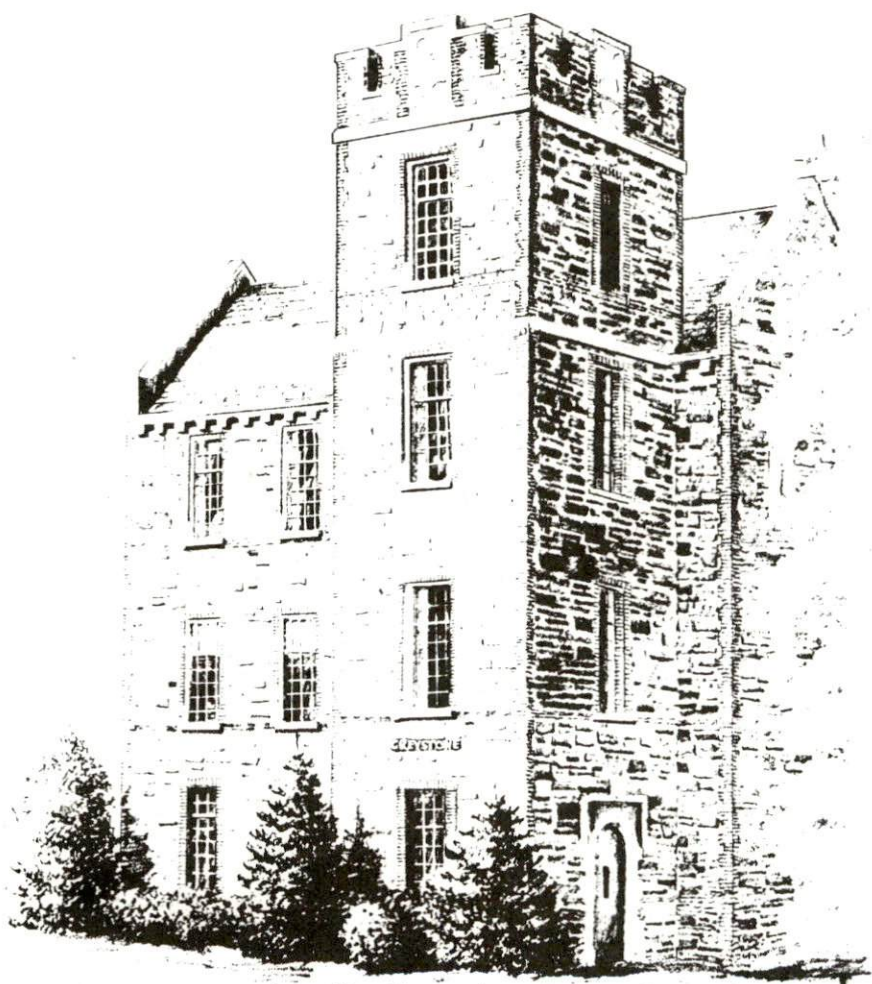


Marist

UNDERGRADUATE PROGRAMS-87-89



MARIST COLLEGE
UNDERGRADUATE
PROGRAMS

A Liberal Arts College for Men and Women

Communication with the College

Mailing Address: MARIST COLLEGE
Poughkeepsie, New York 12601

Telephone Number: 471-3240
Area Code 914

Individual inquiries should be addressed to the following administrators:

PROSPECTIVE STUDENTS

ADMISSION TO FRESHMAN CLASS OR FOR ADVANCED STANDING	Dean of Admissions
FINANCIAL AID FOR FRESHMEN	Dean of Admissions
ACADEMIC PROGRAMS	Appropriate Divisional Chairperson or Academic Vice-President
TRANSFER PROCEDURE	Dean of Admissions
COURSES FOR HIGH SCHOOL SENIORS	Director of School-College Programs
CREDIT FOR LIFE/WORK EXPERIENCE	Dean of the School of Adult Education
HOUSING	Director of Housing

CURRENT STUDENTS

FINANCIAL ASSISTANCE FOR CURRENT STUDENTS	Financial Aid Director
ON CAMPUS/OFF CAMPUS EMPLOYMENT	Career Development and Placement
HOUSING	Director of Housing
GRADUATION REQUIREMENTS	Registrar
PROLONGED ABSENCE FROM CLASS	Director of Student Academic Affairs & Support Services
LEAVE OF ABSENCE	Director of Student Academic Affairs & Support Services
WITHDRAWAL FROM COLLEGE	Director of Student Academic Affairs & Support Services
WITHDRAWAL FROM A COURSE	Registrar
RE-ADMISSION TO COLLEGE	Registrar
STUDENT ACTIVITIES	Coordinator of College Activities

ADMINISTRATIVE SERVICES

TRANSCRIPTS	Registrar
EVENING COURSES	Dean of the School of Adult Education
PAYMENT OF BILLS	Student Accounts Office
CAREER COUNSELING/PLACEMENT	Career Development and Placement
VETERANS	Registrar
CROSS-REGISTRATION	Registrar
PUBLIC RELATIONS	Coordinator of Public Information
GIFTS OR BEQUESTS	Development Office
ALUMNI AFFAIRS	Alumni Director
SECURITY / AUTOMOBILES	Director of Safety and Security

While the announcements presented in this catalog are as accurate as possible, the College reserves the right to make such changes as circumstances require.

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Undergraduate Academic Calendar 1987-88

FALL 1987

September

8	Tuesday	Day & Evening classes begin, Late Registration
8-14	Tuesday-Monday	Course Change Period
14	Monday	Last date for course changes; Half tuition refund after this date
28	Monday	No tuition refund after this date

October

12	Monday	P/NC Option due Graduate applications due for January 1988
14	Wednesday	Dean's Convocation (8:15 classes meet, other classes cancelled till 2:30 p.m.)
19-23	Monday-Friday	Midterms
26	Monday	Holiday
28	Wednesday	Midterm grades due by 10:00 a.m.

