Test no later than January of Senior year.
4. Obtain and file before February 15th a College Scholarship Service (C.S.S.) form which is available from College Scholarship Service, Box 176, Princeton, New Jersey. The applicant's parents are required to fill out the form and return it with a fee of $3.00 to the above address. The C.S.S. analysis of this confidential statement will be sent to Sacred Heart University to assist in determining a fair assessment of financial need.

DR. JOHN A. RYCENGA MEMORIAL PRIZE

The Dr. John A. Rycenga Memorial Prize has been established through income from a fund created by the family and friends of the late Dr. John A. Rycenga, former chairman of the University English Department. The Prize will be awarded to a full-time student enrolled in the English Department.

EDUCATIONAL OPPORTUNITY GRANTS

In accordance with the Higher Education Act of 1965 the Federal Government has instituted a program providing for federal grants for students with exceptional financial need. These grants range in value from $200.00 to $800.00 per year and must be matched by an equal amount of some other form of approved financial aid. The purpose of this program is to assist students to obtain an education without having to assume a heavy burden of indebtedness. These grants do not require repayment.

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

NATIONAL DEFENSE STUDENT LOANS

Sacred Heart University participates in the Student Loan Program established by the National Defense Education Act of 1958. This program has assisted many students in obtaining their education at Sacred Heart University and is designed to help students who otherwise could not obtain a college education. Under this program, students may borrow up to $1,000.00 per year with a maximum of $5,000.00. These loans are obtained directly from the University. Interest and repayments do not begin until after the student completes his education, and repayments may extend as long as ten years. When interest begins, it is charged at a simple interest rate of 3% per year. A borrower who teaches may cancel ten per cent (10%) of his loan including interest, for each year of teaching service up to a maximum of fifty per cent (50%). A borrower who teaches in a low-income area or who teaches handicapped children may cancel fifteen per cent (15%) of his loan including interest for each year of teaching service up to a maximum of one hundred percent (100%).

Applications must be submitted to the Director of Financial Aid by June 1. A Parents' Confidential Statement is required and this form should be submitted to the College Scholarship Service, Box 176, Princeton, New Jersey, before August 1st.
GUARANTEED LOAN PROGRAM

In accordance with the Higher Education Act of 1965, the Federal Government established a new student loan program known as the Guaranteed Loan Program. The College participates in this program. Repayments do not begin until after the student completes his education. Students from families having an adjusted family income of less than $15,000.00 have all of their interest paid by the Federal Government while they are in school. Students from families with adjusted incomes of more than $15,000.00 do not receive an interest subsidy but may obtain loan assistance.

Applications must be submitted to the Director of Financial Aid by August 1. A Parents’ Confidential statement is not required.

CONNECTICUT HIGHER EDUCATION LOAN PROGRAM

The Connecticut Foundation for Financial Assistance to Higher Education was created as a non-profit state-supported corporation by the General Assembly in 1965. It provides guaranteed loans in amounts up to $1500.00 per year to residents of Connecticut. These loans are made to the student, without interest if the adjusted family income is under $15,000.00 or with 7% simple interest if the income is above that figure. Payments begin within one year of completing the college program, and may be extended over a period of from four to ten years, depending on the total amount obtained.

In addition, the Foundation will pay 10% of the total amount borrowed for tuition and academic fees by any candidate who completes his college program, and may pay up to 20% more if such a subsidy justified by need, outstanding achievement or potential.

Application forms may be obtained from the Director of Financial Aid, from any participating lending institution, or directly from the Connecticut Foundation for Financial Assistance to Higher Education, Room 207A, State Capitol, Hartford, Connecticut 06115.

FAMILY ALLOWANCE

To alleviate some of the financial drain which develops when more than one member of the family is in college at the same time, the University Board of Trustees has adopted the following resolution:

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 should be made to the Director of Financial Aid by August 1.

DEFERRED PAYMENTS

For students and parents who prefer to pay their educational costs in monthly payments, various plans are available through private sources. The Tuition Plan of New York, Education Funds, Incorporated of Providence, and most commercial banks offer long-term and short-term contracts to meet the needs of the individual.
UNIVERSITY FEES

SPECIAL FEES

Application Fee $10.00
Late Registration Fee 5.00
Change of Registration — per course 2.00
(When the change is for the convenience of the student)

Semester Registration Fees for Part-time Students
Less than 6 credit hours 3.00
More than 6 credit hours 5.00

Late Examination Fees
Semester Examinations 5.00
Examinations other than Semester 3.00

Extra Transcripts 1.00

Laboratory Fees (per semester)
Biology 20.00
Chemistry 25.00
Physics 20.00
Language 5.00
Fine Arts 5.00

General Fee (per semester) 25.00

Graduation Fee 25.00

TUITION (per semester)

Full time Students 550.00
12 credits or more

Part time Students 30.00
(per credit hour)
COURSE SEQUENCES

BACHELOR OF ARTS

Each candidate for the Bachelor of Arts degree is required to take a combination of the Core Program, one major sequence, and electives.

CORE PROGRAM

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Communication Arts</td>
<td>2</td>
</tr>
<tr>
<td>English (Rhetoric 6 &amp; Literature 6)</td>
<td>12*</td>
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<tr>
<td>Fine Arts (Music 2 &amp; Art 2)</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6**</td>
</tr>
<tr>
<td>Modern Languages</td>
<td>0 - 6 - 12***</td>
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<tr>
<td>Philosophy</td>
<td>9****</td>
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<tr>
<td>Religious Studies</td>
<td>6</td>
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<tr>
<td>Science</td>
<td>6†</td>
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<tr>
<td>Social Sciences (Economics,</td>
<td>6</td>
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<tr>
<td>Political Science, Sociology)</td>
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<tr>
<td>Physical Education (2 semesters)</td>
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Major Sequence 27 - 33
Electives 26 - 32

Total for four-year program 128

* six hour requirement in Rhetoric waived upon passing a departmental writing proficiency entrance examination.
** six hour requirement in Mathematics waived upon passing a departmental entrance examination at level of Math 2.
*** 0 credit hours: upon passing the 52 level proficiency examination.
6 credit hours: two years high school in one language
12 credit hours: no high school language, or beginning new language.

**** 1969 Graduates take 15 semester hours of Philosophy
1970 Graduates take 12 semester hours of Philosophy.
†Students who are planning for graduate school should elect a laboratory science.

MAJOR SEQUENCE — ACCOUNTING

Credit Requirement — 27

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ac 101-102</td>
<td>Principles of Accounting I and II</td>
<td>6</td>
</tr>
<tr>
<td>Ac 201-202</td>
<td>Intermediate Accounting I and II</td>
<td>6</td>
</tr>
<tr>
<td>Ac 301-302</td>
<td>Advanced Accounting I and II</td>
<td>6</td>
</tr>
<tr>
<td>Ac 313</td>
<td>Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>Ac 321-322</td>
<td>Auditing I and II</td>
<td>6</td>
</tr>
<tr>
<td>Ac 383</td>
<td>Federal Taxes I</td>
<td>3</td>
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</tbody>
</table>

—33—
**Required Supporting Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bu 231-232</td>
<td>Business Law I and II</td>
<td>6</td>
</tr>
<tr>
<td>Ec 201-202</td>
<td>Principles of Economics I and II</td>
<td>6</td>
</tr>
<tr>
<td>Bu 201</td>
<td>Business Management</td>
<td>3</td>
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<tr>
<td>Bu 241</td>
<td>Statistics for Business</td>
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**MAJOR SEQUENCE — BUSINESS ADMINISTRATION**

Credit Requirement — 30

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<th>Description</th>
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<tbody>
<tr>
<td>Ac 101-102</td>
<td>Principles of Accounting I and II</td>
<td>6</td>
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<tr>
<td>Ac 211</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Ec 201-202</td>
<td>Principles of Economics I and II</td>
<td>6</td>
</tr>
<tr>
<td>Bu 201</td>
<td>Business Management</td>
<td>3</td>
</tr>
<tr>
<td>Bu 215</td>
<td>Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>Bu 231</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>Bu 241</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Bu 261</td>
<td>Marketing</td>
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**MAJOR SEQUENCE — BIOLOGY**

Credit Requirement — 33

<table>
<thead>
<tr>
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<th>Description</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Bi 21-22</td>
<td>Concepts in Biology I and II</td>
<td>6</td>
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<tr>
<td>Bi 121</td>
<td>Biological Differentiation</td>
<td>3</td>
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<tr>
<td>Bi 221-222</td>
<td>Physiological Biology I and II</td>
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<tr>
<td>Bi 251</td>
<td>Environmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>Bi 261</td>
<td>Experimental Plant Growth and Development</td>
<td>3</td>
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<tr>
<td>Bi 271</td>
<td>Genetic Biology</td>
<td>3</td>
</tr>
<tr>
<td>Bi 281</td>
<td>Invertebrate Biology</td>
<td>3</td>
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<tr>
<td>Bi 321</td>
<td>Independent Work in Biology</td>
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<tr>
<td>Bi 331</td>
<td>Advanced Genetic Biology</td>
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<td>Bi 341</td>
<td>Marine Biology</td>
<td>3</td>
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<tr>
<td>Bi 351</td>
<td>Principles of Natural Resource Management</td>
<td>3</td>
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<tr>
<td>Bi 361</td>
<td>Biological Pharmacology</td>
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<tr>
<td>Bi 396-397</td>
<td>Seminar Biology</td>
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**Required Supporting Courses**

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<th>Description</th>
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<tbody>
<tr>
<td>Ch 11-12</td>
<td>General Inorganic Chemistry I and II</td>
<td>8</td>
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<tr>
<td>Ch 111-112</td>
<td>Organic Chemistry I and II</td>
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</table>

**Optional Supporting Courses**

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<tbody>
<tr>
<td>Py 111-112</td>
<td>General Physics</td>
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<tr>
<td>Ch 211</td>
<td>Analytical Chemistry I</td>
<td>3</td>
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<tr>
<td>Ch 236</td>
<td>Elements of Physical Chemistry</td>
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### MAJOR SEQUENCE — ENGLISH

Credit Requirement — 24 in Upper Division

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>En 1</td>
<td>The English Language: Grammar and Structure</td>
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<tr>
<td>En 2</td>
<td>The English Language: Rhetoric</td>
<td>3</td>
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<tr>
<td>En 107</td>
<td>Studies in Literature</td>
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<tr>
<td>En 108</td>
<td>Studies in Literature</td>
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#### Upper Division

