Sacred Heart University
BRIDGEPORT, CONNECTICUT 06604

A Commuter Co-educational University

Administered And Staffed By Laymen

BULLETIN NO. 5 1970-1971
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<tr>
<td>President</td>
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<td>Dean</td>
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<td>Business Manager</td>
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</tr>
<tr>
<td>Post Office Address</td>
<td>Sacred Heart University Bridgeport, Connecticut 06604</td>
</tr>
<tr>
<td>Telephone number</td>
<td>374-9441</td>
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Assistant to the President

ACCREDITATION

Sacred Heart University is accredited by the New England Association of Colleges and Secondary Schools and by the Department of Education of the State of Connecticut. The University is also an associate member of the Association of American Colleges.
FACULTY

ACADEMIC YEAR

1969-70

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

APRIL OURSALER ARMSTRONG  Assistant Professor — Religious Studies
B.A., Bryn Mawr; M.A., Fordham University; doctoral candidate, Fordham University

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DOMINIC AUTUORI  Lecturer — Mathematics
B.S., M.A., Fairfield University

*ELLEN M. BALTHAZOR  Instructor — English
B.A., St. Norbert College; M.A., Marquette University

NICHOLAS M. BERARDI  Lecturer — Business
B.B.A., M.B.A., Iona College

WALTER F. BISHOP  Lecturer — Education
A.B., Catholic University; M.Ed., Boston University

DOUGLAS J. BOHN  Instructor — Mathematics
B.S., M.S., Marquette University; doctoral studies, New York University

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B.A., Sacred Heart University; University of Dallas

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HELENE BREBAN  Instructor — Social Science
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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
Chairman — Department of Psychology
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— 6 —
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MARIAN CALABRESE  
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_Lecturer — English — Communication Arts_

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Villanova University; B.B.A., M.B.A., Adelphi University  
_Instructor — Business Administration Coordinator of Evening and Community Programs_

RONALD J. CHRISS  
B.S. Siena College; M.S., Ph.D., University of Connecticut; Post doctoral studies, University of New Hampshire  
_Assistant Professor — Chemistry_

JOHN M. CIANCĩ  
B.A., University of Hartford; M.S., University of Connecticut  
_Instructor — Biology_

HERBERT C. CLISH  
B.S., A.M., Ed.D., Columbia University; LL.D., St. Mary’s College, California; Sci.D. in Ed., St. John’s University  
_Professor — Education Chairman—Department of Education Dean of Faculty_

DEAN A. COLAIANNI  
B.A., Maryknoll College; M.A., Maryknoll Seminary  
_Instructor — Religious Studies_

REV. D. PETER CONSACRO  
B.A., Don Bosco College; S.T.L., Faculte de Theologie, Lyon; M.A., Fordham University; Ph.D. candidate, Fordham University  
_Instructor — English_

RALPH L. CORRIGAN, JR.  
B.A., Iona College; M.A., Fordham University; doctoral studies, Fordham University  
_Assistant Professor — English_

JOHN A. CROFFY  
B.S., M.A. (Adm.), M.A.(Guidance), Seton Hall University; Columbia University  
_Assistant Professor — Mathematics Dean of Students_

JAMES M. CURLEY  
B.A., Boston College; M.A., Fairleigh Dickinson University  
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CHARLES R. CYR  
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— 7 —
FRANCIS P. DE STEFANO  
B.A., Fordham University; M.A., Columbia University; doctoral studies, Fordham University

RAOUL A. DE VILLIERS  
Ph.D., Dr. of Physico-Math-Sc., University of Havana; Rutgers—The State University of New Jersey; University of Georgia Faculty Fellow; University of Kentucky

ROCH-JOSEF DI LISIO  
B.A., Universite Catholique de Louvain; St. Mary's Sem. and University; M.S., Simmons College

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B.S., M.S., University of Bridgeport

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Chairman — Department of Modern and Classical Languages  
B.A., The Citadel; M.A., New York University; Ph.D., Universidad Interamericana, Mexico; Columbia University

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B.S., M.A., New York University

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B.B.A., Pace College of New York; Pace College; C.P.A.

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B.S., University of Bridgeport

RICHARD A. GOGGIN  
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B.A., Holy Cross; M.B.A., Harvard Business School; Michigan State University

SR. LORETTA Gosen  
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A.B., Fontbonne College; M.A., Ph.D., Catholic University of America

BETH GOTTL  
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B.Sc., M.Sc., University of Melbourne; Ph.D., Imperial College of Science and Technology, University of London

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Director of Placement  
Director of Financial Aid  
University of Pennsylvania; B.S., New York University; Connecticut State Teachers College

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Artist in Residence  
B.F.A., Yale School of Design

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A.A., York College; A.B., Fairmont State College; M.S., Southern Connecticut State, Marshall University, University of Colorado

CHARLES W. HARPER  
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B.A., University of Maryland; M.S., George Washington University

*On leave, 1969-70
JOYCE M. HOLLAND  
_B.A., Fembroke College; M.A., The Johns Hopkins University; Ph.D., Brown University_

Assistant Professor — English

C. RAYMOND HUGHES  
_B.A., Providence College; M.S., University of Bridgeport_

Dean of Men

PATRICIA A. HURLEY  
_B.A., M.A., University of Dayton; doctoral studies, Fordham University_

Assistant Professor — English

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*ELIZABETH MUHLFELD  
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Chairman — Department of Chemistry  
B.S., Fairfield University; M.S., Boston College; Ph.D. candidate  
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*On leave, 1969-70
**On leave, fall, 1969
***On leave, Spring, 1970
FLORENCE S. PINKERTON  
Assistant Professor — Social Science  
B.A., M.A., Ph.D., New York University

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B.A., Official Government Institute of Havana; M.A., Ed.D., Ph.D.,  
University of Havana; Columbia University

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Assistant Professor — English  
B.A., M.A., Ph.D., University of Notre Dame

ALAN JEROME REINERMAN  
Associate Professor — History  
B.S., M.A., Xavier University; University of Rome; Fulbright Research Fellow, Italy; Ph.D., Loyola University

WILLIAM RESKO  
Lecturer — Social Sciences  
A.B., M.A., Brown University

LELAND R. ROBERTS  
Instructor — Music  
B.Mus.Ed., M.Mus.Ed., University of Kansas; doctoral studies,  
University of Iowa

*EUGENE ROBILLARD  
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B.S.B.A., Boston College; M.B.A., North Texas State University; Ph.D. candidate, University of Oklahoma

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Pol.Sc.D., Catholic University; J.D., University of Rome

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doctoral studies, Columbia University

MORTON M. SIEGEL  
Lecturer — English — Communication Arts  
B.F.A., Columbia University

*On leave, 1969-70  
**On leave, fall, 1970
DOROTHY SIEGFRIED  
A.B., Seton Hall University; M.S., Columbia University  
Librarian

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B.A., Brooklyn College; Ph.D., University of Rochester  
Assistant Professor — History

NELSON J. SMITH, III  
B.A., DePauw University; Ph.D., Indiana University  
Associate Professor — English  
Chairman — Department of English

JONATHAN C. STOCK  
B.A., Bowdoin College; M.A., Trinity College, Hartford;  
M.Litt., Trinity College, Dublin  
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JAMES F. STRASSMAIER  
B.A., Gonzaga University; M.A., Loyola University — Fulbright  
Research Fellow, University of Munster and University of Heidelberg;  
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MARIA-TERESA TORREIRA TENORIO  
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JACQUES M. VERGOTTI  
Baccalaureat, Brasov; M.A., University of Bucarest, Rumania; M.A.  
Columbia University, New York; Ph.D., Pol. Sc., University of Lausanne,  
Switzerland  
Associate Professor — History

TANIA S. VON YORK  
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M.A., Ph.D., Yale University  
Assistant Professor — Social Sciences