November

6	Friday	Last date for dropping courses without penalty of WF grade; Graduation applications due for May '88
9-13	Monday-Friday	Registration for Spring 1988
25	Wednesday	Thanksgiving Recess begins at 2:30 p.m., No evening classes
26-28	Thursday-Friday	Holiday
30	Monday	Classes resume

December

15	Tuesday	Classes in Slots 8, 10 and 12 meet; all other classes have Reading Day.
16-22	Wednesday-Tuesday	Final Exams NOTE: Saturday exams <u>will</u> be scheduled.
28	Monday	Final grades due by noon

WINTER INTERSESSION 1988

January

4	Monday	Day & Evening classes begin
18	Monday	Holiday
20	Wednesday	Last day of classes
25	Monday	Final grades for Winter Session due by noon

SPRING 1988

January

21	Thursday	Spring Semester begins
21-27	Thursday-Wednesday	Course change period
27	Wednesday	Last date for course changes; Half tuition refund after this date; Last date for incompletes & grade changes for Fall 1987

February

10	Wednesday	No tuition refund after this date
22	Monday	Deadline for grade changes & resolving incompletes for Winter 1988 Last date for reporting P/NC Option

March

7-11	Monday-Friday	Midterms
14-18	Monday-Friday	Spring recess
15	Tuesday	Midterm grades due by 10:00
28-31	Monday-Thursday	Registration for Fall 1988
31	Thursday	No evening classes

April

1	Friday	Holiday
4	Monday	No day classes, classes resume with evening classes
5	Tuesday	Last date for dropping courses without penalty of WF grade

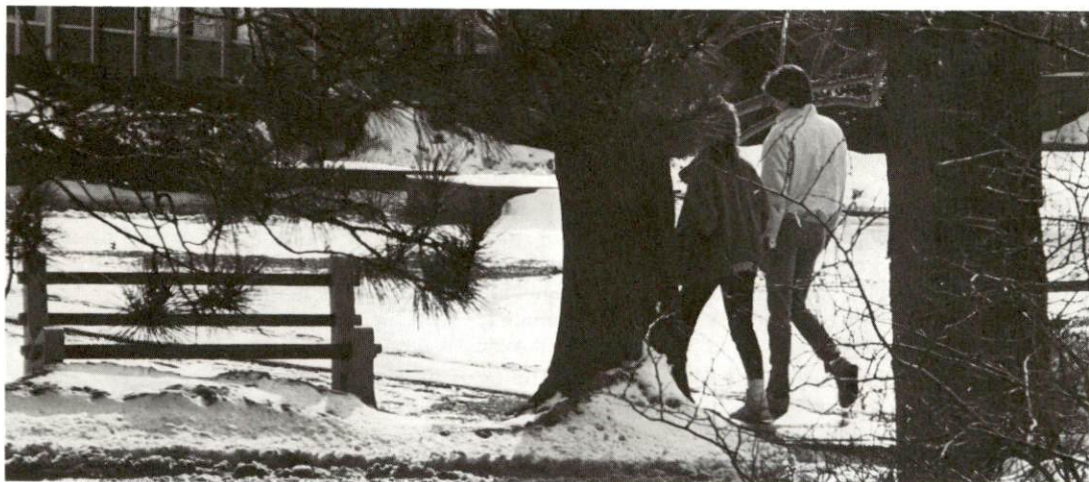
May

4	Wednesday	Last day of classes
5	Thursday	Reading Day; undergraduate evening classes meet; graduate evening classes meet
6-13	Friday-Thursday	Final Exam Period
13	Friday	Senior Final grades due by 9:00 a.m.
21	Saturday	FORTY-SECOND COMMENCEMENT
24	Tuesday	Final grades due by noon

June

10	Friday	Last date for grade changes and resolving incompletes for Spring 1988
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Introduction to Marist



Overlooking the Hudson River immediately north of Poughkeepsie, New York, Marist College is a private, non-sectarian liberal arts institution for men and women. Its modern 120-acre campus comfortably accommodates 2,900 full-time undergraduate students.

Marist awards Bachelor of Arts degrees in fifteen majors, Bachelor of Science degrees in ten majors and a Bachelor of Professional Studies in one major. In the Fall of 1981, a major in computer science was offered for the first time. Other recently introduced majors include medical technology, sociology/social work and fashion design and merchandising. A major development in Marist's academic programming was the introduction of graduate studies in 1972. Marist offers master's degree programs in Business Administration, Computer Science, Psychology, Public Administration and Information Systems, which was introduced in 1984.

A strong working relationship between students and faculty is an important aspect of the learning process at Marist. A solid Core curriculum, such as that offered by Marist, leads to many opportunities for graduate study and professional work. Because of these factors, Marist students can better provide for their long-range goals.

In addition to classroom instruction, Marist students learn in seminar settings, internship and work-study programs, travel and study abroad. Many academic programs receive support from the College's Beirne/Spellman Media Center and the Computer Center. The College library has a permanent collection of more than 100,000 volumes, 1,000 professional, cultural and educational periodicals and a variety of audio-visual materials.

Campus life encompasses a wide range of interests and talents. The student-administered College Union Board annually presents a full schedule of films, concerts and social activity. Through the Resident Student Council, on-campus students serve in an advisory capacity to the Director of Housing. Similarly, the Student Government represents the student body and serves as a decision-making group. Special interest organizations generate activity in many areas including drama, music, publications and volunteer programs. Numerous intramural and varsity sports are offered, as well as sailing and crew on the Hudson River.

LOCATION

Located one mile north of Poughkeepsie, New York, Marist College is situated on the Hudson River along Route 9, the major north-south route east of the Hudson. The College is located within two hours of New York City by railroad, bus or car. The Poughkeepsie station of the Penn-Central Railroad is less than a five minute drive from Marist, and the Dutchess County Airport is located in nearby Wappingers Falls.