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<tbody>
<tr>
<td>En 207</td>
<td>History of the English Language</td>
<td>3</td>
</tr>
<tr>
<td>En 208</td>
<td>Survey of British Literature: I</td>
<td>3</td>
</tr>
<tr>
<td>En 209</td>
<td>Survey of British Literature: II</td>
<td>3</td>
</tr>
<tr>
<td>En 235</td>
<td>British Drama</td>
<td>3</td>
</tr>
<tr>
<td>En 239</td>
<td>Modern Drama</td>
<td>3</td>
</tr>
<tr>
<td>En 265</td>
<td>Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>En 252</td>
<td>Survey of American Literature: I</td>
<td>3</td>
</tr>
<tr>
<td>En 253</td>
<td>Survey of American Literature: II</td>
<td>3</td>
</tr>
<tr>
<td>En 254</td>
<td>American Novel</td>
<td>3</td>
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<tr>
<td>En 282</td>
<td>Continental Literature: I</td>
<td>3</td>
</tr>
<tr>
<td>En 283</td>
<td>Continental Literature: II</td>
<td>3</td>
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<tr>
<td>En 310</td>
<td>Medieval Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 311</td>
<td>Sixteenth Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 312</td>
<td>Seventeenth Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 313</td>
<td>Neo-Classicism</td>
<td>3</td>
</tr>
<tr>
<td>En 314</td>
<td>Nineteenth Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 325</td>
<td>Modern British and American Poetry</td>
<td>3</td>
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<td>En 341</td>
<td>Eighteenth and Nineteenth Century British Novel</td>
<td>3</td>
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<tr>
<td>En 342</td>
<td>Twentieth Century British Novel</td>
<td>3</td>
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<tr>
<td>En 378</td>
<td>Creative Writing</td>
<td>3</td>
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<tr>
<td>En 385</td>
<td>Ideological Influences in Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 387</td>
<td>Children's Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 390</td>
<td>Literary Criticism</td>
<td>3</td>
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<tr>
<td>En 391</td>
<td>Departmental Seminar</td>
<td>3</td>
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### MAJOR SEQUENCE — HISTORY

Credit Requirement — 30

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Hi 1</td>
<td>Growth of Western Civilization to 1715</td>
<td>3</td>
</tr>
<tr>
<td>Hi 2</td>
<td>Growth of Western Civilization since 1715</td>
<td>3</td>
</tr>
<tr>
<td>Hi 121</td>
<td>United States History to 1865</td>
<td>3</td>
</tr>
<tr>
<td>Hi 122</td>
<td>United States History since 1865</td>
<td>3</td>
</tr>
<tr>
<td>Hi 201</td>
<td>Historical Method and Criticism</td>
<td>3</td>
</tr>
<tr>
<td>Hi 207</td>
<td>The French Revolution and Napoleon (1763-1815)</td>
<td>3</td>
</tr>
<tr>
<td>Hi 209</td>
<td>Nineteenth Century Europe (1815-1871)</td>
<td>3</td>
</tr>
<tr>
<td>Hi 211</td>
<td>Modern Europe (1870-1920)</td>
<td>3</td>
</tr>
<tr>
<td>Hi 213</td>
<td>Contemporary Europe (1920-1965)</td>
<td>3</td>
</tr>
<tr>
<td>Hi 221</td>
<td>American Colonial Foundations and</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Constitutional Period</td>
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<tr>
<td>Hi 222</td>
<td>The United States Civil War and Reconstruction</td>
<td>3</td>
</tr>
<tr>
<td>Hi 223</td>
<td>United States in the Twentieth Century</td>
<td>3</td>
</tr>
<tr>
<td>Hi 225</td>
<td>Afro-American History</td>
<td>3</td>
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</tbody>
</table>

— 35 —
Hi 227  The Age of Jefferson and Jackson (1800-1845)  3
Hi 229  The Age of Enterprise (1877-1900)  3
Hi 231  The History of Modern Russia  3
Hi 252  The Middle Ages  3
Hi 253  The Renaissance and Reformation  3
Hi 257  Tudor and Stuart England (1485-1688)  3
Hi 259  The Constitutional History of Great Britain  3
Hi 262  The History of Britain since 1815  3
Hi 264  The British Empire and Commonwealth  3
Hi 280  The History of Modern East Asia  3
Hi 285  Modern Germany  3
Hi 301  The Social and Intellectual History of Europe since the Eighteenth Century  3
Hi 321  United States Constitutional History  3
Hi 322  United States Diplomatic History  3
Hi 325  United States Intellectual History  3
Hi 391  Senior Seminar  3

MAJOR SEQUENCE — MATHEMATICS
Credit Requirement — 33

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Mt 13</td>
<td>Introductory Calculus</td>
<td>3</td>
</tr>
<tr>
<td>Mt 14</td>
<td>Mathematical Analysis I</td>
<td>4</td>
</tr>
<tr>
<td>Mt 103</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>Mt 104</td>
<td>Mathematical Analysis II</td>
<td>4</td>
</tr>
<tr>
<td>Mt 105</td>
<td>Introduction to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>Mt 106</td>
<td>Probability and Mathematical Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Mt 201</td>
<td>Advanced Multivariable Calculus</td>
<td>3</td>
</tr>
<tr>
<td>Mt 221</td>
<td>Abstract Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Mt 222</td>
<td>Geometry</td>
<td>3</td>
</tr>
<tr>
<td>Mt 223</td>
<td>Differential Geometry</td>
<td>3</td>
</tr>
<tr>
<td>Mt 234</td>
<td>Computer Technology</td>
<td>3</td>
</tr>
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<td>Mt 231</td>
<td>Numerical Analysis</td>
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<td>Mt 232</td>
<td>Applied Mathematics</td>
<td>3</td>
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<td>Mt 311</td>
<td>Real Analysis I</td>
<td>3</td>
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<tr>
<td>Mt 312</td>
<td>Real Analysis II</td>
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<tr>
<td>Mt 313</td>
<td>Real Analysis</td>
<td>3</td>
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<tr>
<td>Mt 314</td>
<td>Complex Analysis</td>
<td>3</td>
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<tr>
<td>Mt 315</td>
<td>Topology</td>
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<tr>
<td>Mt 316</td>
<td>Mathematical Logic</td>
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Credit Hours

Required Supporting Course

Py 111-112 General Physics, I and II  8

This curriculum complies with the 1965 recommendations of the Committee for the Undergraduate Program in Mathematics of the Mathematical Association of America.
### MAJOR SEQUENCE — PSYCHOLOGY
Credit Requirement — 30

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Ps 101</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Ps 131</td>
<td>Dynamics of Behavior</td>
<td>3</td>
</tr>
<tr>
<td>Ps 151</td>
<td>Introductory Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Ps 203-204</td>
<td>Experimental Psychology I and II</td>
<td>8</td>
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<tr>
<td>Ps 211-212</td>
<td>Statistical Inference I and II</td>
<td>4</td>
</tr>
<tr>
<td>Ps 215</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Ps 241</td>
<td>Psychology of Personality</td>
<td>3</td>
</tr>
<tr>
<td>Ps 252</td>
<td>Child Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Ps 272</td>
<td>Adolescent Developmental Psychology</td>
<td>3</td>
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<tr>
<td>Ps 285</td>
<td>Psychological Counseling I</td>
<td>3</td>
</tr>
<tr>
<td>Ps 292</td>
<td>Systems and Theories of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Ps 301-302</td>
<td>Basic Concepts in Psychology I and II</td>
<td>6</td>
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<td>Ps 311</td>
<td>Abnormal Psychology</td>
<td>3</td>
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<td>Ps 321</td>
<td>Psychological Counseling II</td>
<td>3</td>
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<td>Ps 322</td>
<td>Seminar in Interpersonal Relations</td>
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<tr>
<td>Ps 331</td>
<td>Psychological Tests and Measurements</td>
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<td>Ps 351</td>
<td>Physiological Psychology</td>
<td>3</td>
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<tr>
<td>Ps 396-397</td>
<td>Field Experience in Psychology</td>
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**Required Supporting Course**

<table>
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<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Bi 21-22</td>
<td>Concepts in Biology I, II</td>
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### MAJOR SEQUENCE — SOCIOLOGY
Credit Requirement — 30

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>So 101</td>
<td>Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>So 121</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>So 151</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>So 211</td>
<td>Statistics for Social Science</td>
<td>3</td>
</tr>
<tr>
<td>So 215</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>So 231</td>
<td>Marriage and Family</td>
<td>3</td>
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<tr>
<td>So 241</td>
<td>The Urban Community</td>
<td>3</td>
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<td>So 261</td>
<td>Intergroup Relations</td>
<td>3</td>
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<tr>
<td>So 271</td>
<td>Crime and Delinquency</td>
<td>3</td>
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<tr>
<td>So 297</td>
<td>Sociology of Religion</td>
<td>3</td>
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<tr>
<td>So 303</td>
<td>Sociological Theories</td>
<td>3</td>
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<tr>
<td>So 321</td>
<td>Contemporary Social Thought</td>
<td>3</td>
</tr>
<tr>
<td>So 364</td>
<td>Public Opinion and Propaganda</td>
<td>3</td>
</tr>
<tr>
<td>So 371</td>
<td>Social Welfare</td>
<td>3</td>
</tr>
<tr>
<td>So 375</td>
<td>Introduction to Social Work</td>
<td>3</td>
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<tr>
<td>So 377</td>
<td>Practicum in Social Work</td>
<td>1-6</td>
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<tr>
<td>So 391</td>
<td>Methods of Social Research</td>
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</tr>
<tr>
<td>So 395</td>
<td>Practicum in Social Research</td>
<td>1-6</td>
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<tr>
<td>So 397</td>
<td>Senior Seminar in Sociology</td>
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</table>
TEACHER EDUCATION PROGRAMS

The candidate for teacher certification will take the regular curriculum leading to a Bachelor's degree. He will, in addition, select the sequence of courses which will qualify him for teaching on either the Elementary or Secondary level.

Courses for Secondary Certification*

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<td>Introduction to Teaching</td>
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<tr>
<td>Ed 101</td>
<td>Educational Psychology</td>
<td>3</td>
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<td>Ed 151</td>
<td>History and Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>Ed 231</td>
<td>Health and Safety Education</td>
<td>3</td>
</tr>
<tr>
<td>Ed 255</td>
<td>High School Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>Ed 261-264</td>
<td>Methods of Teaching in Special Fields</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>on the Secondary Level</td>
<td></td>
</tr>
<tr>
<td>Ed 265</td>
<td>Methods of Teaching in the Secondary School</td>
<td>3</td>
</tr>
<tr>
<td>Ed 271</td>
<td>Principles of Guidance</td>
<td>3</td>
</tr>
<tr>
<td>Ed 311</td>
<td>Tests and Measurements</td>
<td>3</td>
</tr>
<tr>
<td>Ed 351</td>
<td>Practicum and Student Teaching—Secondary</td>
<td>6</td>
</tr>
</tbody>
</table>

Courses for Elementary Certification*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ed 101</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Ed 151</td>
<td>History and Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>Ed 201</td>
<td>Child Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>Ed 211</td>
<td>Reading and Language Arts</td>
<td>3</td>
</tr>
<tr>
<td>Ed 221-222</td>
<td>Content and Methods of Elementary Subjects</td>
<td>12</td>
</tr>
<tr>
<td>Ed 241-248</td>
<td>Materials and Methods in Special Elementary Fields</td>
<td>3</td>
</tr>
<tr>
<td>Ed 301</td>
<td>Practicum and Student Teaching—Elementary</td>
<td>6</td>
</tr>
<tr>
<td>Ed 311</td>
<td>Tests and Measurements</td>
<td>3</td>
</tr>
</tbody>
</table>

*Required for Connecticut State certification: Secondary, 18 credit hours; Elementary, 30 credit hours.

ASSOCIATE IN ARTS

Candidates for the Associate degrees must complete at least 64 hours of academic work with a satisfactory scholastic quotient and achieve 128 quality points.