CAROL WAGNER  
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doctoral studies, New York University  
Instructor — French

RABBI S. JEROME WALLIN  
B.A., Brooklyn College; M.S., Yeshiva University  
Lecturer — Religious Studies

JOSEPH W. WALSH  
B.S., Catholic University of America; M.A., Yale University; Graduate  
School of Education; Fairfield University  
Assistant Professor — Education

JAMES WIELAND  
B.A., M.A., University of Notre Dame; doctoral candidate (Philosophy),  
Fordham University; doctoral candidate (Religion), The Catholic University  
of America  
Associate Professor — Religious Studies  
Chairman — Department of Religious Studies

— 14 —
VIRGINIA A. MULHERIN WIELAND  
Lecturer—Social Sciences  
Marywood College; B.S., Cornell University; A.M., New York University;  
doctoral candidate, The Catholic University of America  

BERNARD WIENER  
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B.S., M.B.A., New York University  

VIRGINIA F. ZIC  
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Ph.B., DePaul University College; Xavier College; Art Institute-Chicago;  
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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
Dorothea A. Fenelon, A.B., M.S.W. ....... Psychological Counselor
Rev. John B. Giuliani, A.B., A.M. ............... Chaplain
William J. Dean, B.A., M.A. .................... Admissions Counselor
William F. Grant, B.S. ......................... Director of Placement
 ................................................. Director of Financial Aid

LIBRARY STAFF

Richard A. Matzek, A.B., M.A.L.S. .............. Head Librarian
Roch-Josef DiLisio, B.A., M.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
Thomas McCorry, B.A. ......................... Intramural Director
 ................................................. Assistant Basketball Coach
To be named .................................. Varsity Soccer Coach
To be named .................................. Varsity Cross Country Coach
ACADEMIC CALENDAR

1970

Wednesday, September 2
Freshman Orientation begins

Wednesday, September 2 through
Friday, September 4
Registration for day classes

Monday, September 7
Labor Day (holiday)

Tuesday, September 8
Classes begin

Monday, October 26 through
Friday, October 30
Mid-semester examination

Wednesday, November 11
Veteran’s Day (holiday)

Wednesday, November 25
Thanksgiving recess begins after last class

Monday, November 30
Classes resume

Monday, December 14 through
Saturday, December 19
Final Examinations

Saturday, December 19
Christmas Recess begins after last examination

1971

Monday, January 11 through
Friday, January 15
Orientation and Registration for Spring Semester

Monday, January 18
Classes begin

Friday, February 12
Lincoln’s Birthday (holiday)

Monday, February 22
Washington’s Birthday (holiday)

Monday, March 22 through
Friday, March 26
Mid-semester examinations

Thursday, April 8 through
Sunday, April 18
Easter Recess begins after last class

Monday, April 19
Classes resume

Monday, May 10 through
Saturday, May 15
Final examinations

Saturday, May 22
Commencement

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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.

In December of 1969, a milestone in the life of Sacred Heart University was reached: the University obtained accreditation from the New England Association of Colleges and Secondary Schools.

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.

To make this program more convenient for mothers of young children, the Children's Day School of Sacred Heart University has been established. This nursery school is operated at cost as a service to housewives who are pursuing a degree at Sacred Heart University. 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 offer no college credit.
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 1968, provides reader accommodations for 545 students and can hold over 190,000 volumes. It is carpeted and air-conditioned and contains a number of special facilities for audio-visual and instructional services.

The Library collection includes approximately 70,000 volumes, 800 periodical subscriptions, and numerous back issues of periodicals in bound volumes and microform for which microfilm and microfiche readers and reader-printers are provided. A collection of about 1000 phonograph records is maintained with facilities for the listening of records and tapes available in a multi-channel system and at individual stations. There are ten typing booths and two group study rooms where students may smoke and relax. A lecture hall with its own entrance contains 246 seats for classes, audio-visual programs and outside lectures.

The library staff consists of four professional librarians assisted by a clerical staff of fifteen. Library hours: 8:00 am — 11:00 pm, Monday through Thursday; 8:00 am — 5:00 pm Friday; 9:00 am to 5:00 pm Saturday; 12:00 noon to 11:00 pm 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 intellectually, spiritually, socially, and physically. Among these services are:

ADMISSION COUNSELING

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 English Department chairman. 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.

FINANCIAL AID COUNSELING
Since it is the policy of the University that no student should be prevented from pursuing a degree program because of inadequate funds, the following forms of financial aid are made available to our students on the basis of individual need and scholastic promise:

Scholarships
Educational Opportunity Grants
National Defense Student Loans
Connecticut’s Guaranteed Student Loan Program
Family Allowance of 15 per cent of tuition cost when two or more dependent children attend the University at the same time.
Deferred payments through private sources
Dr. John A. Rycenga Memorial Prize available to full-time student enrolled in the English Department.

The Director of Financial Aid provides information on these various forms of financial aid to students and their parents, and gives advice as to the best type or combination of types that will most adequately meet the requirements of the student.

ORIENTATION
During the days immediately preceding the beginning of classes, entering students are given a carefully planned introduction to their new academic life. The period starts with reflection and conferences 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 — EDUCATIONAL AND PERSONAL

At Sacred Heart University, it is assumed that the primary function of counseling is to help the counselee develop a realistic understanding of himself and his relations with the society in which he lives.

The achievement of realistic self concepts is partially dependent upon the young person having accurate knowledge about his interests, values, and potential, integrating that knowledge into a meaningful picture of himself, and evaluating it in relation to the environment in which he lives or expects to live. It is reasonable to assume that he will perceive more realistically if his observations are based on accurate information.

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 Student Personnel Services, the Dean of Men, the Psychological Counselor, and the Counselor for Freshmen have the primary responsibility for advising all students. In addition, each freshman is assigned to a faculty member who acts as his course advisor 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 his major 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.

PLACEMENT COUNSELING

A director of Placement provides information to the students on the opportunities in the professional, industrial, commercial, governmental, and educational fields, and on the general situation in the labor market. He aids the students in exploring career possibilities, providing guidance whenever necessary. He assembles information on prospective employees for interested personnel and recruitment officials. He arranges campus visits by recruiting representatives of local and national organizations, and refers students to opportunities available in other organizations which list their requirements with the Placement Office.

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A current list of available part-time jobs is maintained throughout the year, and summer work opportunities are listed which are compatible with the needs and vocational objectives of the students.

GRADUATE SCHOOL COUNSELING

Students interested in graduate studies are requested to discuss the possibilities with the Advisor on Graduate Studies. Here they will find assistance in planning academically and financially to meet the requirements for graduate studies.

The student will meet with the Chairman of his major field of concentration and together they discuss his course of action. Upon acceptance in a graduate program the student is responsible for notifying the Dean of Student Personnel Services.

Graduate school catalogs and lists of assistantships and fellowships are available in the University Testing Center and the University Library.

VETERANS AND SELECTIVE SERVICE COUNSELING

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 as 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.

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:


Community: Connecticut Intercollegiate Student Legislature

Fraternities:
- Pi Delta, Delta Phi Omega, Kreuzfahrers, Sigma Eta Upsilon,
- Sigma Tau Omega, Sigma Psi Delta, Sigma Phi Kappa

Sororities:
- Betta Delta Phi, Pi Sigma Phi, Caralannas

Athletics: Athletic Association
Dramatic: The Merely Players
Musical: Sacred Heart University Chorale
- Sacred Heart University Music Club

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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 fifteen 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.

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 a necessary part of a student’s education.

EXAMINATIONS AND GRADES

Mid-semester and semester examinations are administered 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
P Passing grade
FA Failure by absence
WF Withdrawn while failing or unofficial withdrawal
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.

Grades of FA, WF and FI may be changed to withdrawn (W) through an appeal to the Academic Dean.