INTRODUCTION TO MARIST

HISTORY

The history of Marist College begins eighty-one years ago in 1905 when the Marist Brothers, members of the religious teaching order founded in France ninety years earlier by Father Marcellin Champagnat, arrived in the Mid-Hudson valley to establish the first Marist house of studies in the United States. On the east bank of the Hudson, just north of Poughkeepsie, they opened their novitiate, Saint Ann's Hermitage, and began their work of training young men for a life of study, work, prayer and service. By 1929, the training center at the Hermitage had evolved into a junior college and, by 1946, into a chartered four-year college, Marian College, whose mission remained the training of Marist Brothers as teachers for the Congregation's schools.

Under the leadership of its President, Brother Paul Ambrose Fontaine, Marian College and the Marist Brothers embarked on an extensive building program which continued under Linus Richard Foy who in 1958 became, at age 28, the youngest college president in the United States. In that same year, the mission of the College broadened to include the wider community; lay male students were admitted to pursue degree study. An evening division was introduced to serve the educational needs of the surrounding communities.

In 1960, Marian College became Marist College. The years which followed were marked by dynamic growth, both in academic programs and in facilities. Between 1949 and 1965, twelve major buildings were constructed. Much of the manual labor was provided by the Brothers themselves in such buildings as Donnelly Hall, Fontaine Hall, Adrian Hall and Seat of Wisdom Chapel. Throughout this period, the Brothers continued to teach, some of them at the College, and to volunteer their labor on weekends and holidays, an awe-inspiring example of dedication to common goals.

In 1966, for the first time, women were permitted to enter the evening division and, in 1968, the day division. Ownership of the College was transferred in 1969 to the Marist College Educational Corporation with an independent Board of Trustees. Nonetheless, the legacy of the Marist Brothers, a legacy of service and striving for excellence, continued to inspire and enrich the academic life of the College. Under President Foy's continuing leadership in the decade of the seventies, programs for the educationally disadvantaged were expanded, a computer center was added, graduate programs in business administration and community psychology were instituted, and the James J. McCann Recreation Center was completed.

In 1973, Marist inaugurated a three-year program designed for high school graduates who show promise for accelerated college study. The College also began a cooperative program with Our Lady of Lourdes High School, Poughkeepsie, which permits Lourdes seniors to undertake freshman college courses. In 1974, the "bridge" program was expanded to include public school students. In Fall, 1974, the College expanded its commitment to continuing education by increasing its course offerings in the evening division and summer session, and by opening a Weekend College and two off-campus extension centers. Special credit and non-credit courses are also developed by the Office of Adult Education in response to community requests.

In 1978, Marist College became the recipient of a \$1 million Title III award from U.S. Department of Education for institutional development, one of only 28 such awards across the nation, and the fourth such award granted to a New York State college.

With the naming of Dr. Dennis Murray in 1979 to the College presidency, Marist entered the eighties, a vital co-educational liberal arts institution aware of its rich heritage and its responsibilities to the future.

In 1981, Marist was the recipient of a second \$1 million federal grant from the U.S. Department of Education. Funded activities include the development of a management information system, improvement of student services, development of business and computer science curricula, the improvement of correctional programs and the establishment of an adult college. In 1982, Marist also received a \$4 million Title III grant for program planning and development.

Three new townhouses, which provide residence for upperclassman, were completed in the Fall of 1982.

To accommodate its growing student population, Marist renovated the Old Gymnasium in 1983 to create a new student residence for 140 students. Named Marian Hall, the dormitory features a computer terminal room.

In 1984, the College received \$2.5 million in equipment and almost \$2 million in software from IBM to expand academic and administrative uses of the computer on campus.

In the Fall of 1985, construction was completed on the Gartland Commons, located at the North End of the campus. The four apartment buildings house members of the junior and senior class.

The Lowell Thomas Communications Center was opened in the Spring of 1987, providing students with the opportunity to combine the disciplines of communications and computer science in a state-of-the-art environment.

MEMBERSHIP AND APPROVAL

Marist College is chartered by the Board of Regents of the University of the State of New York and is accredited by the State Department of Education and by the Middle States Association of Colleges and Universities. The College is also accredited by the United States Department of Justice for the training of foreign students. It has the approval of the State Approval Agency for Veterans' Education. The College is also approved for holders of New York State Scholarships, including Regents Scholarships, State War Service Scholarships and Scholar Incentive Awards.

The College holds memberships in the Association of Colleges and Universities of the State of New York, the Commission on Independent Colleges and Universities, American Association of Colleges for Teacher Education and the Association of American Colleges. Marist is a charter member of the Visiting Student Program sponsored by the Associated Colleges and Universities of the State of New York. Marist is also a member of the American Association of University Women, the Middle Atlantic Association for Colleges of Business Administration, the Council for the Advancement and Support of Education and the American Assembly of Collegiate Schools of Business.

Marist is also affiliated with the National Catholic Educational Association of Governing Boards of Universities and Colleges, the National Association of Independent Colleges and Universities, the National Association of College and University Business Officers, the National Association of College and University Attorneys and the American Association of Fund-raising Counsel.

PUBLIC INFORMATION POLICY

The Family Educational Rights and Privacy Act of 1974 specifically provides that a school may safely provide what is termed "directory information," such personal facts as name, address, telephone number, etc., to third parties without fear of having its federal funds withdrawn. The institution providing such directory information is required to give public notice of the information it plans to make available to the general public and to allow students time to notify the institution that any or all of that information should not be released.

Marist will release at various times the following information unless requested in writing not to do so by the student: student name, address, telephone number, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received and the most recent previous educational institution attended by the student.