Requirements in one specialized sequence must be met in addition to the completion of the Core Program in General Education.
Core Program

This will be required of all candidates for the Associate in Arts degree and will include the following:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ca 121  Fundamentals of Speech I</td>
<td>2</td>
</tr>
<tr>
<td>En 1    The English Language: Grammar and Structure</td>
<td>3</td>
</tr>
<tr>
<td>En 2    The English Language: Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>Hi 1    Growth of Western Civilization to 1715</td>
<td>3</td>
</tr>
<tr>
<td>Hi 2    Growth of Western Civilization since 1715</td>
<td>3</td>
</tr>
<tr>
<td>Ph 103  Basic Problems in Philosophy I</td>
<td>3</td>
</tr>
<tr>
<td>Ph 104  Basic Problems in Philosophy II</td>
<td>3</td>
</tr>
<tr>
<td>Ch 1    Introduction to Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>Bi 1    Introduction to Biology</td>
<td>3</td>
</tr>
<tr>
<td>SS 1-2  Elements of Social Science I and II</td>
<td>6</td>
</tr>
<tr>
<td>Rs 21   Theories of Religion</td>
<td>3</td>
</tr>
<tr>
<td>Rs 22   Problems of Religion</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>38</strong></td>
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MAJOR SEQUENCE — LIBERAL STUDIES

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>En 111   World Masterpieces I</td>
<td>3</td>
</tr>
<tr>
<td>En 112   World Masterpieces II</td>
<td>3</td>
</tr>
<tr>
<td>Fa 101   Music Appreciation I</td>
<td>2</td>
</tr>
<tr>
<td>Fa 151   History and Appreciation of Art</td>
<td>2</td>
</tr>
<tr>
<td>Ss 121-122 Development of American Institutions I and II</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ca 122    Fundamentals of Speech II</td>
<td>2</td>
</tr>
<tr>
<td>Ec 1-2    Elements of Economics I and II</td>
<td>6</td>
</tr>
<tr>
<td>Modern Language</td>
<td>6 - 12</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 - 6</td>
</tr>
<tr>
<td>Ps 1     Elements of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Ss 151   The Christian Society</td>
<td>2</td>
</tr>
<tr>
<td>Ss 161   Political and Economic Geography</td>
<td>3</td>
</tr>
<tr>
<td>Ss 162   Contemporary Public Issues</td>
<td>3</td>
</tr>
<tr>
<td>Ss 165   Cultural Geography: The European World</td>
<td>3</td>
</tr>
<tr>
<td>Ss 166   Cultural Geography: The Afro-Asian World</td>
<td>3</td>
</tr>
</tbody>
</table>

| Total in credit hours              | 26           |
| In addition to the Core credit hours of | 38          |
| **To total**                       | **64**       |

— 39 —
### MAJOR SEQUENCE — ACCOUNTING

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ac 1-2 Elements of Accounting I and II</td>
<td>6</td>
</tr>
<tr>
<td>Ac 151-152 Elements of Cost Accounting I and II</td>
<td>3</td>
</tr>
<tr>
<td>Bu 21 Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>Bu 131 Elements of Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Ec 1 Elements of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>Ec 2 Elements of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>Ss 151 The Christian Society</td>
<td>2</td>
</tr>
</tbody>
</table>

**Electives**

| Bu 121 Elements of Business Communication | 3 |
| Bu 161 Elements of Marketing             | 3 |
| Bu 166 Elements of Retailing             | 3 |
| Ps 1 Elements of Psychology              | 3 |
| Ss 161 Political and Economic Geography  | 3 |
| Ss 162 Contemporary Public Issues        | 3 |
| Ss 165 Cultural Geography: The European World | 3 |
| Ss 166 Cultural Geography: The Afro-Asian World | 3 |

**Total in credit hours** 26
**In addition to the Core credit hours of** 38
**To total** 64

### MAJOR SEQUENCE — GENERAL BUSINESS

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ac 1-2 Elements of Accounting I and II</td>
<td>6</td>
</tr>
<tr>
<td>Bu 21 Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>Bu 131 Elements of Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Ec 1 Elements of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>Ec 2 Elements of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>Ss 151 The Christian Society</td>
<td>2</td>
</tr>
</tbody>
</table>

**Electives**

| Ac 151-152 Elements of Cost Accounting I and II | 3 |
| Bu 161 Elements of Marketing                 | 3 |
| Bu 166 Elements of Retailing                 | 3 |
| Ps 1 Elements of Psychology                  | 3 |
| Ss 161 Political and Economic Geography      | 3 |
| Ss 162 Contemporary Public Issues            | 3 |
| Ss 165 Cultural Geography: The European World | 3 |
| Ss 166 Cultural Geography: The Afro-Asian World | 3 |

**Total in credit hours** 26
**In addition to the Core credit hours of** 38
**To total** 64
DESCRIPTION OF COURSES

Accounting

Ac 1-2  Elements of Accounting I and II  6 credits

The basic course in accounting presents procedures, statements, and introductory theory. It provides the student with a basic understanding of accounting procedure and its role in business.

Ac 3  Elements of Managerial Accounting  3 credits

(Prerequisite: C or better in Accounting 2)

This course covers the "managerial" phase of introductory accounting, including cost and manufacturing accounting, analysis of financial statements, taxes, budgeting.

Ac 101-102  Principles of Accounting I and II  6 credits

The beginning course for all Accounting and Business Administration majors. It presents procedures, statements, introductory theory, and an introduction to managerial and financial accounting.

Note: AC 102 is required of all students transferring from the AA to the BA program. Such students who have already taken AC 1 and 2 will take AC 102 and receive 6 credits for the 3 courses covered. AC 3 will not be accepted as a substitute for AC 102.

Ac 151-152  Elements of Cost Accounting I and II  6 credits

(Prerequisite: Ac 3)

A general study of the three types of cost accounting systems: job, process, and standard. Emphasis is on sources of cost information and the use of this information for decision making.

Ac 201-202  Intermediate Accounting I and II  6 credits

(Prerequisite: AC 101-2)

Further development of accounting concepts, placing more emphasis on the theoretical aspects involved and bringing this theory into focus by concentrating on realistic business problems. Primarily intended for the Accounting major, this is a highly useful course for Business Administration majors who will derive benefit in both undergraduate and graduate level courses.

Note: Credit for Ac. 201 can be gained without taking Ac. 202.

Ac 211  Managerial Accounting  3 credits

(Prerequisite: Ac. 102)

Familiar accounting practices are discussed in greater detail and new accounting techniques are introduced and applied to the business situation through the use of cases as well as problems. Price level changes, leverage, sources and uses of funds, cost accounting and cost control, and budgets are emphasized.

Ac 301-302  Advanced Accounting I and II  6 credits

(Prerequisite: Ac 201-2)

Intended for accounting majors. Designed to provide a complete grounding in partnership accounting, installment sales, consignment sales, and preparation of consolidated balance sheets and income statements with related problems.

Ac 313  Cost Accounting I  3 credits

(Prerequisite: Ac 201 or 211)

Provides a comprehensive foundation in cost accounting for a manufacturing concern. Major emphasis is placed on the development of materials, labor, and overhead cost data using job and process cost accounting systems.
Ac 314  Cost Accounting II  3 credits
(Prerequisite: Ac 313)
An extension of the principles studied in Ac 313, placing major emphasis on the use of cost data for decision making and control. Topics include extensive concentration on budgets, standard costs, break-even analysis, and return on capital.

Ac 321  Auditing I  3 credits
(Prerequisite: Ac 202)
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.

Ac 322  Auditing II  3 credits
(Prerequisite: Ac 321)
Provides advanced training in auditing utilizing case studies, publications of the American Institute of Certified Public Accountants, the making of audit reports, and other advanced materials.

Ac 383  Federal Taxes I  3 credits
(Prerequisite: Ac 211 or equivalent)
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.

Ac 384  Federal Taxes II  3 credits
(Prerequisite: Ac 383)
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.

Ac 391  Special Problems  3 credits
(Prerequisite: Ac 202 and 313 and 3.0 average in accounting courses.)
A unique opportunity for the exceptional student to do independent research in the Accounting area of his choice. The research will be under the guidance of a selected faculty member and the student’s results presented in the form of a written study will serve as the basis for a grade.

Biology

Bi 1  Introduction to Biology  3 credits
Selected basic concepts and principles leading towards an understanding of biological structures as a whole are presented to enable liberal arts students to better understand and evaluate current information. The topics considered include structural and chemical organization of living systems, key metabolic processes, regulatory mechanisms at all levels of organization and relationships between organisms and their environment. Open to associate degree students only. Three lectures weekly.

Bi 5  Fundamentals of Biology  3 credits
Selected basic concepts and principles leading towards an understanding of biological structures as a whole are presented to enable liberal arts students to better understand and evaluate current information. The topics considered include structural and chemical organization of living systems, key metabolic processes, regulatory mechanisms at all levels of organization and relationships between organisms and their environment. Original scientific papers are incorporated wherever possible.
Two lectures, one hour laboratory-discussion weekly.
Bi 21-22 Concepts in Biology 3 credits

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, mechanics of heredity, reproduction and evolution. Student seminars and group research are an integral part of the course. This course is required of all biology majors, open to all psychology majors and with the permission of the department, to other qualified students.

Two lectures, three hour laboratory weekly.

Bi 121 Biological Differentiation 3 credits

(Prerequisite: Biology 21-22)

A study of gametogenesis, embryogenesis, morphogenesis and evolutionary differentiation among chordates. The biochemical control of development and the major systems are considered. Laboratory work in dissection of selected organ systems of representative vertebrates and a study of chick embryos in relation to adult forms.

Two lectures, three hours laboratory weekly.

Bi 221-222 Physiological Biology I and II 6 credits

(Prerequisite: Biology 21-22, Chemistry 11-12)

A study of general and comparative physiology of animals in the framework of the phylogeny of animal functions. Topics include the chemical and morphological organization of cells, sources of energy and its distribution, environmental relations, neural integration and reproduction. Laboratory work on subcellular, neuro-muscular, respiratory, circulatory and endocrine systems.

Two lectures, three hours laboratory weekly.

Bi 251 Environmental Biology 3 credits

(Prerequisite: Biology 21-22)

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.

Two lectures, three hours laboratory weekly.

Bi 261 Experimental Plant Growth and Development 3 credits

(Prerequisite: Biology 121, Biology 251)

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.

Two lectures, three hour laboratory weekly.

Bi 271 Genetic Biology 3 credits

(Prerequisite: Biology 21-22)

A study of Mendelian inheritance, cytological basis of inheritance, molecular genetics, cytoplasmic inheritance, mutagenesis, and population genetics.

Two lectures, three hour laboratory weekly.

Bi 281 Invertebrate Biology 3 credits

(Prerequisite: Biology 21-22)

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.

Two lectures, three hour laboratory weekly.

Bi 321 Independent Work in Biology

By invitation of the department; hours and credits by special arrange-
Bi 331  Advanced Genetic Biology  
(Prerequisite: Biology 271)  
An experimental approach to modern genetics. Major topics of consideration include genetic control of proteins, transfer and regulation of genetic information, nature of the genetic code, and environmental effects on gene expression. Original papers serve as source material. Contemporaneity is stressed. Two lectures, four hours laboratory weekly.

Bi 341  Marine Biology  
(Prerequisite: Biology 251)  
An introduction to biological oceanography. The interrelationships 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. Two lectures, three hours laboratory weekly.

Bi 351  The Principles of Natural Resource Management  
(Prerequisite: Biology 251)  
A field and laboratory course in population control mechanisms. The effects of misuse, pollution and radiation on natural resources. Two lectures, three hours laboratory weekly.