Grades of FA may be changed to an earned grade, by appeal, with documentation, to the Dean of Men.

QUALITY POINT AVERAGE

The quality point average is the result of the cumulative quality points divided by the total credits attempted. 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:

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<thead>
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<th>Value</th>
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<tbody>
<tr>
<td>A</td>
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<tr>
<td>B+</td>
<td>3.5</td>
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<tr>
<td>B</td>
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<td>C+</td>
<td>2.5</td>
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<td>D+</td>
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<table>
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<tr>
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<tr>
<td>W</td>
<td>Not applicable</td>
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<tr>
<td>P</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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
   3.0 or better with 12 or more credits for the semester

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

4. 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.

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 WF 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. In the semester prior to graduation a student must see the Registrar to apply for graduation. The normal minimum matriculation period for Bachelor of Arts students is eight regular semesters or equivalent.

GRADUATION HONORS

Students 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

Financial Information

PAYMENT OF TUITION AND FEES

Tuition and fees must be paid on or before registration for each semester or session.

REFUNDS

Students who withdraw from the university for a satisfactory reason within four weeks from the beginning of a semester will be entitled to a proportional refund of tuition only if they have completed the official withdrawal procedures of the Dean of Students’ office. The schedule of refunds is listed below. Fees are not refundable.

Withdrawal for reason of military service is not subject to the refund schedule, if such withdrawal is involuntary. A full credit will remain in the student’s account to provide the tuition necessary for the first semester following the completion of the military obligation.

Students who withdraw without completing the official withdrawal procedures will not be entitled to any tuition refund.
SCHEDULE OF REFUNDS
Refund for withdrawal before start of classes 100%
Refund for withdrawal during first week of class 80%
Refund for withdrawal during second week of class 60%
Refund for withdrawal during third week of class 40%
Refund for withdrawal during fourth week of class 20%
Refund for withdrawal during fifth week of class 0%

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. Before February 15th, send a Parents’ confidential Statement to the College Scholarship Service, Box 176, Princeton, New Jersey. The applicant’s parents are required to fill out this form and return it with a fee of $3.00 to the above address. The analysis of this confidential statement will be sent to Sacred Heart University to assist in determining a fair assessment of the 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. to $1,000. 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 the most needy students, and preference is given to students from the lowest income levels. These grants do not require repayment.

Applications must be submitted to the Director of Financial Aid by July 1st. A Parents' Confidential Statement is required, and this form should be submitted to the College Scholarship Service, Box 176, Princeton, New Jersey, by 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 is designed to aid qualified students in need of financial assistance who otherwise could not obtain a college education. Primary consideration is given to students who may have the lowest family income. Under this program, students may borrow up to $1,000. per year, with a maximum of $5,000. 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 of up to a maximum of one hundred per cent (100%). For loans made after April 13, 1970 borrowers may cancel 12½%, including interest, of the total amount of the loan for each year of consecutive military service performed after June 30, 1970 up to a maximum of 50% of the total loan.

Applications must be submitted to the Director of Financial Aid by July 1st. 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.

CONNECTICUT GUARANTEED STUDENT LOAN PROGRAM

The Connecticut Student Loan Foundation was created as a non-profit, state-supported corporation by the 1965 General Assembly. It provides guaranteed loans for residents of Connecticut in amounts up to $1500. per academic year, with a maximum of $7500. as the aggregate unpaid principal of all such loans permitted to any student.
The actual loans are made through authorized lenders such as Commercial Banks, Mutual Savings Banks, Credit Unions and Savings and Loan Associations.

No loans under this program may bear more than 7% simple interest. If the adjusted family income is less than $15,000 per year, this interest is paid for entirely by the Federal Government during the student’s academic years. When the student has completed his education, he is given a one year grace period before any payments are required. During this period, the interest is also paid by the Federal Government for eligible borrowers.

During the repayment period, the student is responsible for the interest payment of 7% on the unpaid balance. Payments may be extended over a five to ten year period, depending on the total amount borrowed, with a minimum monthly payment of $30 required.

In addition, if the adjusted family income is less than $15,000 per year, the Foundation will pay for the student 10% of that amount borrowed, provided the student completes his college program.

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

Although this program is limited to residents of Connecticut, similar guaranteed student loan programs are in operation in other states. Students who fail to qualify as Connecticut residents may be eligible under a program of some other state.

STUDENT EMPLOYMENT
To assist in meeting the needs of eligible applicants, part-time employment in the University is offered under the College Work-Study Program. A Parents’ Confidential Statement must be submitted for consideration under this program.
There are also numerous opportunities for part-time employment in Bridgeport and the surrounding towns. The Placement Office serves as a liaison agent between students and outside employers.

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 had 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
- Psychology  
  10.00

**Graduation Fee**  
25.00

#### TUITION (per semester)

**Full time Students**  
- 12 credits or more  
  650.00

**Part time Students (Evening)**  
35.00  
(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.

ASSOCIATE ART

CORE PROGRAM

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Arts</td>
<td>2</td>
</tr>
<tr>
<td>English (Rhetoric 6 &amp; Literature 6)</td>
<td>12*</td>
</tr>
<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</td>
</tr>
<tr>
<td>Philosophy</td>
<td>9</td>
</tr>
<tr>
<td>Religious Studies</td>
<td>6</td>
</tr>
<tr>
<td>Science</td>
<td>6†</td>
</tr>
<tr>
<td>Social Sciences (Economics, Political Science, Sociology)</td>
<td>6</td>
</tr>
<tr>
<td>Physical Education (2 semesters)</td>
<td>0</td>
</tr>
</tbody>
</table>

Total: 69

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.

† Students who are planning for graduate school should elect a laboratory science.
MAJOR SEQUENCE — ACCOUNTING  
Credit Requirement — 27  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</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</td>
<td>Advanced Accounting</td>
<td>3</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>
</tr>
</tbody>
</table>

**Required Supporting Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit 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>
</tr>
<tr>
<td>Bu 241</td>
<td>Statistics for Business</td>
<td>3</td>
</tr>
</tbody>
</table>

**MAJOR SEQUENCE — BUSINESS ADMINISTRATION**

**Management Concentration**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ac 103</td>
<td>Accounting for Managers</td>
<td>3</td>
</tr>
<tr>
<td>Bu 201</td>
<td>Business Management</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 249</td>
<td>Quantitative Analysis</td>
<td>3</td>
</tr>
<tr>
<td>Bu 261</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Ec 201-2</td>
<td>Principles of Economics I, II</td>
<td>6</td>
</tr>
</tbody>
</table>

Plus:

6 Credits to be chosen from the following:

Bu 202, Bu 281, Ec 221, Ec 311, Ec 312, Ec 371

**Economics Concentration**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ec 201-2</td>
<td>Principles of Economics I, &amp; II</td>
<td>6</td>
</tr>
<tr>
<td>Ec 221</td>
<td>Economics of the Firm</td>
<td>3</td>
</tr>
<tr>
<td>Ec 311</td>
<td>Money and Banking</td>
<td>3</td>
</tr>
<tr>
<td>Ec 312</td>
<td>Macroeconomics Analysis</td>
<td>3</td>
</tr>
<tr>
<td>Bu 241</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Bu 249</td>
<td>Quantitative Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Plus 9 credits from the following:

*Ec 341  History of Economic Thought  3
Hi 127   Economic History of the U.S.   3
Ec 371   Public Finance                 3
Ec 381   Labor Economics                3