Students must notify the Registrar in writing should they not want information made available by filling out a form at the Office of the Registrar. At the beginning of each semester, a public notice will be placed in the student newspaper. Students may alter or file these forms at any time during normal working hours.

AFFIRMATIVE ACTION

Marist College supports the principles of equal opportunity and affirmative action. All applications are accepted and reviewed without regard to race, religion, sex, age, color, handicap, national origin or marital status.

It is also the policy of Marist College to recruit, employ, promote and compensate all employees and applicants for employment without regard to race, religion, sex, age, color, handicap, national origin or marital status.

Further, it is the policy of the College to operate and support all of its educational programs and activities in such a way as does not discriminate against any individual on the basis of those characteristics stated above.

Campus



Marist's 120-acre campus contains 24 buildings, including six residence halls, a major classroom building, library facilities, the student union, a chapel, three student townhouses and four student apartment buildings. In addition, the College is renting 25,000 square feet in the Western Publishing building for classroom and office space. The Lowell Thomas Communication Center was completed in January of 1987. The College recently acquired eight acres on the northwest corner of the campus, which will be used for athletic fields and recreation areas. The campus offers a boat house and waterfront facilities for sailing and crew activities. There are athletic fields and handball and basketball courts to support the intramural sports program. Leonidoff Field, in operation since the fall of 1968, is used for varsity soccer and football games. Six outdoor tennis courts are located near the Campus Center.

The Marist College Library is located at the north end of the campus. It is open approximately 100 hours per week during the academic year and has been designed with the needs of the handicapped in mind. Special features of the Library include the Beirne Media Center and the Local History Room.

Library hours during the academic year are:

Monday-Thursday	8 a.m.-12:00 midnight
Friday	8 a.m.-8 p.m.
Saturday	9 a.m.-9 p.m.
Sunday	12 noon-12:00 midnight

Holiday and vacation hours vary. Scheduled changes are posted in the Library lobby.

At the south end of the campus is the James J. McCann Recreation Center. Partially financed by a \$1.35 million grant from the McCann Foundation, the project has a total cost of \$3 million. By design, the Recreation Center is one of the most versatile facilities of its kind in the Mid-Hudson region. Unique features include a pool capable of simultaneously handling 25-yard or 25-meter races and swimming and diving events, with spectator space for 500. The field house area, which has a synthetic floor, can provide three basketball courts or four tennis courts and is surrounded by a four-lane running track. It can host 2,500 spectators for a major varsity game or a professional tennis match. In addition, the facility includes a six-station rowing tank for crew practice, weight room, dance studio, four handball/racquetball courts and a padded room for combative sports, (judo, karate, wrestling). Other areas of the sport complex contain locker rooms for men and women, a press box, snack bar, classrooms, faculty/staff offices, library, conference area and a lobby/exhibit area.

ACADEMIC FACILITIES

MARIST COLLEGE LIBRARY

The Marist College Library has both print and non-print resources to meet the educational and recreational needs of the students and faculty. The Library's collections, representing arts and letters, the social and behavioral sciences, the applied sciences, the humanities, business, and mathematics and computer science, include approximately 107,000 volumes of books, 12,000 audio-visual materials, and 700 currently received periodical titles.

The Library offers extensive reference services, including term paper consultations, bibliographic instruction, and access to online (computerized) databases. As a member of OCLC, an international online library system and Southeastern New York Resource Library Council (SENYLRC), the Marist College Library has access to nearly 7000 other library collections with nearly 25 million titles by borrowing material not held at the Marist College for use by students and faculty.

The non-print functions of the Center are rendered by the Beirne/Spellman Media Centers which are located in the building's lower level. Services to enrich the learning experience include media software consultation and design, production of film, slides, audio and video tape, individualized and mass distribution of media programming, and the loan of software and hardware. The Center also houses a quality color television studio with full audio capabilities.

LEARNING CENTER

The Learning Center provides a range of diagnostic and developmental services to enable students to have a more successful and rewarding learning experience at the College. The staff works closely with other student support service areas, notably the Counseling and Career Development Offices, as well as with the college faculty and residence hall staffs. In many ways, the Learning Center acts as a central link for all student support services on campus. Among the most important activities of the Learning Center are:

- credit courses in reading and learning skills; non-credit courses in writing and mathematics
- free course review sessions, where a tutor, trained by Learning Center Personnel and the instructor in the particular course, provides weekly or bi-weekly reviews of course material
- free peer assistance in writing papers
- individualized programs (video, computer, workbook) on specific skills
- private tutoring (for a small fee)

THE LOWELL THOMAS COMMUNICATIONS CENTER

One of the most advanced facilities of its kind, the Lowell Thomas Communications Center was opened in 1987. Named in honor of the legendary broadcaster, the Center houses Marist's communication arts and computer science departments. Recognizing the profound impact of computer technology on the communications industry, Marist designed the Center to provide students with a state-of-the-art environment in which to engage in these interacting disciplines.

The Center includes five classrooms equipped with computer terminals and television monitors, two television studios, two broadcast production studios, a media presentation facility, print journalism rooms, and faculty offices. Just inside the main entrance to the Center is a public gallery with a permanent exhibition of memorabilia from Lowell Thomas' remarkable career as a pioneering broadcaster, world-famous explorer, author, filmmaker, and co-founder of Capital Cities Communications. The gallery also includes related artwork and a bronze bust of Lowell Thomas by sculptor Phil Krackowski.

An honorary alumnus of Marist, Lowell Thomas was a resident of Dutchess County for more than 50 years and took an active interest in the College's communication arts program.

COMPUTER FACILITIES

Offering two mainframes and extensive related support, the Marist College Computer Center has been recently redesigned and expanded through the generosity of a \$4.5 million equipment and software grant awarded by the IBM Corporation. The Center now provides more than 20,000 square feet for student laboratories, staff offices and mainframe machine rooms.