Bi 361  Biological Pharmacology  
(Prerequisite: Biology 221-222, Chemistry)  
A specialized course in applied pharmacology intended primarily for future research pharmacologists. Topics will be selected from the following pharmacological disciplines: autonomic, neural, cardio-vascular and psychological. Two lectures, three hour laboratory weekly.

Bi 397-398  Seminar in Biology  
An investigation of current literature and research methods with an independent research problem; for qualified seniors by permission of the department.

Business Administration

Bu 21  Introduction to Business  
An introductory description of all aspects of business, including organization, marketing, manufacturing, law, government and facilitating services. Covers theoretical and practical aspects of modern business.

Bu 121  Elements of Business Communication  
An introductory course in Business Communications. The course covers the various principles involved in good Business Communications. Lecture and case studies.

Bu 131  Elements of Business Law  
General survey of law including the legal system, courts and court procedures, the regulation of business, the law of contract, sales and employment.

Bu 161  Elements of Marketing  
(Prerequisite: Sophomore standing)  
An introduction to marketing management, utilizing a combined lecture-case method of study. This course covers a broad range of topics, including consumer behavior, branding policies, advertising, channels of distribution, marketing research, and pricing.
Bu 201 Business Management
3 credits
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, organization, organizational change, planning, control and allocation of resources. Lectures and case studies.

Bu 207 Personnel Management
3 credits
Personnel and industrial relations are covered from the following aspects: employment and development of personnel, wages and hours, labor-management relations, and the administration of labor contracts. Lectures and case studies.

Bu 215 Business Finance
3 credits
(Prerequisite: Ac 211 or equivalent)
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. This course is required for those wishing to take Bu 314, Financial Analysis.

Bu 221 Principles of Business Communications
2 credits
An analysis of Business Communications including oral and written communications, signs and symbols, listening and feedback. Lectures and case studies.

Bu 231 Business Law I
3 credits
A general survey of law, including the legal system, courts and court procedures, the law of contract, agency, partnership, corporation, sales and employment.

Bu 232 Business Law II
3 credits
(Prerequisite: Bu 231)
The law of negotiable instruments, wills and estates, as well as other pertinent areas in the legal field.

Bu 241 Business Statistics
3 credits
An introduction to statistical methods and statistical reasoning. Collection and presentation of data, descriptive method with particular reference to frequency distribution, correlation and regressional analysis, index numbers, time series analysis. Elements of probability, test hypothesis, and estimation problems.

Bu 249 Quantitative Analysis
3 credits
The use of quantitative analytical techniques as aids to decision making. The approach is on a practical level and covers such topics as linear programming, applications of queueing theory, problem solution using differential and integral calculus. Especially recommended for students planning to attend graduate school.

Bu 261 Principles of Marketing
3 credits
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.
Bu 266  Principles of Retailing  3 credits
(Prerequisite: Ac 102)
This course discusses the revolution in retailing. It examines consumer preferences, physical facilities, retail organization, merchandise, budget and control. The buying, handling and pricing of merchandise, sales promotion and store services, and accounting controls are also considered.

Bu 281  The Social Setting of Business  3 credits
(Prerequisite: Junior standing)
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.

Bu 286  Consumer Motivation  3 credits
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.

Bu 301  Management Theory and Practice  3 credits
(Prerequisite: Bu 201)
An interdisciplinary study of management, its theoretical background and the practical application of this theory. Covers motivation, organization, policy formulation, decision making, and control.
Lectures and case studies.

Bu 308  Production Management  3 credits
A survey course designed to familiarize the student with the basic operations of the modern manufacturing enterprise. It covers the various production line and staff functions with an emphasis on their interrelationships.
Offered biennially.

Bu 314  Investment Analysis  3 credits
(Prerequisite: Bu 215)
The initial part of the course discusses the different types of securities, the markets, the exchanges, price fluctuation, and government regulation. Then major financial analysis techniques involved in determining the merits of specific companies and their securities (especially common stock) for investment purposes are considered. Students are required to apply concepts to a particular company in a written report.

Bu 361  Marketing Management  3 credits
(Prerequisite: Bu 261)
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 goals, with a view to the larger context of society itself.
Chemistry

Ch 1 Introduction to Chemistry 3 credits
This course is designed to reveal what is meant by the scientific concept and how scientists construct a conceptual scheme to obtain a deeper understanding of physical phenomena. The basic laws and theories of Chemistry and their applications are investigated to accomplish the aforementioned objective of this course.

Ch 5 Fundamentals of Chemistry 3 credits
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; and nuclear reactions and energy.

Two lectures, one laboratory discussion period.

Ch 11 General Inorganic Chemistry I 4 credits
The systematic study of the fundamental laws and theories of Chemistry; basic atomic theory and structure; chemical bonding; chemical equations and stoichiometry; theory of gases; kinetic molecular theory; liquids and solids; oxygen and hydrogen; oxidation—reduction properties of solutions; theory of ionization; concentration; colligative properties; electrochemistry; electrolysis; Faraday's Laws; E.M.F.; electrode potentials; voltaic cells; galvanic cells; concentration cells; the non metals.

Laboratory experiments of the quantitative nature involving these theories.

Three lectures, one Laboratory period.

Ch 12 General Inorganic Chemistry II 4 credits
A continuation of General Inorganic Chemistry I. Chemical thermodynamics; chemical kinetics and chemical equilibrium; acids and bases; ionic equilibria; metals; complex compounds; introduction to organic functional groups; nuclear chemistry.

Laboratory consists of qualitative experiments and volumetric and gravimetric techniques.

Three lectures, one laboratory period.

Ch 111 Organic Chemistry I 4 credits
An introduction to organic chemistry; the stereochemistry, nomenclature, syntheses and reaction of aliphatic compounds will be discussed.

Three lectures, one three-hour laboratory.

Ch 112 Organic Chemistry II 4 credits
An extension of Ch III; topics discussed will include electronic spectra of organic molecules, optical activity, the chemistry of aromatic compounds and the chemistry of carbohydrates and proteins.

Three lectures, one three-hour laboratory.

Ch 211 Analytical Chemistry I 3 credits
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 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. An introduction to some basic instrumental methods of analysis.

Two lectures, one three-hour laboratory.
Ch 212  Analytical Chemistry II  3 credits  
This course in instrumental methods of analysis treats the theory and practice of the application of instrumental methods to quantitative analysis. The methods studied will include spectrophotometry, chromatography, polarography and other electro-analytical techniques. 

Two lectures, one three-hour laboratory period.

Ch 236  Elements of Physical Chemistry  3 credits  
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.

### Communication Arts

Ca 101  Introduction to Radio and Television  2 credits  
Basic study of the radio and television industry reviewing the various facets of radio - television broadcasting, including radio station operation, personnel, production, announcing, news, engineering, advertising, and legal aspects. This course is a basic background study for the field of radio-television communications.

Ca 121  Fundamentals of Speech I  2 credits  
Introductory instruction and practice in effective oral self-expression: the working with ideas and emotions as found in selected projects in speaking and oral reading.

Ca 122  Fundamentals of Speech II  2 credits  
Continuation of Ca 121.

Ca 151  Report Writing  2 credits  
This course presents the principles of effective written communication applied to specific areas of academic or business activity.

Ca 171  Fundamentals of Acting  3 credits  
Designed to present acting technique in theory and practice. It is concerned with methods and procedures in building characterization for plays on an individual, group rehearsal and performance basis. Participants are required to audition for college productions.

Ca 211  Radio - Television Production  2 credits  
A study of techniques used in the presentation of radio - television programs. Practical application of these techniques will be outlined and executed in this classroom workshop course.

Ca 212  Radio - Television Announcing  2 credits  
Fundamentals of announcing for radio and television. This course is designed to assist students interested in radio - television broadcasting. Emphasis on delivery, style, voice personality, and ad-lib ability.

Ca 227  Extemporaneous Speaking  2 credits  
The study of the nature and influence of contemporary speaking as found in the courtroom, the pulpit, the speaker's platform, the academic rostrum, and the international forums.
Ca 261 Essentials of Public Speaking 2 credits
A course in the organization and delivery of the extemporaneous speech to inform and to persuade, stressing selection, analyzation, organization, evaluation, and communication for constructive influence in speech situations. (Performance course)

Ca 273 Play Production for Stage and TV 3 credits
The theory as well as the functions of stage and television settings: methods of construction and organization of scenery and properties for production. Work on crews for college productions required.

Ca 275 Dramatic Practice 2 credits
A general course designed to introduce the student to the art and crafts of theatre as demonstrated through the actor, director, designer, and technician.

Ca 276 History of the Theatre I 2 credits
A study of the development of the theatre. It covers the period from 1400-1660, taking into consideration the culture of the times on the social, political, religious, and dramatic levels. The emergence of profane drama with the accompanying innovations in playwriting, acting, scenery, and theatre architecture comprises the substance of the course.

Ca 277 History of the Theatre II 2 credits
Covers the period from 1660-1900.

Ca 279 Oral Interpretation of Literature 2 credits
An introduction to the study of literature from the viewpoint of the oral reader. The study of voice and communication principles as well as the theories of criticism and aesthetics are fused into the re-creative art of oral interpretation. (Performance course)

Ca 382 Journalism 3 credits
An introduction to the basic principles and techniques of journalistic writing. Limited enrollment—priority given to Obelisk staff members and to students preparing to be high school teachers.

Economics

Ec 1 Elements of Economics I 3 credits
Introduction to the major topics of macroeconomics with special attention paid to the roles of saving, investment, consumption, and the Government sector in the determination of equilibrium full employment.

Ec 2 Elements of Economics II 3 credits
Introduction to the major topics of microeconomics with special attention devoted to the factors of production and the payments of rent, wages, interest, and profit. Marginal concepts are introduced and their effect on the factors of production are studied.

Ec 201 Principles of Economics I 3 credits
Introduction to the major topics of microeconomic analysis, including the roles of consumption, saving, investment, government fiscal policies, and the banking systems in the determination of employment, output, and growth.

Ec 202 Principles of Economics II 3 credits
Introduction the major topics of microeconomic analysis. Covers the functioning of the market system, marginal concepts, and distribution theory.
Ec 221 Economics of the Firm

(Prerequisite: Ec 202)

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.

Ec 311 Money and Banking

(Prerequisite: Ec 201)

An extension of Ec 202 into a more detailed study of the role of money and its impact on monetary policy. Studies the operation of the banking systems, monetary theory, and the relationships with fiscal policy.

Ec 312 Macroeconomic Analysis

(Prerequisite: Ec 311)

Further development of macroeconomic theory with special attention devoted to its relationship with monetary theory. Develops the IS-LM approach graphically, and discusses current events in terms of theoretical implications.

Ec 331 Managerial Economics

(Prerequisite: Ec 221)

This course depicts how economic analysis can be used in business decision making. It covers demand analysis, cost concepts, product pricing and other factors that are pertinent to competitive business profit maximization and control.

Ec 381 Labor Economics

(Prerequisite: Ec 202)

This course traces the history of the labor movement in the U.S. and the corresponding economics of the labor market. It covers unionism, collective bargaining, labor legislation, dynamics of labor supply, labor mobility, productivity and the effects of automation, wage structure and determination, and the problems of unemployment.