*Offered in Alternate years.
MAJOR SEQUENCE — BIOLOGY

Credit Requirement — 33

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bi 21-22</td>
<td>Concepts in Biology I and II</td>
<td>6</td>
</tr>
<tr>
<td>Bi 121</td>
<td>Biological Differentiation</td>
<td>3</td>
</tr>
<tr>
<td>Bi 221-222</td>
<td>Physiological Biology I and II</td>
<td>6</td>
</tr>
<tr>
<td>251</td>
<td>Environmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>261</td>
<td>Experimental Plant Growth and Development</td>
<td>3</td>
</tr>
<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>
</tr>
<tr>
<td>Bi 321</td>
<td>Independent Work in Biology</td>
<td>1-6</td>
</tr>
<tr>
<td>Bi 331</td>
<td>Advanced Genetic Biology</td>
<td>3</td>
</tr>
<tr>
<td>Bi 341</td>
<td>Marine Biology</td>
<td>3</td>
</tr>
<tr>
<td>Bi 351</td>
<td>Principles of Natural Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>Bi 371</td>
<td>Evolution</td>
<td>3</td>
</tr>
<tr>
<td>Bi 397</td>
<td>Seminar Biology</td>
<td>3</td>
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</table>

Required Supporting Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Ch 11-12</td>
<td>General Inorganic Chemistry I and II</td>
<td>8</td>
</tr>
<tr>
<td>Ch 111-112</td>
<td>Organic Chemistry I and II</td>
<td>8</td>
</tr>
</tbody>
</table>

Optional Supporting Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Py 111-112</td>
<td>General Physics</td>
<td>8</td>
</tr>
<tr>
<td>Ch 211</td>
<td>Analytical Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>Ch 236</td>
<td>Elements of Physical Chemistry</td>
<td>3</td>
</tr>
</tbody>
</table>

MAJOR SEQUENCE — ENGLISH

Credit Requirement — 24 in Upper Division

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>En 11</td>
<td>Freshman Rhetoric: Shorter Forms</td>
<td>3</td>
</tr>
<tr>
<td>En 12</td>
<td>Freshman Rhetoric: Longer Forms</td>
<td>3</td>
</tr>
<tr>
<td>En 107</td>
<td>Studies in Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 108</td>
<td>Studies in Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

Upper Division

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>En 207</td>
<td>Introduction to English</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>Code</td>
<td>Course Title</td>
<td>Credit Hours</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>En 252</td>
<td>Survey of American Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 254</td>
<td>19th Century American Novel</td>
<td>3</td>
</tr>
<tr>
<td>En 255</td>
<td>20th Century American Novel</td>
<td>3</td>
</tr>
<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>
</tr>
<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>Romanticism</td>
<td>3</td>
</tr>
<tr>
<td>En 315</td>
<td>Victorian Literature</td>
<td>3</td>
</tr>
<tr>
<td>En 325</td>
<td>Modern British and American Poetry</td>
<td>3</td>
</tr>
<tr>
<td>En 341</td>
<td>Eighteenth and Nineteenth Century British Novel</td>
<td>3</td>
</tr>
<tr>
<td>En 342</td>
<td>Twentieth Century British Novel</td>
<td>3</td>
</tr>
<tr>
<td>En 375</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>En 378</td>
<td>Creative Writing</td>
<td>3</td>
</tr>
<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>
</tr>
<tr>
<td>En 391</td>
<td>Departmental Seminar</td>
<td>3</td>
</tr>
<tr>
<td>En 399</td>
<td>Honors Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

**MAJOR SEQUENCE — HISTORY**  
Credit Requirement — 30

**Credit Hours**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hi</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 123</td>
<td>United States Urban History</td>
<td>3</td>
</tr>
<tr>
<td>Hi 124</td>
<td>United States Constitutional History</td>
<td>3</td>
</tr>
<tr>
<td>Hi 125</td>
<td>United States Diplomatic History</td>
<td>3</td>
</tr>
<tr>
<td>Hi 126</td>
<td>United States Intellectual History</td>
<td>3</td>
</tr>
<tr>
<td>Hi 127</td>
<td>United States Economic History</td>
<td>3</td>
</tr>
<tr>
<td>Hi 201</td>
<td>Historical Method and Criticism</td>
<td>3</td>
</tr>
<tr>
<td>Hi 208</td>
<td>The Age of Science and Reason</td>
<td>3</td>
</tr>
<tr>
<td>Hi 210</td>
<td>Modern Europe (1815-1920)</td>
<td>3</td>
</tr>
<tr>
<td>Hi 213</td>
<td>Contemporary Europe</td>
<td>3</td>
</tr>
<tr>
<td>Hi 225</td>
<td>Afro-American History</td>
<td>3</td>
</tr>
<tr>
<td>Hi 231</td>
<td>The History of Modern Russia</td>
<td>3</td>
</tr>
<tr>
<td>Hi 252</td>
<td>The Middle Ages</td>
<td>3</td>
</tr>
<tr>
<td>Hi 254</td>
<td>The Renaissance and Reformation</td>
<td>3</td>
</tr>
<tr>
<td>Hi 255</td>
<td>Early Modern England (1485-1815)</td>
<td>3</td>
</tr>
<tr>
<td>Hi 259</td>
<td>The Constitutional History of Great Britain</td>
<td>3</td>
</tr>
</tbody>
</table>

— 40 —
Hi 262  The History of Britain since 1815  3
Hi 264  The British Empire and Commonwealth  3
Hi 271  American Colonial Foundations (1607-1783)  3
Hi 272  The New Nation (1783-1877)  3
Hi 273  The Age of Enterprise (1877-1929)  3
Hi 274  Contemporary America (1929-present)  3
Hi 280  History of Modern East Asia  3
Hi 281  History of Southeast Asia  3

MAJOR SEQUENCE — MATHEMATICS
Credit Requirement — 33

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

Junior and Senior mathematics majors are urged to attend the math films and lectures of the Math Colloquium.

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 — PHILOSOPHY
Credit Requirement — 30

I — The historical survey courses in sequence (6 cr. hrs.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph 150</td>
<td>Historical Survey of Philosophy I</td>
<td>3</td>
</tr>
<tr>
<td>Ph 155</td>
<td>Historical Survey of Philosophy II</td>
<td>3</td>
</tr>
</tbody>
</table>

II — A department-approved program drawn from the courses listed below (24 cr. hrs.)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph 211</td>
<td>Logic</td>
<td>3</td>
</tr>
<tr>
<td>Ph 222</td>
<td>Philosophy of Science</td>
<td>3</td>
</tr>
<tr>
<td>Ph 231</td>
<td>Philosophy of Knowledge</td>
<td>3</td>
</tr>
<tr>
<td>Ph 242</td>
<td>Philosophy of History</td>
<td>3</td>
</tr>
<tr>
<td>Ph 252</td>
<td>Philosophy of Value</td>
<td>3</td>
</tr>
<tr>
<td>Ph 253</td>
<td>Philosophy of Law</td>
<td>3</td>
</tr>
<tr>
<td>Ph 261</td>
<td>Philosophy of Art and Literature</td>
<td>3</td>
</tr>
<tr>
<td>Ph 271</td>
<td>Philosophy of Being</td>
<td>3</td>
</tr>
<tr>
<td>Ph 273</td>
<td>Philosophy of Person</td>
<td>3</td>
</tr>
<tr>
<td>Ph 275</td>
<td>Process Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>Ph 283</td>
<td>Philosophy of God</td>
<td>3</td>
</tr>
<tr>
<td>Ph 306</td>
<td>The Existential Trend</td>
<td>3</td>
</tr>
<tr>
<td>Ph 311</td>
<td>The Analytical Trend</td>
<td>3</td>
</tr>
<tr>
<td>Ph 312</td>
<td>Philosophical Foundations of Marxism</td>
<td>3</td>
</tr>
<tr>
<td>Ph 322</td>
<td>American Philosophy and Culture</td>
<td>3</td>
</tr>
<tr>
<td>Ph 331</td>
<td>Oriental Thought</td>
<td>3</td>
</tr>
<tr>
<td>Ph 399</td>
<td>Departmental Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

*The major student after completing Ph 150, may concomitantly take Ph 155 and begin his department-approved program