Two IBM 4341 systems combined provide users with over 12 billion bytes of disk storage space and 20 megabytes of main memory. This system is used by Marist College and other institutions for administrative applications, instruction and research.

Students, faculty members and staff members can communicate with the computer through interactive terminals from various locations on and off campus. Four student terminal rooms house over 100 terminals for student use and three classrooms are equipped with a terminal and monitors.

The software available on the system includes the programming languages VSAPL, PASCAL, ASSEMBLER, ALGOLW, BASIC, FORTRAN, PL/1, COBOL and APL/2, as well as the following packages: SCRIPT, SAS, SPSS, STAT-PAK, COGO, POLYSOLVE, SQL, ADRS, GDDM and a full-screen editor.

A complete PC lab is available which contains 22 color graphic PCs, plotters and printers. This is supported by a PC support center and a PC software library containing over 100 different packages with a total inventory of over 700. Additional PCs are available throughout the campus.

CENTER FOR ESTUARINE AND ENVIRONMENTAL STUDIES (MACCEES)

The Division of Science operates a research and teaching facility on the Hudson River. The laboratory houses a two-hundred gallon "living stream" aquarium that is fed with river water. This unit allows for bioassay and behavioral studies. Other equipment includes phase contrast and dissecting microscopes, small holding tanks, river sampling gear, chemicals for sample preparation and a boat for open river and embayment field work.



Special Studies and Programs

BILINGUAL EDUCATION

The need for bilingual/bicultural education was reinforced by the passing of the Bilingual Education Act of 1968 and the ASPIRA Consent Decree of 1974. By taking the Bilingual Education courses, offered through Modern Languages and the Office of Teacher Education, interested students can pursue this area of national attention. Students preparing for careers in other human services areas may find it useful to take some of the Bilingual Education courses as electives.

CROSS-REGISTRATION

Cross-registration is a procedure that allows a student at one of the participating colleges of the Mid-Hudson Area to register for courses at any one of the other colleges, subject to space availability, through his or her home institution.

The courses taken via cross-registration enjoy all the privileges accorded to courses taken at Marist. The host institution does not levy any tuition or fee charges upon a full-time Marist student. Marist requires a 2.5 cumulative index and at least sophomore standing to qualify for cross-registration. Cross-registration is limited to courses not available at Marist. Approval of the Registrar is required.

Further inquiries about cross-registration should be directed to the Office of the Registrar. Cross-registration is effected at the same time as regular registration at Marist.

FRANKLIN D. ROOSEVELT STUDIES

During the past several years, the Division of Humanities, in cooperation with the Franklin D. Roosevelt Library, has focused attention on the wealth of scholarly materials available at the Roosevelt Library. The Roosevelt era in American history has had a vital role in the shaping of American domestic and foreign policies over the past decades. Marist College further associates itself with the growing number of scholars who have written about these historic days of our recent past.

Roosevelt Symposia have been held since 1965 to examine important events during Franklin Roosevelt's administration. Among the former New Dealers who have spoken at the symposia have been Justice William O. Douglas, appointed by F.D.R. to the Supreme Court; Adolph A. Berle Jr., former brain-truster and Roosevelt's Assistant Secretary of State; and James Roosevelt, son of the late President. Among the eminent historians who have delivered papers at the symposia have been Arthur M. Schlesinger Jr., James MacGregor Burns, Frank Friedel, William Leuchtenburg, Joseph Lash and James David Barber. Attending these Roosevelt Symposia have been hundreds of college history professors and high school social studies teachers from many eastern states.

From time to time, a Franklin D. Roosevelt Seminar Course (three credits) is offered. This topical seminar course allows undergraduate students the unique opportunity to utilize presidential papers and other pertinent manuscripts usually reserved for scholars and graduate students.

MARIST INSTITUTE FOR PUBLIC OPINION

The Marist College Institute for Public Opinion (MIPO) is a survey research institute. Founded in 1978, MIPO provides interdisciplinary educational opportunities for students and information on public policy issues for the general public. In addition to seminars and internships, a major aspect of the Marist College Institute for Public Opinion is its program in government research, including analysis on voting behavior and political campaigns. MIPO has conducted extensive surveys on national, state and local elections, identifying issues facing the electorate.

MIPO has been featured in *Newsweek*, "Good Morning America" and has received extensive coverage on the Gannett News Service, the Associated Press and the United Press International wire services, CBS, NBC and ABC radio and television news in New York, *The New York Times*, *The Washington Post* and other major newspapers throughout the nation.

In addition, a book analyzing the popularity of Gov. Mario Cuomo, based on MIPO polls, was published in 1987. The book, titled "The Cuomo Factor," was co-authored by the directors of MIPO, Dr. Lee M. Miringoff and Barbara Carvalho.

Students interested in participating in MIPO's activities should contact Dr. Miringoff.

SPECIAL STUDIES & PROGRAMS

GRADUATE STUDY

Marist College offers Graduate programs in Business Administration, Public Administration, Psychology and Computer Science.

The purpose of the Marist College M.B.A. program is to provide preparation for the student who aspires to a responsible position in management. Although the quantitative aspects of the management sciences are included in the program, emphasis is on the behavioral influences so significantly affecting the successful operation of modern organizations.

The Masters of Public Administration program provides students with the necessary skills and applications for a successful career in government and not-for-profit organizations.

The M.A. in Psychology carries an emphasis in Counseling/Community psychology. There is an emphasis on life-span development throughout the curriculum. The curriculum includes theory and research as well as required applied experience in the community.

Marist offers the degree of Master of Science in Computer Science. The MSCS degree is based on curriculum recommendations of the Association of Computing Machinery. Major fields of study are available in the areas of Software Development and Information Systems.