Education

Ed 001 Introduction to Teaching

This course is designed to test the student's interest in becoming a teacher. It aims at the establishment of teacher identity through discussion of: 1) What the study of education includes and what an individual must know and understand in order to become a teacher, and 2) what the practice of education requires in daily performance and what a career in teaching can offer as a life work.

Successful completion of the course identifies a student as a teacher candidate and admits him into the Secondary Education Program.

Ed 101 Educational Psychology

A critical analysis of the various psychological theories of learning as applicable to teaching. Educational practice in the classroom, involving an understanding of the processes, evaluation of learning, the assessment of individual differences, and the impact of environmental forces on social interaction.

Ed 151 History and Philosophy of Education

A survey of recent and current philosophies of education through the writings of representatives of the major positions together with an historical inquiry into the origin and development of elementary and secondary education in the United States.

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Ed 201  Child Development  

Biological, psychological and social factors in child development from birth to pre-puberty with particular emphasis on cognitive, emotional and personal social functioning. Includes classroom observation as well as opportunity to work with one individual child during an entire semester. During this course taken second semester of sophomore year, candidates for Elementary Teaching are screened.

Ed 221  Content, Methods and Materials of Elementary Subjects  

Applies principles of education in a detailed study of the psychology, content, materials, and methods of teaching reading and other language arts including oral and written language, spelling, penmanship, and children's literature. Social studies including history, geography, and civics stresses the role of the teacher in selection and guidance of a continuity of learning experiences in social living. Planned classroom observation and participation provide opportunities to make practical applications.

Ed 222  Content, Methods and Materials of Elementary Subjects  

This is a continuation of 221 and includes the areas of science, and mathematics with a continued special emphasis on the individual learner. Uses classroom observation and participation as a basis for practice in lesson planning, units, and other preparation for student teaching.

Ed 231  Health and Safety Education  

This course includes such topics as the human body and its functions, care of the body in relation to diet, exercise, sleep and other factors; the causes and prevention of disease; modern public health; and the aspects of safety that pertain to personal, community and school life.

Ed 241-248  Materials and Methods in Special Elementary Fields I and II  

These courses are designed to give special training in fields of interest which will be compatible with teacher assignments in schools that are organized on a departmental basis.

Ed 255  High School Curriculum  

An examination of theories of curriculum development by which curriculum problems and procedures can be evaluated; formulation of clear, comprehensive objectives, and translation of theory into practice in designing curricula for secondary schools.

Ed 261-264  Methods of Teaching in Special Fields on the Secondary Level  

This course is designed to provide special training for students in major areas of their studies and includes laboratory experiences.

Ed 265  Methods of Teaching in the Secondary School  

An exploration of concepts, principles and practices of secondary education; evaluation of diversified methods, including modern teaching techniques, employed in meeting individual and group needs in the secondary school.

Ed 271  Principles of Guidance  

An introduction to the theories and functions of educational and vocational guidance. The topics covered include the study of the individual student, sources of occupational information, educational and vocational counseling, and the pertinent sociological information required to understand community living.
Ed 301  Student Teaching: Elementary Grades  6 credits
   (Prerequisites are: Ed. 101, 151, 201, 221 and 222)
   Provides experience in supervised teaching on two elementary grade
   levels in two public schools of contrasting socio-economic levels. First semester
   seniors begin 20 weeks of observation and student teaching with September
   experiences on opening of public schools. Includes over two weeks of full days
   and the 8:00 A.M. - 12 noon period for 18 weeks. A weekly seminar provides
   opportunities for evaluation and growth in teaching skills.

Ed 311  Tests and Measurements  3 credits
   Provides opportunity to study and evaluate various kinds of tests and
   make practical uses of test results for instructional and other purposes.

Ed 351  Student Teaching and Seminar - Secondary  6 credits
   The student demonstrates his ability to apply classroom theory in an
   actual teaching situation under college supervision and the guidance of a co-
   operating teacher. Opportunity is provided for the utilization of concepts of
   instructional planning, principles of learning, the selection and organization of
   learning experiences, and evaluation procedures.

English

En 1  The English Language: Grammar and Structure  3 credits
   A systematic and practical introduction to the techniques of effective
   writing. The course stresses the rudiments of traditional rhetoric, trains the
   student in the techniques of close and analytical reading, and provides super-
   vised practice in writing of essays.

En 2  The English Language: Rhetoric  3 credits
   A continuation of English 1. This course deals especially with the
   writing of argumentative-expository essays and the application of advanced
   rhetorical principles. Training in basic research methods and a brief study of
   the application of rhetoric in fiction are also provided in the latter weeks of the
   course.

En 107  Studies in Literature  3 credits
   An introduction to basic literary principles and techniques through a
   close analysis of selected poetry.

En 108  Studies in Literature  3 credits
   A continuation of English 101. This course focuses on the principles
   and techniques of drama and fiction. The intention of both courses is to provide
   the students with adequate critical tools to appreciate and evaluate various forms
   of literature which they will encounter in later reading.

En 207  History of the English Language  3 credits
   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.

En 208  Survey of British Literature I  3 credits
   The basic historical survey course presenting the major literary works,
   from Beowulf to the Lyrical Ballads, in their context. Shakespeare's dramatic
   works are excluded from this course; see En 265.

En 209  Survey of British Literature II  3 credits
   A continuation of the basic survey course with extensive readings of
   major literary figures from Wordsworth to T. S. Eliot.
En 235  British Drama  3 credits
An examination of selected plays beginning in the medieval period through the eighteenth century. Emphasis will be on intrinsic literary values, with some attention to historical trends and theatrical conventions.

En 239  Modern Drama  3 credits
A study of the modern drama, since Ibsen, not restricted to British and American limits. Ibsen, Chekhov, Pirandello, O'Neill, Shaw, and Miller are usually among the readings assigned.

En 265  Shakespeare  3 credits
The study of Shakespeare's plays and their relation to the Elizabethan era. Generally this study will focus on the major tragedies (Hamlet, Macbeth, Othello, King Lear) and a representative comedy and history play.

En 252  Survey of American Literature: I  3 credits
A critical analysis of early American writing, seen in its historical context. Major writers studied include Edwards, Poe, Emerson, Thoreau, Hawthorne, and Melville.

En 253  Survey of American Literature: II  3 credits
A critical analysis of American writing from the Civil War era to the present. Major writers studied include Whitman, Dickinson, Twain, James, Hemingway, and Faulkner.

En 254  American Novel  3 credits
Extensive readings in the American novel with some attention to the historical context. Representative writers would include Melville, Hawthorne, Twain, James, Hemingway, and Faulkner.

En 282  Continental Literature: I  3 credits
A study of continental masterpieces, in translation, from the ancient world to the Renaissance. (E.g. Homer, Sophocles, Virgil, Dante).

En 283  Continental Literature: II  3 credits
A study of continental masterpieces, in translation, from the Renaissance to the present.

En 310  Medieval Literature  3 credits
A study of literature during the Middle English period with special emphasis on Chaucer and his contemporaries.

En 311  Sixteenth Century Literature  3 credits
The prose and poetry of the sixteenth century including works by Skelton, More, Erasmus, Wyatt, Surrey, Sidney, Spenser, and the non-dramatic poetry of Shakespeare.

En 312  Seventeenth Century Literature  3 credits
The prose and poetry of the seventeenth century with special emphasis on Milton.

En 313  Neo-Classicism  3 credits
A study of selected prose and poetry from the Restoration through the eighteenth century with special attention to Dryden, Pope, Swift, and Johnson.

En 314  Nineteenth Century Literature  3 credits
A study of the major works of the Romantic and Victorian periods, with the exclusion of the novel (see En 341).

En 325  Modern British and American Poetry  3 credits
The development of modern poetry in England and America. Poets studied include Hopkins, Yeats, Frost, Eliot, Thomas.
En 341  Eighteenth and Nineteenth Century British Novel  3 credits
A study of the development of the novel in England. Although the
historical context will be considered, the main emphasis will be on the analysis
of the art and craft of the individual novels being read. The reading list will
usually include novels by Richardson, Fielding, Austen, Dickens, Trollope,
Thackeray, and Hardy.

En 342  Twentieth Century British Novel  3 credits
A study of the major British novelists, including Conrad, Joyce, and
D. H. Lawrence. Emphasis will be on the close reading analysis of the novel,
but the historical context will also be considered.

En 378  Creative Writing  3 credits
Introduction to the techniques of short story writing, with some atten-
tion to the problems of other forms. Close direction and criticism of manu-
scripts by the instructor.

En 385  Ideological Influences in Literature  3 credits
An analysis of the socio-religious influences on the content and form
of modern writing by Catholics. The emphasis is on the works of intrinsic
literary merit (e.g., Greene, Mauriac, Powers, O'Connor) and how they are
related to the modern developments within Catholicism.

En 387  Children's Literature  3 credits
An introduction to the study of children's literature. Consideration will
be given to the literary qualities of such writing and the techniques of teaching
literature to younger children. Enrollment limited to students preparing to be
elementary school teachers.

En 390  Literary Criticism  3 credits
The history and methods of literary criticism. A synthesis of the basic
issues, speculations, and practices of literary critics through the ages, and an
introduction to the various modern schools of critical approaches to literature.

En 391  Departmental Seminar  3 credits
Advanced literary studies on a particular subject to be announced by
bulletin prior to registration for the semester in which it is offered. Typical

Fine Arts

Fa 101  Music Appreciation I  2 credits
An introduction to the literature, materials and structure of music and
to the art of music in its historical and cultural context. Emphasis upon music
of the eighteenth and nineteenth centuries. No previous study of music required;
open to all students.

Fa 102  Music Appreciation II  2 credits
(Prerequisite: Fa 101)
Continuation of Fa 101 with emphasis upon music of Renaissance,
Baroque and Contemporary periods. Opportunity for investigation of special
interest areas.

Fa 301  Methods of Teaching Music in Elementary Schools  2 credits
(Prerequisite: Fa 201)
Methods, materials and goals in teaching music in the elementary
school classroom. Includes practical application of musical skills and directed
observation of elementary music classes.
Fa 151 History and Appreciation of Art  
A development in the understanding of architecture, sculpture and painting, including a study of a limited number of works in these arts in the principal historical periods. The relationship of each of these periods to each other and to the social and historical background. Includes slide lectures and assigned reading.

Fa 152 History and Appreciation of 20th Century Art  
(Prerequisite: Fa 151)  
A continued study and analysis of architecture, painting and sculpture with emphasis on the major works of the 20th century. Includes slide lectures and assigned reading.

Fa 161 Fundamentals of Design  
A study of time and spatial organization. The elements and principles of design. A course of studies especially designed to develop creative thinking.

Fa 166 Design and Appreciation of Art  
A development in understanding of architecture and painting through an analysis of design fundamentals. Includes design problems in various materials and media.

Fa 231 The Chorale  
A study and performance of chorale music from a wide range of historical periods and styles.

Fa 251 History of Ancient and Medieval Art  
(Prerequisite: Fa 151 or Fa 166)  
History of Art in the ancient Mediterranean world from early Greek Art through the Gothic period. Includes slide lectures and reading.

Fa 252 Art of the Renaissance in Italy and Northern Europe  
(Prerequisite: Fa 151 or Fa 166)  
History of the major arts in Europe from the thirteenth to the seventeenth centuries. Includes slide lectures and reading.