MAJOR SEQUENCE — PSYCHOLOGY
Credit Requirement — 30

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ps 101</td>
<td>General Psychology — Scientific Aspects</td>
<td>3</td>
</tr>
<tr>
<td>Ps 102</td>
<td>General Psychology — Psychodynamics</td>
<td>3</td>
</tr>
<tr>
<td>Ps 151</td>
<td>Introductory Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Ps 205-206</td>
<td>Experimental Psychology I and II</td>
<td>10</td>
</tr>
<tr>
<td>Ps 215</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Ps 231</td>
<td>Research Methods in 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>
</tr>
<tr>
<td>Ps 285</td>
<td>Psychological Counseling</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</td>
<td>Basic Concepts in Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Ps 311</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>
Ps 390-395 Psychological Research 1-6
Ps 331 Psychological Tests and Measurements 3
Ps 351 Physiological Psychology 3
Ps 396-397 Field Experience in Psychology 1-6

Recommended Supporting Course

Bi 21-22 Concepts in Biology I, II 6

MAJOR SEQUENCE — SOCIOLOGY
Credit Requirement — 30

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

Required Support Courses in
Political Science, Economics,
Psychology, Anthropology 12

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*

Credit Hours

Ed 101 Educational Psychology 3
Ed 151 History and Philosophy of Education 3
Ed 231 Health and Safety Education 3

— 43 —
Ed 255  High School Curriculum  3
Ed 261-264 Methods of Teaching in Special  
    Fields  on the Secondary Level  3
Ed 265 Methods of Teaching in the  
    Secondary School  3
Ed 271 Principles of Guidance  3
Ed 311 Tests and Measurements  3
Ed 351 Practicum and Student Teaching—Secondary  
    Secondary  6

Courses for Elementary Certification*

Ed 101 Educational Psychology  3
Ed 151 History and Philosophy of Education  3
Ed 201 Child Growth and Development  3
Ed 211 Reading and Language Arts  3
Ed 241-248 Materials and Methods in Special  
    Elementary Fields  12
Ed 301 Student Teaching—Elementary Grades  6
Ed 311 Tests and Measurements  3

*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>
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</thead>
<tbody>
<tr>
<td>Ca 121 Fundamentals of Speech I</td>
<td>2</td>
</tr>
<tr>
<td>En 11 Freshman Rhetoric: Shorter Forms</td>
<td>3</td>
</tr>
<tr>
<td>En 12 Freshman Rhetoric: Longer Forms</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>
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<tr>
<td>Code</td>
<td>Course Title</td>
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</tr>
<tr>
<td>Ph 150</td>
<td>Basic Problems in Philosophy I Historical Survey of Philosophy I</td>
</tr>
<tr>
<td>Ph 155</td>
<td>Basic Problems in Philosophy II Historical Survey of Philosophy II</td>
</tr>
<tr>
<td>Sc 1</td>
<td>Natural Science I</td>
</tr>
<tr>
<td>Sc 2</td>
<td>Natural Science II</td>
</tr>
<tr>
<td>Ss 1-2</td>
<td>Elements of Social Science I and II</td>
</tr>
<tr>
<td>Rs 21</td>
<td>Theories of Religion</td>
</tr>
<tr>
<td>Rs 22</td>
<td>Problems of Religion</td>
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**Total** 38

### MAJOR SEQUENCE — LIBERAL STUDIES

#### Required Courses

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>En 111-112</td>
<td>Studies in Literature (AA)</td>
</tr>
<tr>
<td>Fa 101</td>
<td>Music Appreciation I</td>
</tr>
<tr>
<td>Fa 151</td>
<td>History and Appreciation of Art</td>
</tr>
<tr>
<td>Ss 121-122</td>
<td>Development of American Institutions I and II</td>
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</table>

**Electives**

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

**Total in credit hours** 26

**In addition to the Core credit hours of** 38

**To total** 64

### MAJOR SEQUENCE — ACCOUNTING

#### Required Courses

<table>
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<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>Ac 1-2</td>
<td>Elements of Accounting I and II</td>
</tr>
<tr>
<td>Ac 151-152</td>
<td>Elements of Cost Accounting I and II</td>
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</tbody>
</table>

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<table>
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<tr>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Bu 101</td>
<td>Elements of Business Management</td>
<td>3</td>
</tr>
<tr>
<td>Bu 131</td>
<td>Elements of Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Ec 1</td>
<td>Elements of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>Bu 149</td>
<td>Basic Analytical Methods</td>
<td>3</td>
</tr>
<tr>
<td>Ss 151</td>
<td>The Christian Society</td>
<td>2</td>
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</tbody>
</table>

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

**MAJOR SEQUENCE — GENERAL BUSINESS**

**Required Courses**

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Ac 1-2</td>
<td>Elements of Accounting I and II</td>
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<tr>
<td>Bu 101</td>
<td>Introduction to Business Elements of Business Management</td>
<td>3</td>
</tr>
<tr>
<td>Bu 131</td>
<td>Elements of Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Ec 1</td>
<td>Elements of Economics I</td>
<td>3</td>
</tr>
<tr>
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<td>2</td>
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</table>

17

**Electives**

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Bu 102</td>
<td>Elements of Business Management II</td>
<td>3</td>
</tr>
<tr>
<td>Bu 107</td>
<td>Elements of Personnel Management</td>
<td>3</td>
</tr>
<tr>
<td>Bu 121</td>
<td>Elements of Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>Bu 149</td>
<td>Basic Analytical Methods</td>
<td>3</td>
</tr>
<tr>
<td>Bu 161</td>
<td>Elements of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Ps 101</td>
<td>General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

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 courses for all Accounting 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 103  Accounting For Managers
Presentation and explanation of the function of accounting in the managerial process, interpretation of financial statements, treatment of cost information, and the purpose and use of budgetary controls.

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

—47—
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
(Prerequisites: 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 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 21–22)

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 arrangement.

Bi 331  Advanced Genetic Biology  3 credits
(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  3 credits
(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  3 credits
(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 371  Evolution  3 credits
(Prerequisite: Biology 21–22)
An introduction to the analyses and syntheses of the evolutionary pattern of life in plants and animals. Laboratory sessions provide an insight into the methodology of evolutionary studies.

Bi 397  Seminar in Biology  3 credits
An investigation of current literature and research methods with an independent research problem; for qualified seniors by permission of the department.

Business Administration

Bu 101  Elements of Business Management II  3 credits
An introduction to business management. Topics include: Decision making, planning, objectives and policies.
Lectures and case studies.

Bu 102  Elements of Business Management II  3 credits
A continuation of Bu 101. Topics include: Organization Structures, Line & Staff relationships and Span of Supervision.
Lectures & Case studies.

Bu 107  Elements of Personnel Management  3 credits
An introductory course in personnel management. Topics include: Personnel & industrial relations, and labor-management relations
Lectures & case studies.

Bu 121  Elements of Business Communication  3 credits
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  3 credits
General survey of law including the legal system, courts and court
procedures, the regulation of business, the law of contract, sales and
employment.

Bu 149  Basic Analytical Methods  3 credits
A brief but comprehensive review of arithmetic, equations, and ratios.
Intended to teach the mathematical procedures used in business. Covers
accounting mathematics, retail mathematics, and mathematics of finance.

Bu 161  Elements of Marketing  3 credits
(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 202  Organizational Behavior  3 credits
Examination of the research underlying current theories of organization.
Individual, group, intergroup and other human behavior and development;
application of social science research to administration.

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 208  Wage and Salary Administration  3 credits
Principles and problems of wage and salary determination. Topics include
job evaluation, incentive systems, wage surveys, executive compensation.

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. Prerequisite:

Bu 245 Introduction to the Computer 3 credits
Introduction to the digital computer, its basic method of operation. Limited exposure to computer programing and the use of the computer in problem solving.