Students interested in pursuing graduate study at Marist should consult the Graduate Catalog for additional information. Further inquiries should be directed to the Director of Graduate Admissions.

HIGHER EDUCATION OPPORTUNITY PROGRAM

HEOP is a New York State funded program conducted at Marist College and is designed to provide an opportunity for educationally and economically disadvantaged students to attend Marist. HEOP provides financial and academic support to the student. Academic support is provided in the form of counseling, a summer program for entering freshmen, and tutoring on a remedial basis and in support of course work.

1. An applicant must file an Application for Admission with HEOP written in the upper right-hand corner. Students must also file with the HEOP Office a copy of the parents' IRS 1040, 1040A or 1040EZ form from the previous year and/or agency documentation of financial resources available to the family. The HEOP Program accepts a limited number of students; therefore, applications should be forwarded to the College as early as possible to insure early consideration.
2. Applicants must file a CSS Financial Aid Form (FAF). The HEOP Award will be "packaged" in as a student financial aid after taking into account all other available financial aids. HEOP students generally are required to make a financial contribution toward their education, usually in the form of a Guaranteed Student Loan (GSL).
3. The HEOP grant is awarded annually for undergraduate studies for a maximum of ten semesters.
4. The student in HEOP must be a New York State resident with a high school diploma or its equivalent.
5. The student in HEOP must apply for Tuition Assistance Program (TAP) and PELL; failure to do so would warrant dismissal from the program.
6. The student in HEOP is expected to become involved in all the academic supportive services as the student's need is determined by the HEOP staff.

FIELD EXPERIENCE

Internships and cooperative education are designed to provide a learning experience for the student in an academically-oriented work setting under professional supervision. Through internships and cooperative education, students incorporate into their academic program full or part-time work in fields related to their majors. Internships or co-ops are available in all major areas of study currently offered at Marist.

To be eligible for elective co-op or internship placement, students must have completed 60 credits, at least 12 of which were earned at Marist, and the student must possess a minimum G.P.A. of 2.5 (3.0 in management studies).

All internships and cooperative education experiences are coordinated through the Office of Field Experience.

INTERNSHIPS IN EDUCATIONAL ADMINISTRATION

During the internship in Educational Administration, a student becomes thoroughly familiar with the policies of the College regarding admission of students and has, as his or her responsibility, the recruiting of students from high schools in a given sector.

The readings and study content draw on texts focusing on philosophy of education, tests and measurements, administration of higher education, public speaking and personnel services. Specific attention is given to the areas of admissions, financial aid, high school placement, and government and education, as well as a bibliography directly related to modern issues in guidance and personnel work, compiled by the Admissions Office.

MARIST ABROAD PROGRAMS

Marist College allows qualifying students to spend their sophomore, junior or senior year in a foreign country when academic betterment is judged most probable.

Students are individually placed in many countries of Europe, Africa, Latin and Central America and the Far East.

All students who want to pursue studies abroad must do so through the Marist Abroad Program. Interested students should obtain information from the office of the director, Donnelly 223.

Inquiries are to be addressed to the Director, Marist Abroad Programs, as early as possible. These programs are limited to Marist College students.

PRE-ENGINEERING PROGRAM

Marist College maintains a cooperative engineering program with the University of Detroit. Interested Marist College students enroll in the mathematics curriculum. Following completion of the sophomore year, students may transfer to the College of Engineering of the University of Detroit and continue their studies toward the bachelor's degree in engineering.

During their years at the University of Detroit, students alternate their time equally between four months of training in the engineering industries and four months of course work. The purpose of the industrial training is to make the student familiar with engineering techniques and practices and with the engineering environment. Students are paid for their services, and their earnings enable them, on the average, to pay 80% of the cost of attending the University of Detroit in the upper three years, including living costs.

Students considering this program should register with the Chairperson of the Science Division before beginning their freshman year.

PRE-HEALTH PROFESSIONAL PROGRAMS

Marist College offers prerequisite courses for entry into medical, dental and veterinary schools, as well as schools of podiatry, optometry, and other institutions allied to the health profession. Most often students interested in preparing for health profession careers major in the sciences. Students may, however, major in the humanities and take the necessary prerequisite courses as electives.

A student planning to seek a career in a health profession should consult with the Health Professions Advisor early in his or her freshman year. The advisor assists a student in setting up a program of courses for entry into a professional school and continues counseling him or her while at Marist.

Admittance to a professional school is based upon a student's record of academic achievement, performance on a national qualifying examination and a letter of evaluation and recommendation from the Pre-Health Profession committee. This committee is chaired by the Pre-Health Profession advisor and is composed of Science faculty members.

Students interested in applying to medical or veterinary schools should aim for a minimum cumulative index of 3.4 by the end of their junior year. Students interested in other professional schools should aim for an index of 3.0.

The mere fact that a student takes a pre-professional program is no guarantee that he or she will be accepted into the professional school of his or her choice, nor is it a guarantee that he or she will receive the recommendation of Marist College.

SPECIAL STUDIES & PROGRAMS

PRE-LAW PROGRAM

A student planning a career in law will find an offering of courses at Marist College which will provide the opportunity for the acquisition of skills necessary for the successful study of law. While there is no prescribed major for pre-law students, course offerings which help develop analytical skills and language capabilities are recommended. A faculty committee is available for advisement to students on an individual basis. Resource materials relating to the law school admission test, law school admission requirements and careers in law are available to students. In addition, the committee plans and conducts activities designed to publicize information relevant to the legal profession. A suggested pre-law course of study based on the recommendations of the Association of American Law Schools is available for the different majors.

ROTC (Reserve Officers' Training Corps)

Army ROTC at Marist College is a program that provides college trained officers for the U.S. Army, the Army National Guard, and the U.S. Army Reserve. Through ROTC, the Army gains officers with diverse educational backgrounds and contemporary ideas. ROTC graduates have the chance to use their ideas in positions of leadership, and they enable the Army to relate to the thoughts and feelings of our ever-changing society. ROTC enhances a student's education by providing unique leadership and management experience. It develops self-discipline, physical stamina and poise. Students develop qualities basic to success in any worthwhile career.