Fa 253 European Art of the Seventeenth to the Twentieth Centuries  
(Prerequisite: Fa 151 or Fa 166)  
History of European art from the Baroque era to Post-Impressionism. Includes slide lectures and reading.

Fa 254 Twentieth Century Art: 1900-1925  
(Prerequisite: Fa 152)  
A study of the movements and leading personalities in Western painting, sculpture and architecture from 1900-1925. Includes slide lectures and reading.

Fa 255 Twentieth Century Art: 1925 to Date  
(Prerequisite: Fa 152)  
A study in leading personalities and movements in Western painting, sculpture and architecture. Includes slide lectures and reading.

Fa 256 Art in America  
(Prerequisite: Fa 151 or Fa 166)  
History of art in the English colonies and the United States from the seventeenth century to the present. Includes slide lectures and assigned reading.

Fa 281 Introduction to Art  
Designed to help the student understand the visual arts through solving problems in color, drawing, painting, pasting and 3-D materials.
Fa 282 Introduction to Drawing  
2 credits  
Problems in elementary drawing in a variety of media for a fundamental knowledge of creative expression stressing composition and observation. A preparation in the graphic expression of form, line and space indication.

Fa 283 Basic Drawing  
(Prerequisite: Fa 282)  
2 credits  
Continuation of Fa 102 with emphasis on pictorial organization and expansion of students visual perception. Related emphasis in developing deeper aesthetic appreciation and understanding of structural characteristics of man-made and natural forms.

Fa 287 Introduction to Oil Painting  
2 credits  
Painting concepts and problems as a creative experience: study of natural and imaginative form with emphasis on basic organization of space through control of drawing, value and color.

Fa 291 Painting I  
(Prerequisite: Fa 287)  
2 credits  
A continuation of the principles of painting through a series of problems leading the student to a deeper understanding of pictorial expression through control of drawing, value and color.

Fa 331 Advanced Chorale  
2 credits (per year)  
Further study and performance of chorale music from a wide range of historical periods and styles.

History

Hi 1 Growth of Western Civilization to 1715  
3 credits  
A basic survey which seeks to explain the religious, intellectual, social, and economic evolution of Western Civilization.

Hi 2 Growth of Western Civilization since 1715  
3 credits  
Continuation of History 1. The course presents the major historical trends in the eighteenth, nineteenth, and twentieth centuries.

Hi 121 United States History to 1865  
3 credits  
Growth of the United States from Colonial foundations to the end of the war between the States. Constitution; early years of the republic; Jacksonian democracy, westward expansion; sectionalism, slavery and war.

Hi 122 United States History since 1865  
3 credits  
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 and World War II.

Hi 201 Historical Method and Criticism  
3 credits  
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 207 The French Revolution and Napoleon (1763-1815)  
3 credits  
An explanation of the “enlightened” philosophy of the Revolution and its effect on the bourgeois mind; nationalistic response to foreign invasion; the rise and decline of the Napoleonic empire.
Hi 209 Nineteenth Century Europe (1815-1871)  
Traces conflict in nineteenth century continental Europe between the conservative land-owning aristocracy, the liberal urban bourgeoisie, and the rising proletariat. The ideological heritage from the French Revolution and the complex results of the Industrial Revolution are stressed. The revolutionary wars of 1830 and 1848 and the struggle for national unity in Germany and Italy are considered in detail. Major attention concentrated on France, Germany, Italy, and Austria.

Hi 211 Modern Europe (1870-1920)  
Describes the dominant political, social, and intellectual trends of this era, with special emphasis on the climate of international anarchy that produced World War I.

Hi 213 Contemporary Europe (1920-1965)  
Explains contemporary Europe in terms of its historical evolution since 1920.

Hi 221 American Colonial Foundations and Constitutional Period  
The origin and development of an American society out of European elements, and the New World environment. The American Revolution, the establishment and implementation of early national, political and economic institutions; conflicts between states, localities, and economic groups; the emergence of political parties; the decline of aristocracy.

Hi 222 The United States Civil War and Reconstruction  
Remote and immediate causes of the Civil War; problems of the North and South during the war; consequences of the war; the efforts to create a new Union, and new problems created by those efforts.

Hi 223 The United States in the Twentieth Century  
The transition of the United States from isolation to world power; the careers of Theodore Roosevelt and Woodrow Wilson; World War I; the 20's; the Great Depression; World War II.

Hi 225 Afro-American History  
A study of the forced migration of the African to America, the condition and nature of his servitude, the development of abolitionism culminating in emancipation, the twilight zone of freedom, the growth of the civil rights and Black Power movements and an analysis of the psychic and cultural implications of racism.

Hi 227 The Age of Jefferson and Jackson (1800-1845)  
The growth of the democratic spirit; the Second War for American Independence; the development of laissez-faire capitalism; Transcendentalism.

Hi 229 The Age of Enterprise (1877-1900)  
The triumph of laissez-faire capitalism; agrarian discontent; origins of Populism; Social Darwinism; rise of Naturalism; election of 1896 as watershed in American history; the creation of an American empire.

Hi 231 The History of Modern Russia  
A study of the political, social, economic and cultural developments in Russia with emphasis on the Revolution and those events and doctrines which have shaped the Soviet Union.

Hi 252 The Middle Ages  
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 credits
A study of the transition from medieval to modern society through an investigation of the political, social, economic, religious and cultural factors involved in the change.

Hi 257  Tudor and Stuart England (1485-1688)  3 credits
A study of English society and government from the time of Henry VIII to the Glorious Revolution. Special emphasis will be placed on the religious, social, and economic changes involved in the Reformation and the Puritan Revolution.

Hi 259  The Constitutional History of Great Britain  3 credits
A study of British governmental and legal institutions from the Medieval period to the present.

Hi 262  The History of Britain since 1815  3 credits
Economic, social and political developments in the British Isle and their relation to foreign affairs.

Hi 264  The British Empire and Commonwealth  3 credits
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 280  History of Modern East Asia  3 credits
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 285  Modern Germany  3 credits
The political, economic, social and intellectual development of Germany from the Napoleonic period to Adenauer: state and society, nationalism, unification, Realpolitik, world war, democracy and Fascism, postwar division.

Hi 301  The Social and Intellectual History of Europe since the Eighteenth Century  3 credits
Traces in broad lines significant changes in European thought and culture from Rationalism to contemporary intellectual and social change.

Hi 303  Emergence of Urban America  3 credits
This course will deal with the development of American cities from colonial times to the present.

Hi 321  United States Constitutional History  3 credits
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 Diplomatic History  3 credits
The diplomacy of the American Revolution, the struggle for neutral rights, the Monroe Doctrine, relations with Latin America and the Far East, relations with Panama, diplomatic trends after World War I and World War II.

Hi 325  United States Intellectual History  3 credits
Evolution of the "American mind" through three centuries of transition to the Twentieth Century; concentration on contemporary themes; conservative-liberal dialogue in American history.

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Mathematics

Mt 0 Basic Mathematics 0 credits
A review of High School mathematics for those without the proper background to be admitted to Mt 1.

Mt 1 Modern College Mathematics I 3 credits
Set theory; the logical method; systems of numeration; functions, the real numbers; algebraic processes; equations and inequalities; complex numbers; graphs of relations. Analytic trigonometry.

Mt 2 Modern College Mathematics II 3 credits
Continuation of Mt 1. Matrices; determinants; systems of equations; combinatorial theory and probability; progressions. Introductory Statistics. Algebraic systems.

Mt 5 Probability and Statistics 3 credits
Important discrete distributions; sampling theory of large and small samples. Estimating population mean and proportion; test hypotheses.

Mt 6 Introduction to Computer Science 3 credits
(Prerequisite: Mathematics 2)
To train career specialists in computer science. Description of the computer and its logical structure; functions of the parts of a computer. Algorithms, programming languages; problems solving in numerical and non-numerical analysis.

Mt 10 Pre-calculus 3 credits
For the prospective Math major without the proper background to take Mt. 13. Set theory and symbolic logic. Definition of function and algebra of functions. Polynomial and rational functions. Analytical trigonometry.

Mt 13 Introductory Calculus 3 credits
(Prerequisite: Mt 10 or passing departmental test)
First credit course 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.

Mt 14 Mathematical Analysis I 4 credits
(Prerequisite: Mathematics 13)

Mt 103 Linear Algebra 4 credits
(Prerequisite: Mathematics 13)

Mt 104 Mathematical Analysis II 4 credits
(Prerequisite: Mathematics 14)

*No credit toward Mathematics Major.
Mt 106  Probability and Mathematical Statistics  3 credits
(Prerequisite: Mathematics 14)
For Math majors. Probability as a mathematical system; random
variables and their distributions; sequences of random variables. Markov
chains. Stochastic processes. Statistical inference; estimation; regression; analysis of
variance.

Mt 201  Advanced Multivariable Calculus  3 credits
(Prerequisite: Mathematics 103 and 104)
Mappings from E^n to E^m. Continuity; Jacobians; chain rule for dif-
ferentiation. 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. Partial differential equations.

Mt 221  Abstract Algebra  3 credits
(Prerequisite: Mathematics 103)
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. Galois theory.

Mt 222  Geometry  3 credits
(Prerequisites: Mathematics 103 and 104)
Especially for secondary teachers. A thorough and exact treatment of
Euclidean geometry. Incidence and separation properties of planes and space.
Distance and angular measurement functions. The synthetic approach. Area
theory. Circles in a plane. The theory of groups applied to transformations in
the plane and in space, particularly isometrics and similarities. Inversion in a
circle and in a sphere. The golden section. Ordered geometry.

Mt 223  Differential Geometry  3 credits
(Prerequisite: Mathematics 222)
The geometry of curves and surfaces in Euclidean 3-space, with exten-
sive use of linear algebra. Frenet equations. Introduction to differential forms.
Differential manifolds. Geometry of surfaces in 3-space. Intrinsic geometry of
surfaces.

Mt 231  Numerical Analysis  3 credits
(Prerequisite: Mathematics 104)
Solution of equations. Functional iteration of nonlinear equations.
Polynomial approximations; interpolation and quadrature. Initial value problems.
for ordinary differential equations. Matrix inversion and matrix characteristic
values.

Mt 232  Applied Mathematics  3 credits
(Prerequisite: Mathematics 201)
"A course to illustrate the principles and basic styles of thought in
solving physical problems by mathematical methods."

Mt 234  Computer Technology  3 credits
(Prerequisite: Mathematics 104)
Introduction to functional units for digital computers. Fundamentals of
programming. Fortran languages. Laboratory work and assignments in full size
digital computers.

Mt 311  Real Analysis I  3 credits
(Prerequisite: Mathematics 201)
The real numbers. Dedekind completeness; Archimedean property,
set terminology; cardinality; topology and limits in metric spaces; Euclidean
spaces; algebra of continuous functions; Differentiation.

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Mt 312 Real Analysis II  
(Prerequisite: Mathematics 311)  
3 credits  
The Riemann integral; its existence. Riemann-Stieltjes integration.  
Series of numbers, series of functions; Weierstrass approximation theorem.  
Series expansions in powers and in orthonormal systems; Fourier series.

Mt 313 Real Analysis  
(Prerequisite: Mathematics 201)  
3 credits  
Series of numbers and of functions.