Bu 249 Analytical Techniques for Decision Making 3 credits
(Prerequisite: Bu 241)
Survey of analytical techniques used in the solution of management problems. Potentials and limitations of mathematical models and proper areas for their application. Topics include breakeven analysis, probability, statistical decision theory, linear programming, waiting line, inventory replacement models.

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 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 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 111; 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-televison 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, analysis, 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 macroeconomic 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  3 credits
(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  3 credits
(Prerequisite: Ec 201)
A study of the behavior and significance of money, credit, debt, and the
banking system. A survey of the Quantity theories and structure of interest
rates. Current problems in monetary and fiscal policies are critically
discussed.

Ec 312  National Income Analysis  3 credits
(Prerequisite: Ec 311)
A course in aggregate economic analysis. The emphasis is on the
determination of national income and employment, consumption and saving,
investment, prices, and the interest rate. Policies associated with the theory
are critically examined.

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

Ec 371  Public Finance  3 credits
History of U.S. public economy. Intergovernmental fiscal relations.
Growth and development of the public economy as a part of the national
economy. Public finance policies.

Ec 381  Labor Economics  3 credits
(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 101  Educational Psychology  3 credits
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  3 credits
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 Growth and Development  3 credits
A course designed to present to future teachers, parents, and prospective parents the general principles, theories, and scientific data pertaining to the processes involved in child growth and development.

Ed 231  School Health and Safety Education  3 credits
The student is introduced to the health and safety programs as they are carried on in the elementary and secondary schools. Special emphasis is placed on the subject material relating to health problems of children and adolescents with stress upon the adverse effects of alcohol and narcotics upon personal and family life. The role of the classroom teacher in cooperation with the home and community agencies in furthering the health and safety of individual students will be emphasized.

Ed 241  The Teaching of Reading  3 credits
A course in reading instruction for elementary school teachers. The student examines the developmental nature of reading and the reading process. Past and present philosophies of reading instruction are studies and current theory, practice, and materials in reading instruction at primary and upper levels of the elementary school are analyzed. Planned classroom observations and participation will provide opportunities to make practical applications.

Ed 242  The Teaching of Language Arts and Social Studies  3 credits
The social studies and language arts are naturally inter-related. The content, methods, materials and techniques of teaching language arts and social studies in the elementary school will be studied, including the inter-relationships which exist within these areas.

Ed 243  The Teaching of Arithmetic  3 credits
The course will include a study of content, modern practices and instructional materials in the teaching of mathematics in the elementary school.

Ed 244  The Teaching of Science  3 credits
The objectives, content and techniques of instruction in the teaching of elementary school science are included in the course with an analysis of current programs in elementary schools.

Ed 246  Teaching Art in the Elementary School  2 credits
To provide the classroom teacher with the knowledge and skills necessary to meet the interests of the children in arts and crafts suited to various grade levels. This comprises work with all media suited for use in the elementary school.

Ed 247  Teaching Music in the Elementary School  2 credits
To provide the classroom teacher with the knowledge of basic music skills necessary to meet the interests of children in a varied program of music activities for the elementary school.

Ed 261  Methods of Teaching in the Secondary School  3 credits
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. (Not to be taken by students majoring in English or History and Social Studies.)

Ed 262  Methods of Teaching English in the Secondary School  3 credits
This course is designed to provide special training for students majoring in English. It will include laboratory experiences.
Ed 263 Methods of Teaching History and Social Studies in the Secondary School 3 credits
This course is designed to provide special training for students majoring in History and Social Studies. It will include laboratory experiences.

Ed 271 Principles of Guidance 3 credits
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
Provides the senior student an opportunity to apply the skills and knowledge he has acquired in his professional preparation. This is done in an approved cooperating elementary school under the guidance of a skilled classroom teacher and building principal. The student teacher is visited regularly by a college supervisor and must also attend a weekly two-hour seminar which is an integral part of the course.

Ed 311 Tests and Measurements 3 credits
This course provides an opportunity for classroom teachers to understand the administration and interpretation of standardized test results and their practical application in the classroom. Preparation and use of various types of teacher-made tests and trends in psychological and educational measurement will be considered. It will convey to the classroom teacher basic measurement and evaluation concepts in understandable language.

Ed 341 Reading Problems of Elementary School Children 3 credits
This course is open only to senior students prior to or following the completion of student teaching and to experienced teachers. Its objective is to assist the classroom teacher in diagnosing and providing corrective measures within the framework of regular class instruction.

Ed 351 Student Teaching: Secondary 6 credits
Provides the senior student an opportunity to apply the skills and knowledge he has acquired in his professional preparation. Opportunity is provided for the utilization of concepts of instructional planning, principles of learning, the selection and organization of learning experiences, and evaluation procedures. This is done in approved cooperating secondary school under the guidance of a skilled classroom teacher and department chairman. The student teacher is visited regularly by a college supervisor and must also attend a weekly two-hour seminar which is an integral part of the course.

English

En 10 Freshman Rhetoric: An Introduction to College Writing 0 credits
A course designed for the student who has not fully developed a college composition. Students who receive a "pass" in the course will be accepted into En 11; on the written recommendation of the instructor, and with the concurrence of the director of composition, a student may be granted a waiver to move directly into En 12.

En 11 Freshman Rhetoric: Shorter Forms 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 supervised practice in writing of essays.
En 12    Freshman Rhetoric: Longer Forms
         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 is stressed.

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 111   Studies in Literature (AA)
         3 credits
An introduction for the AA student into major masterpieces of world
literature. This course will focus on the techniques of poetry and the story. (This course will be accepted for transfer to the AB program only with
a grade of "B" or better.)

En 112   Studies in Literature (AA)
         3 credits
A continuation of En 111. This course focuses on the techniques of drama
and the novel. (Like En 111 this course will be accepted for transfer to the
AB program only with a grade of "B" or better.)

En 207   Introduction to English Language Study
         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’Neil, 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.

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En 252   Survey of American Literature:  
An overview of literature in America from colonial times to the present. 
The emphasis will be on the main currents of development which structure 
American literary history along with selections from each author.

En 254   19th Century American Novel  
A study of the history and criticism of the American novel through the 
first century of its life. Extensive readings will include Melville, Hawthorne, 
James and Twain.

En 255   20th Century American Novel  
A study of the major movement, figures and works in the American novel 
in this century. The emphasis will be on those works which seem to be of 
lasting importance: Faulkner, Fitzgerald, Hemingway, for example.

En 282   Continental Literature: I  
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  
A study of continental masterpieces, in translation, from the Renaissance 
to the present.

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

En 311   Sixteenth Century Literature  
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  
The prose and poetry of the seventeenth century with special emphasis on 
Milton.

En 313   Neo-Classicism  
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   Romanticism  
A critical analysis of the Romantic period in English Literature. That shift 
in men's feelings, thoughts, and tastes called the Romantic Movement is 
studied in the creative and critical writings of the leading figures of the 
period: Blake, Coleridge, Wordsworth, Byron, Keats, Shelly, Lamb, and 
Hazlitt.

En 315   Victorian Literature  
A critical survey of Victorian Literature. A study of the numerous literary 
figures of this broad and diffuse era, including Tennyson, Arnold, Newman, 
Browning, Ruskin, Rosetti, Shaw, among others.

En 325   Modern British and American Poetry  
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 375  Advanced Composition
This course will introduce the student to basic rhetorical theory, and at the same time provide him further experience to perfect his own mastery of writing. The emphasis will be on effective practice, and preparation for teaching, rather than on history of rhetoric. The student will be given more than ample writing experience.

En 378  Creative Writing  3 credits
Introduction to the techniques of short story writing, with some attention to the problems of other forms. Close direction and criticism of manuscripts 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 386  Black Writers  3 credits
A survey of the major black writers of America. This course will emphasize those writers whose work reflects the black experience, and will concentrate on those of lasting literary worth.