The Army ROTC program covers the areas of management, administration, leadership, military history, tactics and national defense. Uniforms, necessary textbooks and materials are furnished without cost to the student. A paid six-week Advanced Camp is held during the summer between the junior and senior years. This camp permits cadets to put into practice the principles and theories they have acquired in the classroom.

Cadets receive a living allowance up to \$1,000 per school year in their last two years of college. Full tuition and fees scholarships are also available to qualified students interested in the Army ROTC program.

Students interested in the ROTC should contact the Army ROTC representative on campus at 208 Marist East.

SCHOOL-COLLEGE PROGRAMS

School-College Programs have been the focal point of articulation between high schools and colleges at Marist since 1973, when the College developed its first "bridge" program. Marist currently has four bridge programs with local high schools allowing many high school seniors to complete their freshman year of college during their senior year. These students, who are eligible for financial aid, do part of their course work at the high school and come to the College campus for the remainder of their program.

Marist has also developed a School-College course program which recognizes college-level work done at the high school and allows qualified students to take these courses for Marist credit at a reduced tuition. All School-College courses are approved and supervised by the respective departments at the College.

The Office of School-College Programs is also responsible for the administration of the Marist-New Hope extension center.

For further information about these programs please contact the Director of School-College Programs.

SECONDARY EDUCATION

Through the College's Office of Teacher Education, the Secondary Education program prepares students for careers as secondary school teachers in English, mathematics, biology, chemistry, social studies, Spanish and French. The program seeks to provide for these prospective teachers:

1. A well-rounded professional and academic preparation which permits them to develop competencies for the initial year of their teaching career.
2. An intensive training in a major field as well as in professional education courses which they will continue to build upon after their graduation from Marist.
3. The fulfillment of the requirements for provisional New York State teaching certification in a secondary school subject.

All undergraduates interested in teaching certification should consult the Director of Teacher Education during their freshman year. Refer to the Education section of this catalog for further program details.

SPECIAL EDUCATION

Through a cooperative arrangement with Vassar College, Poughkeepsie, Marist College offers a state-approved program of study preparing students for N.Y.S. provisional certification in Special Education. Graduates also earn dual certification in Elementary Education. Approximately 15 credits of course work in this program are taken on the Vassar campus.

Because Special Education is not a major, students must elect one of the major fields offered by the College in which the B.A. degree is earned. While most candidates choose to major in psychology, other liberal arts majors are highly desirable for teaching candidates.

Early advisement is essential. Interested students should seek information from the Director of Teacher Education before the end of their first semester. Further information about this program can be found in the Education section.

VISITING STUDENT PROGRAM

A student attending a college or university in New York State may be eligible to study at another institution of his or her choice in the State. Over 50 colleges and universities in New York State participate in the Visiting Student Program. Collectively, these schools represent an extraordinarily rich educational resource. To qualify for the Visiting Student Program, a matriculated student at Marist must have a cumulative index of at least 2.5. Applications are available from the Admissions Office and should be submitted to the Office of Student Academic Affairs.



Campus Life

STUDENT ACTIVITIES

Student activities at Marist reflect the College's primary objective: to encourage each student in the full development of his or her intellectual, spiritual, cultural, social, vocational and physical capabilities. Opportunities for the total development of individuals are provided in conjunction with and beyond the scope of the formal educational programs. Organizations may be classified as follows: student government, residence government, departmental clubs, honoraries, social fraternities, publications, recreation, and service and interest groups.

The justification for these programs develops naturally from the pursuit of the College's underlying goals which are related to maximize the development of the total individual. The strength of the activities program rests in the fact that it affords outlets for creative self-expression in diversified interest areas and settings for a maximum number of students.

ATHLETICS

Marist's spacious campus includes a number of athletic facilities. On the south end of campus is the James J. McCann Recreation Center. This recreational facility was opened in 1977 and is the focal point for the majority of our athletic teams. The riverfront area includes two boathouses for the storage of crew shells and sailing equipment for Marist rowers and community teams. Leonidoff Field is a stadium that provides seating for over 3,000 for home soccer and football contests. Six outdoors tennis courts are available for teams and student use. The Gartland Commons Playing Fields are located behind the Gartland Commons. This ten-acre area serves as intramural fields for the students.

Marist offers a comprehensive intercollegiate athletic program with men's varsity teams in football, soccer, cross country, basketball, swimming and diving, crew, track and field, tennis and lacrosse, with women's varsity teams in volleyball, tennis, cross country, basketball, track and field, crew and swimming and diving. All of the varsity teams participate at the NCAA Division I level, with the exception of the football team, which competes at the Division III level.

Club sports under the direction of the Athletic Department are ice hockey, skiing, rugby and cheerleading.

The intramural program offers a variety of activities including basketball, volleyball, softball, flag football, soccer, racquetball and aquatic competitions. Recently, an additional seven acres was purchased and designated for athletic and intramural fields. These fields are located near the townhouses and Gartland Commons at the north end of the campus.

Throughout all levels of the physical education and athletics programs, the College emphasizes the physical, social and recreational benefits to be gained through active participation. With these educational values in mind, the College fosters a program that encourages as broad a student participation as possible in the physical education programs as well as in the intercollegiate, intramural and club sports offered.

CAMPUS MINISTRY

With the integration of students and staff from various backgrounds, Campus Ministry, as an interfaith council, seeks to clarify and provide for the various religious and spiritual needs of the Marist community. To accomplish this, Campus Ministry, which is composed of interested students and staff members, encourages the members of the college community to become involved in volunteer efforts, prayer groups, discussion groups, retreats and specific societal and campus awareness efforts.