Mt 314 Complex Analysis  
(Prerequisite: Mathematics 201)  
3 credits  
The algebra and geometry of complex numbers. Metric spaces. Analytic  

Mt 315 Topology  
(Prerequisite: Mathematics 311 or 313)  
3 credits  
Open and closed sets; limits: continuous maps. Connected spaces,  
compact spaces. Metric spaces with an emphasis on the real line, the plane and 3-space.

Mt 316 Mathematical Logic  
(Prerequisite: Mathematics 201)  
3 credits  
Statements, the syllogism, proof, and deduction. Formal systems and  
related logical algebra.

Modern Languages

FRENCH

Fr 1* Elementary French I  
3 credits  
Essentials of French grammar, reading basic texts, speaking and writing  
simple French sentences. Acceptable pronunciation stressed.

Fr 2* Elementary French II  
(Prerequisite: French I or equivalent)  
3 credits  
Continuation of French I

Fr 51* Intermediate French I  
(Prerequisites French II or equivalent)  
3 credits  
Review and intensified study of French grammar, reading of short  
works, vocabulary building, composition, and conversation.

Fr 52* Intermediate French II  
(Prerequisite: French 51 or equivalent)  
3 credits  
Acquaints the student with one or two of the great works of French  
literature. Only complete works are read. Successful completion of this course  
attests to a reading knowledge of French.

Fr 101-102 French Composition and Grammar I and II  
6 credits  
(Prerequisite: French 52 or equivalent)  
More complex grammar; enrichment of vocabulary, and improvement  
of proficiency in speaking, reading, writing, and translating, based on literary  
and cultural texts.

*Language laboratory required.
Fr 111-112 Conversational French I and II  6 credits
(Prerequisite: French 52 or equivalent)
An integrated study of French as it is spoken and written today.

GERMAN

Ge 1* Elementary German I  3 credits
Essentials of grammar, reading simple texts. Rapid oral comprehension
and acceptable pronunciation stressed.

Ge 2* Elementary German II  3 credits
(Prerequisite: German I or equivalent)
Reading of narrative and expository works. Expansion of active vocabu-
larly. A continuation of German I.

Ge 51* Intermediate German I  3 credits
(Prerequisite: German 2 or equivalent)
Grammar, extensive reading, composition and exercises in conversation.
Discussions will serve as an introduction to German civilization.

Ge 52* Intermediate German II  3 credits
(Prerequisite: German 51 or equivalent)
Students completing German 52 will have acquired skill in reading
literary German as well as general contemporary prose.

Ge 101-102 Survey of German Literature I and II  6 credits
(Prerequisite: German 52)
Reading in German literature from the earliest times to the present day.
Discussion on aspects and phases of German culture.

ITALIAN

It 1* Elementary Italian I  3 credits
Essentials of Italian grammar, reading of basic texts, speaking and
writing sentences. Acceptable pronunciation is stressed.

It 2* Elementary Italian II  3 credits
(Prerequisite: Italian I or equivalent)
Continuation of Italian I.

It 51* Intermediate Italian I  3 credits
(Prerequisite: Italian II or equivalent)
Review and intensified study of Italian grammar, reading of short
works, vocabulary building, composition, and exercise in conversation.

It 52* Intermediate Italian II  3 credits
(Prerequisite: Italian 51 or equivalent)
Acquaints students with one or two of the great works of Italian
literature. Only complete works are read. Successful completion of this course
provides a reading knowledge of Italian.

It 101-102 Italian Composition and Grammar I and II  6 credits
(Prerequisite: Italian 52 or equivalent)
More complex grammar; enrichment of vocabulary, and improvement
of proficiency in speaking, reading, writing, and translating, based on literary
and cultural texts.
*Language laboratory required.
It 111-112 Conversational Italian I and II 6 credits
(Prerequisite: Italian 52 or equivalent)
An integrated study of Italian as it is spoken and written today.

It 201-202 Survey of Italian Literature I and II 6 credits
(Prerequisite: Italian 52 or equivalent)
Rapid review of some of the great Italian writers from earliest times to the present day, using anthology, library readings, and reports.

SPANISH

Sp 1* Elementary Spanish I 3 credits
Essentials of Spanish grammar, reading of basic texts, speaking and writing sentences. Acceptable pronunciation is stressed.

Sp 2* Elementary Spanish II 3 credits
(Prerequisite: Spanish I)
Continuation of Spanish I

Sp 51* Intermediate Spanish I 3 credits
(Prerequisite: Spanish II or equivalent)
Review and intensified study of Spanish grammar, reading of short works, vocabulary building, composition, and exercise in conversation.

Sp 52* Intermediate Spanish II 3 credits
(Prerequisite: Spanish 51)
Acquaints students with one or two of the great works of Spanish literature. Only complete works are read. Successful completion of this course attests to a reading knowledge of Spanish.

Sp 101-102 Spanish Composition and Grammar I and II 6 credits
(Prerequisite: Spanish 52 or equivalent)
More complex grammar; enrichment of vocabulary, and improvement of proficiency in speaking, writing, and translating, based on literary and cultural texts.

Sp 111-112 Conversational Spanish I and II 6 credits
(Prerequisite: Spanish 52 or equivalent)
An integrated study of Spanish as it is spoken and written today.

Sp 201-202 Survey of Spanish Literature I and II 6 credits
(Prerequisite: Spanish 52 or equivalent)
Rapid review of some of the great Spanish writers from earliest times to the present day, using anthology, library readings, and reports.

Philosophy

Ph 103 Basic Problems in Philosophy I 3 credits
Study of the origin and development of philosophical inquiry in Greece—from cosmos to man; knowledge; logic; and the relation of philosophy to other disciplines.
*Language laboratory required.
Ph 104 Basic Problems in Philosophy II
Study of being; body and soul; the ethical good; and political philosophy.

Ph 111 Principles of Philosophy
Investigation into theories of knowledge (Epistemology); and study of the Aristotelian structuring of thought (Logic).

Ph 150 Historical Survey of Philosophy I
Survey of the major philosophical positions of the ancient and medieval eras.

Ph 241 Medieval Philosophy
(Prerequisite: Philosophy 221)
Selective survey of medieval philosophy from Augustine to the Renaissance.

Ph 250 Historical Survey of Philosophy II
Survey of the major philosophical positions of the modern and contemporary eras.

Ph 271 Problem of Being
Examination of theories of reality.

Ph 276 Problem of Knowledge
Examination of theories of knowing.

Ph 278 Problem of Value
Examination of theories of the ethical good.

Ph 301 The Pragmatic Trend
Study of the American school of pragmatists.

Ph 306 The Existential Trend
Study of the European school of existentialists.

Ph 311 The Analytic Trend
Study of the language analysis school.

Ph 361 Modern Philosophy
(Prerequisite: Philosophy 241)
Selective survey of modern European philosophy from the Renaissance to Kant.

Ph 381 Contemporary Philosophy
(Prerequisite: Philosophy 361)
Selective survey of contemporary philosophy from Hegel to the present.

Physics

Py 111 General Physics I
(Prerequisite: Mathematics 10)
Vector calculus; equilibrium of a rigid body; motion; special relativity; gravitation; work and energy; impulse and momentum; rotation; elasticity; hydrostatics; hydrodynamics; heat; temperature; transfer of heat; thermodynamics; waves; vibrating bodies; acoustics.
Political Science

Po 101 Principles of Government 3 credits
Introduction to the study of principles, institutions, and practices of Government and Politics. Necessary background information for the understanding of terms, ideas, and objectives that underline our changing twentieth-century politics.

Po 161 Political and Economic Geography 3 credits
The role of geographic factors and natural resources in national power and international relations of the United States and other world powers.

Po 211 American Federal Government 3 credits
An analysis of society, authority and common good. Forms of government. The constitution, structure, operation and functions of the three branches.

Po 212 State and Local Government 3 credits
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 and its divisions.

Po 215 American Political Parties 3 credits
Organization and operation of political parties and pressure groups, and their interrelations. Voters, political campaigns, elections.

Po 231 Comparative Government 3 credits

Po 241 International Politics 3 credits
Factors influencing and determining relations among nations; problems of world peace and security; geopolitics.

Po 242 International Organizations 3 credits
Origin, organization, activities, and goals of various types of international units. The United Nations: structure, goals, and means.

Po 301 Development of Political Theory 3 credits
A survey of political thought from Plato and Aristotle to the present century.

Po 311 Latin American Governments and Parties 3 credits
The structure, functioning, recent history, and contemporary problems of government and political parties in Latin America.

Po 321 Public Administration 3 credits
Nature of public administration; structures and statutory limitations; staff organization and flow of command; employment policies, personnel training and management; employee organization; public relations.

Po 341 International Law 3 credits
The relations among nations as regulated by legal concepts and practices in international affairs. War and peace, neutrality and non-belligerency.
Psychology

Ps 1* Elements of Psychology 3 credits
Introduction to the basic psychological factors of human behavior, with emphasis on the understanding of personal, family, social and industrial life situations.

Ps 101 General Psychology 3 credits
Introduction to psychology as the science of behavior; focusing on the individual as an adapting biological system. Includes history and methodology of Psychology, discussion of the principles of learning, and related basic topics. (perception, emotion, motivation, etc.)

Ps 131 Dynamics of Behavior 3 credits
Introduction to psychodynamic study of personality development and psychopathology; role of needs, motives, values and conflicts in understanding of human behavior.

Ps 151 Introductory Statistics 3 credits
(Prerequisite: Ps 101)
An introduction to the basic concepts and techniques of descriptive and inferential statistics.

Ps 203 Experimental Psychology I 4 credits
(Prerequisite: Ps 101 & 151)
A laboratory course emphasizing both the method and content of psychological experimentation in the areas of sensation, perception, emotion, motivation, human and animal learning. Two lecture and four laboratory hours per week.

Ps 204 Experimental Psychology II 4 credits
Continuation of Ps 203

Ps 211 Statistical Inference I 2 credits
(Prerequisite: Ps 151)
An expansion of Ps 151 with emphasis on testing for significant differences, drawing inferences, and making predictions from the data gathered in the laboratory portions of Ps 203.

Ps 212 Statistical Inference II 2 credits
(Prerequisite: Ps 211)
An expansion of Ps 151 with emphasis on testing for significant differences, drawing inferences, and making predictions from the data gathered in the laboratory portions of Ps 204.

Ps 215 Social Psychology 3 credits
(Prerequisite: Ps 101-131)
An introduction to the basic areas of social psychology. Topics include socialization; cognition and interpersonal perception; attitude; the concepts of role; the influence process; several aspects of group processes, leadership and conformity. (This course also listed under Sociology as So 215)

Ps 231 Research Methods - Social Psychology 3 credits
(Prerequisites: Ps 131 & Ps 215)
A research oriented course of the nature of human social behavior, with focus on the individual, social interaction, and group dynamics and structure.

Ps 241 Psychology of Personality 3 credits
(Prerequisites: Ps 101)
Research-oriented approach to theories of personality development, and personality assessment.

*A.A. Credit
Ps 252 Child Developmental Psychology 3 credits
   (Prerequisites: Ps 101)
   Biological, psychological and social factors in child development from
   birth to pre-puberty with particular emphasis on cognitive, emotional and per-
   sonal social functioning.

Ps 272 Adolescent Developmental Psychology 3 credits
   (Prerequisite: Ps 252)
   Physical, emotional and social development in adolescence; the nature
   of adolescent rebellion; criteria for psychological maturity and adulthood.