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 subject offered: "Satire," "Dickens," "Contemporary Literature," etc.

En 399  Honors Seminar  3 credits
Open to qualified seniors by invitation of the Department of English. The aim of the course is to enable the student to synthesize his understanding of English and American Literature through the study of selected problems in literature and literary criticism.
Fine Arts

Fa 101    Music Appreciation I  
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.  
2 credits

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

Fa 125    Applied Musicianship: The Recorder  
The recorder and allied instruments studied as means of developing musicianship and exploring the wide range of Renaissance, Baroque and modern music appropriate to these instruments.  
2 credits

Fa 301    Methods of Teaching Music in Elementary Schools  
(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.  
2 credits

Fa 151    History and Appreciation of Art  
A development in the understanding of the principal works in architecture, painting and sculpture from Pre-historic times to the Nineteenth Century. Includes a study of a limited number of works in these arts in the principal periods in relationship to social and historical developments. Slide lectures.  
2 credits

Fa 152    Studies in Modern Art  
(Prerequisite: Fa 151)  
A study and analysis of architecture, painting and sculpture with emphasis on the major movements of the 19th and 20th Centuries. Slide lectures.  
2 credits

Fa 161    Fundamentals of Design  
A development in understanding of art and architecture through an analysis of design fundamentals. Includes design problems in various materials and media.  
2 credits

Fa 231    The Chorale  
A study and performance of chorale music from a wide range of historical periods and styles.  
2 credits (per year)

Fa 252    Art of the Renaissance in Italy and Northern Europe  
(Prerequisite: Fa 151)  
A study of the major arts and artists in Europe from the thirteenth to the seventeenth centuries. Slide lectures.  
2 credits

Fa 253    European Art of the Seventeenth to the Twentieth Centuries  
(Prerequisite: Fa 151)  
A study of European art in the Baroque and Rococo era with emphasis on the major artists in Italy, France and the Germanic Countries. Slide lectures.  
2 credits

Fa 282    Introduction to Drawing  
Problems in elementary drawing in a variety of media for a fundamental knowledge and appreciation of creative expression. Stress in composition and observation through form, line and space organization.  
2 credits

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Fa 287  Introduction to Painting  2 credits
Painting concepts and problems presented as a creative experience. A study of natural and imaginative form with emphasis on basic organization of space 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 123  United States Urban History  3 credits
A study of the urbanization of the United States: the origins, growth and development of American cities; their impact upon the nation; the city as a social, economic, political and cultural environment.

Hi 124  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 125  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 126  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.

Hi 127  United States Economic History  3 credits
A study of the economic development of the United States from colonial times to the present with the major emphasis on the characteristics, achievements and problems created by the changing economic system. The course is designed to be of special interest to students of history, economics, business and social studies.

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 208  The Age of Science and Reason  3 credits
A study beginning with the scientific revolution of the late 17th century of those ideas which came to be called "enlightened" in the 18th century. Special attention will be directed to the effects of these ideas on European government and society.
Hi 210 Modern Europe (1815-1920) 3 credits
Traces the conflict between the conservative land-owning aristocracy, the liberal urban bourgeoisie, and the rising proletariat. Stresses the ideological heritage from the French Revolution and the complex results of the Industrial Revolution. The struggle for national unity in Germany and Italy are considered in detail with special emphasis on the resulting climate of international anarchy which produced World War I.

Hi 213 Contemporary Europe (1920-1965) 3 credits
Explain contemporary Europe in terms of its historical evolution since 1920.

Hi 225 Afro-American History 3 credits
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 civil rights and Black Power movements and an analysis of the psychic and cultural implications of racism.

Hi 231 The History of Modern Russia 3 credits
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 3 credits
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 255 Early Modern England (1485—1815) 3 credits
A study of the transformation of England from an agrarian society in the time of Henry VIII to an emerging industrial nation in the age of Napoleon. Special emphasis will be placed on the great crises which shaped this transition: The Reformation, the Puritan Revolution, the American 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 Isles 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.

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Hi 271 American Colonial Foundations (1607 - 1783) 3 credits
A study of the development of American society with emphasis on the political, social, and economic problems which led to the American Revolution, and the further problems created during the Revolutionary War.

Hi 272 The New Nation (1783-1877) 3 credits
The achievement of national government; the development of political parties and political democracy; social, political, economic and cultural developments of the early and mid nineteenth century; westward expansion; slavery, national disruption and civil war; Reconstruction and its legacy.

Hi 273 The Age of Enterprise (1877-1929) 3 credits
The development and impact of corporate capitalism; the political, social, intellectual and diplomatic transformations of the late nineteenth century; attempts at national reform and the impact of war; the beginnings of mass society and the causes of the Great Depression.

Hi 274 Contemporary America 1929 to present 3 credits
The effects of the Depression and the initial response to it; the nature, achievements and shortcomings of the New Deal; the United States in world affairs from the Good Neighbor policy to Vietnam; post-war America from Truman to Nixon.

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 281 History of Southeast Asia 3 credits
A study of the formation of Southeast Asian cultures (Burma, Thailand, Cambodia, Laos, Vietnam and Indonesia) and an analysis of Chinese, Indian and Western influences on their development. Emphasis will be placed on the process of modernization in emerging nations states.

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.

*No credit toward Mathematics Major.
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
An introduction to the theory of probability and elementary statistics. Important discrete distributions; sampling theory of large and small samples. Estimating population mean and proportion; test hypotheses.

Mt 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* Precalculus 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)

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.

*No credit toward Mathematics Major.
Mt 201  Advanced Multivariable Calculus  
(Prerequisite: Mathematics 103 and 104)  
Mappings from En to Em. Continuity; Jacobians; chain rule for differentiation. Integrals along curves. Line and surface integrals; also in terms of vectors. Vector calculus. Theorems of Gauss, Green and Stokes. The space of continuous functions. Partial differential equations.

Mt 221  Abstract Algebra  
(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  
(Prerequisite: 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 isometries and similarities. Inversion in a circle and in a sphere. The golden section. Ordered geometry.

Mt 223  Differential Geometry  
(Prerequisite: Mathematics 222)  

Mt 231  Numerical Analysis  
(Prerequisite: Mathematics 104)  

Mt 232  Applied Mathematics  
(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  
(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  
(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.

Mt 312  Real Analysis II  
(Prerequisite: Mathematics 311)  
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  

Mt 314 Complex Analysis  
(Prerequisite: Mathematics 201)  
3 credits  

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

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

*Language laboratory required.
Fr 181  French culture and civilization (Conducted in English)  3 credits
A survey of French civilization from its origins to the present time, with
particular reference to its political, social and intellectual traditions.

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.

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 181  Italian Culture and Civilization (Conducted in
       English)  3 credits
The development and contributions of Italian civilizations from its origins
to the present time with reference to its political, social and intellectual
traditions.

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

*Language laboratory required.
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 181 Spanish Culture and Civilization (Conducted in English) 3 credits
A history of Spanish Civilization; its characteristic political social and religious institutions and intellectual traditions.
Field trips to Spanish Cultural Centers are part of the course. Spain first semester. Latin-America second semester.

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.

NATURAL SCIENCE

Sc 1-2 Natural Science I and II 6 credits
A study of selected concepts and principles revealing the pattern of logic involved in a wide variety of biological problems. The intent of the course is to give the student a general understanding of the nature and limitations of science, and to provide an adequate background to investigate contemporary biological problems.

Philosophy

Ph 150 Historical Survey of Philosophy I 3 credits
Survey of some major philosophers in the ancient and medieval eras.

Ph 155 Historical Survey of Philosophy II 3 credits
Survey of some major philosophers in the modern and contemporary eras.

Ph 211 Logic 3 credits
Study of the formal structure of deductive and inductive reasoning.

— 70 —
Ph 222 Philosophy of Science 3 credits
Brief survey of the historical development of the scientific theory and method; investigation of specific modern theories regarding the structure and methods of the theoretical and empirical sciences.

Ph 231 Philosophy of Knowledge 3 credits
Knowledge and the human condition; knowledge as being, having, and doing; the modes of knowing: stimulus and response; knowledge as learned and remembered; the language of knowledge.

Ph 242 Philosophy of History 3 credits
History as measured being; time in its mystery; linear and cyclical approaches; progress as motion and as being; epochs and events; man and historical consciousness; being in history.

Ph 252 Philosophy of Value 3 credits
Examination of ethical theories with special attention to contemporary theories as Kantianism, Utilitarianism, Pragmatism, Existentialism, and Linguistic Analysis.

Ph 253 Philosophy of Law 3 credits
Study of the leading philosophical ideas of law from historical beginnings to the present.

Ph 261 Philosophy of Art and Literature 3 credits
Brief historical survey of the various conceptions of beauty and art; study of the nature of the aesthetic experience with special emphasis on contemporary critical and aesthetic theories in literature and art.

Ph 271 Philosophy of Being 3 credits
The problem of being: the one and the many; essence and/or existence; being and experience.

Ph 273 Philosophy of Person 3 credits
The development, dimension, and necessity of the concept of person; difficulties in the synthesis of man as person and classes of man; the person-centered attitude; the creativity of person.

Ph 275 Process Philosophy 3 credits
An examination of the influence of the theory of evolution on the philosophical thought of Bergson, Whitehead, Dewey, Teilhard de Chardin.

Ph 283 Philosophy of God 3 credits
Study of the continuous theorizing of God from the ancient to the contemporary philosopher.

Ph 306 The Existential Trend 3 credits
Examination of Existentialism from Kierkegaard to Satre.

Ph 311 The Analytic Trend 3 credits
Study of the language analysis school.

Ph 312 Philosophical Foundations of Marxism 3 credits
Study of the philosophical development of Marxism with special attention to the influence of Kant, Hegel, and Feuerbach.

Ph 322 American Philosophy and Culture 3 credits
Study of the interaction of American philosophical thought and the American experience as revealed in the philosophies of Edwards, Emerson, Royce, Peirce, James, and Dewey.
Ph 331  Oriental Thought 3 credits
Investigation into some significant philosophical ideas of India and China.

Ph 399  Departmental Seminar 3 credits
Seminar content specified by the department with each offering.

Physics

Py 111   General Physics I 4 credits
(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.

Py 112   General Physics II 4 credits
(Prerequisite: Physics 111)
Coulomb’s law; the electric field; potential; capacitance; current and
resistance; the magnetic field; magnetic properties of matter; alternating
currents; electromagnetic waves; nature and propagation of light; reflection
and refraction; lenses and optical instruments; interference and diffraction;
polarization; atom and nuclear physics.

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 underlie 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

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
Democratic nation-state. Unitary and federal states. Constitutions and
Charters. Present governments of Great Britain, France, West Germany, and
the Soviet Union.

Po 241   International Politics 3 credits
Factors influencing and determining relations among nations; problems of
world peace and security; geopolitics.
Po 242  International Organizations  
Origin, organization, activities, and goals of various types of international units. The United Nations: structure, goals, and means.  
3 credits

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

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

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

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

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**Psychology**

Ps 101  General Psychology - Scientific Aspects  
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.)  
3 credits

Ps 102  General Psychology - Psychodynamics  
(Prerequisite: Ps 101)  
A continuation of Ps 101. Topics include personality development and assessment, behavior disorders, psychotherapy, attitudes, and group behavior.  
3 credits

Ps 151  Introductory Statistics  
(Prerequisite: Ps 101)  
An introduction to the basic concepts and techniques of statistics as they apply to behavioral research. Topics include the organization of data, measures of central tendency and variability, correlation, sampling error, parametric and non-parametric tests of significance.  
3 credits

Ps 205  Experimental Psychology I  
(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.  
Three lecture and four laboratory hours per week.  
5 credits

Ps 206  Experimental Psychology II  
Continuation of Ps 205  
5 credits

Ps 215  Social Psychology  
(Prerequisite: Ps 102)  
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)  
3 credits
Ps 231  Research Methods in Social Psychology   3 credits
(Prerequisites: Ps 102 & 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
(Prerequisite: Ps 102)
Research-oriented approach to theories of personality development, and
personality assessment.

Ps 252  Child Developmental Psychology  3 credits
(Prerequisite: Ps 102)
Biological, psychological and social factors in child development from
birth to pre-puberty with particular emphasis on cognitive, emotional and
personal social functioning.

Ps 272  Adolescent Developmental Psychology  3 credits
(Prerequisite: Ps 102)
Physical, emotional and social development in adolescence; the nature of
adolescent rebellion; criteria for psychological maturity and adulthood.

Ps 285  Psychological Counseling  3 credits
(Prerequisite: Ps 102)
An introduction to the philosophy of counseling, the nature of counseling
and the basic theoretical issues involved in counseling.

Ps 292  Systems and Theories of Psychology  3 credits
(Prerequisites: Ps 101-102)
An historical survey of theoretical formulations and systems in psychology
with evaluation of the contributions of structuralism, functionalism,
behaviorism, Gestalt psychology, psychoanalysis, learning theory, and the
physiological orientation.

Ps 301  Basic Concepts in Psychology  3 credits
A senior honors seminar devoted to basic concepts and current
controversies in psychology.

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

Ps 331  Psychological tests and Measurements  3 credits
(Prerequisite: Ps 101)
Principles of test theory in psychology; validity, reliability and
standardization of tests; survey of representative types of tests and
measurements.

Ps 351  Physiological Psychology  3 credits
(Prerequisite: Ps 101)
Development, anatomy and functions of the nervous and endocrine
systems; psychological reactions associated with neurological and
endocrinological dysfunction.

Ps 390-395 Psychological Research  1-6 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 396-397 Field Experience in Psychology 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. (Offered Fall and Spring, 1970-1971)

Rs 22 Problems of Religion 3 credits
An introduction to some of the major classical and contemporary religious problems. (Offered Fall and Spring, 1970-1971)

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. (Offered Fall, 1970)

Rs 224 The Gospel of Mark 3 credits
A discussion of the theological insights of the evangelist Mark and his systematic application of them in organizing and writing down the traditional material to create the literary form “gospel”. (Offered Spring, 1971)

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 sources. A study of the response of the early community to the Jesus event through an analysis of the names of Jesus. (Offered Fall, 1970)

Rs 254 Contemporary Issues in Ethics 3 credits
A study of some of the more important issues confronting the contemporary attempt to construct a philosophically and theologically adequate ethical methodology. A seminar course based on extensive reading and discussion of the current literature. (Offered Spring, 1971)

Rs 256 Christian Marriage 3 credits
An exploration of the modern understanding of marriage in the light of the 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. (Offered Spring, 1971)

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 and The Divine Milieu. (Offered Fall, 1970)

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.
Development of American Institutions I and II  
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.

The Christian Society  
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.

Political and Economic Geography  
The role of geographic factors and natural resources in national power and international relations of the United States and other Nations.

Contemporary Public Issues  
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.

Cultural Geography: The European World  
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.

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

Sociology

Principles of Sociology  
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, So 121, and So 211.

Social Problems  

Recommended for partial fulfillment of the requirements for the Secondary Education Certificate in History and Social Studies.

Cultural Anthropology  
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.

Statistics for Social Science  
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 preferably 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

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.

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 students interested in social work.

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 and Junior Standing)
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
(Prerequisite: 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 and Junior Standing)
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. Casework, 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 and Senior Standing)
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 projects 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 contemporary literature in the field.