Ps 285 Psychological Counseling I 3 credits
   (Prerequisites: Ps 101)
   This course will cover the philosophy of counseling, the nature of coun-
   seling and the basic theoretical issues involved in counseling. Included will be an
   introduction to the meaning of the counseling experiences which together with
   the foregoing will serve as a preparation for psychological counseling II.

Ps 292 Systems and Theories of Psychology 3 credits
   (Prerequisites: Ps 101)
   An historical survey of theoretical formulations and systems in psy-
   chology with evaluation of the contributions of structuralism, functionalism,
   behaviorism, Gestalt psychology, psychoanalysis, learning theory, and the
   psychiological orientation.

Ps 301 Basic Concepts in Psychology I 3 credits
   A senior seminar devoted to basic concepts and controversies in
   psychology: topics include the nature of psychological theory and constructs in
   contemporary psychology.

Ps 302 Basic Concepts in Psychology II 3 credits
   Continuation of Ps 301.

Ps 305 Psychological Research I 3 credits
   A senior course in which selected students conduct original independent
   research culminating in a formal written report at the end of the semester.

Ps 306 Psychological Research II 3 credits
   A continuation of Ps 305.

Ps 311 Abnormal Psychology 3 credits
   (Prerequisite Ps 241)
   The concepts of “mental health” and “abnormality”; types of psycho-
   pathology; biological, epidemiological, actuarial, clinical and developmental
   perspectives on abnormal behavior.

Ps 321 Psychological Counseling II 3 credits
   (Prerequisite: Ps 285)
   The goals of counseling and the various dimensions of therapeutical
   relationships will be studied. General and specific problems connected with the
   practical processes of counseling such as the function of case of records will be
   analyzed.

Ps 322 Seminar in Interpersonal Relationships 3 credits
   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.

Ps 331 Psychological tests and Measurements 3 credits
   (Prerequisite: Ps 101)
   Principles of test theory in psychology; validity, reliability and stan-
   dardization of tests; survey of representative types of tests and measurements.
Ps 351 Physiological Psychology
(Prerequisites: Ps 101 & Bi 21)
Development, anatomy and functions of the nervous and endocrine systems; psychological reactions associated with neurological and endocrinological dysfunction.

Ps 396-397 Field Experience in Psychology 1-6 credits
Supervised participation in practical work or research of a psychological nature in an appropriate setting, e.g., psychiatric hospital, research institute, etc. By permission of Department Chairman only.

Religious Studies

Rs 21* Theories of Religion 3 credits
An introduction to some of the major classical and contemporary theories on the nature and functions of religion.

Rs 22* Problems of Religion 3 credits
An introduction to some of the major classical and contemporary religious problems.

Rs 111** Christianity in the Modern World 2 credits
The meaning and relevance of Christianity in the world of today.

Rs 121*** Christian Systematics 2 credits
A consideration of selected questions in systematic theology in their historical development and current status.

Rs 122*** Christian Ethics 2 credits
A study of the traditional and contemporary views regarding the nature of morality, especially natural law and situation ethics.

Rs 212 Living Religions of the World 3 credits

Rs 216 Modern Jewish Life and Thought 3 credits
Discussion of the many facets of modern Judaism, including marriage, education, festivals, religious traditions, ethical questions, from its development in the Biblical-Torah basis to the present.

Rs 218 American Protestantism 3 credits

Rs 226 The Theology of the Gospel of John 3 credits
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 228 Jesus: God or Man? 3 credits
An attempt to reach the preaching and consciousness of the historical Jesus from a proper methodological examination of the documents. A study of the response of the early community to the Jesus event through an analysis of the names of Jesus.

*Required of all students who enter in September, 1969
**Required of all students who entered the A.A. program before September, 1969
***Required of all students who entered the B.A. program before September, 1969
Rs 238 Power and Authority in the Church  3 credits
A study of the historical and political forces that have shaped or distorted the nature of power and authority in the Roman Catholic Church and some projections for the future.

Rs 240 Faith and Unbelief  3 credits
The problem of faith in the modern world. Contemporary views regarding the nature of faith. The future of belief.

Rs 244 Atheism and Secularism  3 credits
The contemporary phenomenon of unbelief in the individual and in society. Particular attention to the question of a “religionless Christianity.” A seminar course based on extensive reading and discussion of the current literature.

Rs 252 Contemporary Moral Questions  3 credits
A detailed study of human morality in its personal and social dimensions. A seminar course based on extensive reading and discussion of the current literature.

Rs 256 Christian Marriage  3 credits
An exploration of the modern understanding of the nature of marriage in the light of theological conclusions about the nature of person, of man and woman, of sex, of sacrament. Analysis of Christian moral teachings in the light of historical evolution in the Church.

Rs 268 Search for God in the Modern Novel  3 credits
Man’s search for selfhood, value, and meaning in the writings of Dostoevsky, Wolfe, Kafka, Camus, Salinger, Orwell and Williams related to the problem of God.

Rs 270 Christian Mysticism  3 credits

Rs 284 The Thought of Teilhard de Chardin  3 credits
The evolutionary world vision of Teilhard de Chardin and its impact upon Christian theology. Readings will include The Phenomenon of Man, The Divine Milieu, and Correspondence.

Social Science

Ss 1-2 Elements of Social Science I and II  6 credits
A survey course of social sciences with an analysis of anthropology, sociology, psychology (first semester), economics, government, and international relations (second semester) and of their interrelations. Special emphasis is placed on the culture concept and all the phases of social life are treated as closely related aspects of the cultural development.

Ss 121-122 Development of American Institutions I and II  6 credits
An analysis of principles concerning the basic structure and function of the American society. Man’s social nature and his cultural heritage are treated with emphasis on social control, the family, economic, governmental and religious institutions as they developed from colonial times to the present.

Ss 151 The Christian Society  2 credits
Analysis of the modern society and its Christian ingredients that made the society of western civilization distinct and different from the societies not affected by Christianity.
Ss 161 Political and Economic Geography 3 credits
The role of geographic factors and natural resources in national power and international relations of the United States and other Nations.

Ss 162 Contemporary Public Issues 3 credits
Study of major current issues in the field of politics, economics, and social life in general. Analysis of their reason for existing and differences in social attitudes and positions.

Ss 165 Cultural Geography: The European World 3 credits
Human and cultural geography of regions occupied by Europeans: Europe and USSR, Central and South America, USA and Canada, New Zealand-Australia, South African Subregion.

Ss 166 Cultural Geography: The Afro-Asian World 3 credits
Human and cultural geography of the non-European regions: Central Africa, Afro-Asian Dryland, Orient, Pacific Culture Region.

Sociology

So 101 Principles of Sociology 3 credits
Introduction to the fundamental concepts of sociological analysis and its basic empirical findings regarding the development, structure, and function of human groups and societies, with emphasis on the descriptive comparison of modern complex societies.
Basic course, prerequisite to all courses in sociology with the exception of So 151 and So 121.

So 121 Social Problems 3 credits
(Prerequisite: Sociology 101)
Recommended for partial fulfillment of the requirements for the Secondary Education Certificate in History and Social Studies.

So 151 Cultural Anthropology 3 credits
Study of the origin and development of human culture. Emphasis is placed on such areas of cultural expression as language, religion and art as well as cultural change, food acquisition and kinship in primitive societies.

So 211 Statistics for Social Science 3 credits
Elements of statistics in their relevance for research in Sociology.
Recommended for students planning to go to graduate school for the M.A. Degree in Sociology.

So 215 Social Psychology 3 credits
(Prerequisite: Sociology 101 or Psychology 101)
Introduction to the basic areas of social psychology. Topics include socialization, cognition and interpersonal perception; attitude; the concept of role; the influence process several aspects of group processes; leadership and conformity. (This course also listed under Psychology as Ps 215)
So 231  Marriage and the Family  3 credits
(Prerequisite: Sociology 101)
Family as a major social institution. Changing role—structure and functions of the modern family; rural-urban, social class, racial and ethnic differences in family organization; marriage and family as a developing system of interpersonal relationship.
Required in both sequences of the sociology major concentration of studies.

So 241  The Urban Community  3 credits
(Prerequisite: Sociology 101)
Study of growth and structure of modern urban communities and metropolitan regions; ecology of cities; the urbanization of American society; community planning and urban redevelopment; suburban growth.

So 261  Intergroup Relations  3 credits
(Prerequisite: Sociology 101)
Immigration to the United States; its effects on population composition and on the laws and policies of the government. Theories of ethnic prejudice. Analysis of racial and ethnic discrimination. Analytical inquiry into sources of friction and causes of conflict between majority and minority groups.
Required for both sequences of the sociology major concentration of studies.

So 271  Crime and Delinquency  3 credits
(Prerequisite: Sociology 101)
The nature and extent of delinquency and crime as forms of deviant social behavior; contributing factors; current prevention and treatment programs. Visits to treatment agencies.
Recommended for the Sequence B of sociology major concentration of studies.

So 297  Sociology of Religion  3 credits
(Prerequisite: Sociology 101)
The origin and development of religious institutions. The Sociological approach to an interpretation of religion and an understanding of its human significance.

So 303  Sociological Theories  3 credits
(Prerequisite: Sociology 101)
The origin and development of social thought in Europe and America in terms of its recurrent problems, its basic concepts, and its relation to contemporary sociological theory.
Required in the Sequence A for sociology major concentration of studies.

So 321  Contemporary Social Thought  3 credits
(Prerequisites: Sociology 303, or consent of the Department Chairman)
Analysis of the work of leading contemporary sociologists, with special emphasis on the problems, concepts, and methods of sociological inquiry. Recommended for students planning to do graduate work in sociology.

So 364  Public Opinion and Propaganda  3 credits
(Prerequisite: Sociology 101)
Study of the forces which mold the public mind; the practice of propaganda by pressure groups; public relations and their effects on public life.
So 371 Social Welfare
*(Prerequisite: Sociology 101)*
Study of social welfare as a social institution. Development of public
welfare from the Poor Laws to Social Security. Analysis of social welfare today;
private and public.
Required in the “B” Sequence of Sociology major concentration of
studies.

So 375 Introduction to Social Work
*(Prerequisite: Sociology 371)*
Study of nature of social work, and a survey of its major fields. Case-
work, group work, and community organization.
Required in the “B” Sequence of Sociology major concentration of
studies.

So 377 Practicum in Social Work
*(Prerequisite: Sociology 375)*
Supervised participation in the work of an approved private or public
agency of social welfare and other related institutions.
Required in the “B” Sequence of Sociology major concentration of
studies.

So 391 Methods of Social Research
*(Prerequisite: Sociology 101)*
Basic methodology and techniques in design of social research projects;
collection and interpretation of data used in sociological studies; interpretation
of the results of social research.
Required in the “A” Sequence of Sociology major concentration of
studies.

So 395 Practicum in Social Research
*(Prerequisite: Sociology 391.)*
Application of sociological research techniques to specific research pro-
jects undertaken by the department and under its direct supervision.
Recommended for students planning to do graduate work leading
toward the M.A. Degree in Sociology.

So 397 Senior Seminar in Sociology
*(Prerequisite: Permission of Department Chairman)*
Selected topics in social and cultural theory with emphasis upon con-
temporary literature in the field.