Mass is celebrated daily in Seat of Wisdom Chapel, and interfaith services are appropriately scheduled throughout the year. The Campus Ministry staff networks with local churches and synagogues to provide opportunities for students who wish to attend services.

The Campus Ministry Center is housed in the Personal Development Center (Byrne House) along with the College Counseling Center and Health Services. This facility, located behind Champagnat Hall, provides a place of dialogue, counseling, prayer, study and hospitality for students, staff and faculty.

The Catholic chaplain resides on campus at Kirk House (north side of campus) and is available to all day and night.

PUBLICATIONS

THE STUDENT HANDBOOK: Annual publication.

THE COURSE ADVISER: A publication describing course offerings for the coming semester, published twice each year, Spring and Fall, prior to early registration week.

THE REYNARD: Marist College Yearbook.

THE CIRCLE: Weekly campus newspaper.

THE MARIST JOURNAL OF HISTORY: Publication of Mu Zeta Chapter of Phi Alpha Theta.

THE MOSAIC: An arts and literary magazine published once or more each year by the student body, containing contributions from students, faculty and staff.

RESIDENCE LIVING

Residing in College housing provides students the opportunity to experience living in a community dedicated to the academic and personal development of each member.

Residence facilities are an integral part of the College, not only in terms of the size of the resident population, but also in terms of the educational experience which takes place therein. During the 1986 fall semester, 66% of the full-time undergraduates at the College resided in College housing which was provided both on and off campus.

The buildings used for on-campus housing vary in size and character from the Gartland Commons housing six students per apartment to the College's cluster houses holding 34 students each to the expansiveness of the largest of the College's high rise facilities which can accommodate more than 450 students.

In order to provide an environment conducive to academic and personal development, a code of conduct and a corresponding norms structure are strictly enforced. The professional and para-professional staff responsible for enforcing the code and norms in the residence halls are: The Director of Housing, who coordinates the entire operation of the residence halls; the Residence Directors, who have the responsibility to manage the daily operations of residences; Assistant Residence Directors, Unit Coordinators and Resident Assistants, who have the responsibility of seeing to the smooth running of designated wings, floors or apartments primarily by enforcing norms, acting as role models and by being examples of leadership through active developmental and recreational programming.

All students not residing in the garden apartments, townhouses or in off-campus apartments are required to participate in the College food program. (The management of the food program will attempt to meet the specific dietetic needs of students under medical directives.)

Residence assignments are, as a rule, made on the basis of double occupancy.

THE FRESHMAN PROGRAM

As part of the College commitment to the successful adjustment and development of the Freshman members of the College community, a specific program has been developed to support them in this very important first year at Marist College.

The Freshman residence halls have norms that are specifically designed to assist students in their adjustment to dormitory life and to lend support to their academic career and social efforts. The use and possession of alcohol is not allowed, and parents are notified when disciplinary action appears necessary. Communication between parents and staff is encouraged in order to be supportive of the efforts of freshman students, the College and parents. Each freshman dorm (Leo, Sheahan and Marian) has assigned Mentors, professionals who assist the students in their social, personal and academic adjustment to college and are a key element of our Freshman Program.

RESIDENT STUDENT COUNCIL

The Resident Student Council is the consultative body for all Marist policies concerning residence halls and resident students. This is an elected body comprised of resident students from each residence hall. Faculty and administrative staff advise the Council.

CAMPUS LIFE

HOUSE COUNCIL

Each residence hall has an elected House Council, similar in concept to the Resident Student Council, which deals with matters pertaining to the respective houses.

COMMUTER UNION

The Commuter Union is comprised primarily of commuting students, and serves to meet their particular interests and concerns, to give them a voice in the governing of the College community and to encourage their greater participation in campus events.

A commuter lounge and an office are located in Donnelly Hall on the upper floor.

COLLEGE UNION BOARD

The College Union Board is a student organization consisting of four elected officers and seven appointed chairpersons. The purposes of the organization are:

1. To sponsor and expand programs of an educational, social, cultural and recreational nature which will enhance and broaden the perspective of the Marist Community.
2. To establish policies which will facilitate the functioning of the Campus Center.

The College Union Board focuses on seven major areas: social, fine arts, performing arts, concert, film, lecture and coffee house. Each committee, headed by a student chairperson, plans programs in respective areas, with the assistance of student activities funds.

STUDENT GOVERNMENT

Student representation in decision-making has been a tradition at Marist. Through the Student Government, the student body is afforded a role in both administrative and academic policy-making. Working closely with other student organizations, the Student Government disseminates information concerning vital issues to the student body and provides leadership in student affairs. The official body of student government is the Council of Student Leaders.

COUNCIL OF STUDENT LEADERS

The Council of Student Leaders is an organization which represents all students and their clubs and organizations. Its functions are:

1. Making students' decisions which affect the entire campus and/or transcend the jurisdiction of any one group;
2. Chartering of clubs and organizations;
3. Transmitting information from students to administration and vice-versa;
4. Appointing student representatives to campus-wide committees;
5. Appointing, guiding and directing the Financial Board, which in turn appropriates funds to clubs and organizations;
6. Appointing members of the Judicial Board, as outlined in the constitution.

The members of the Council are: the President of the Student Body, President of the College Union Board, President of the Resident Student Council, President of the Commuter Union, Chairman of the Student Academic Committee, and President of the Adult Student Union.

HONOR SOCIETIES

The College chapters of the national honor societies, Alpha Chi (all disciplines), Phi Alpha Theta (History), Pi Sigma Alpha (Political Science), Sigma Zeta (Science), Psi Chi (Psychology), Alpha Sigma Lambda (Part-Time Students), sponsor campus-wide educational and cultural events as well as special activities for their members. Membership in these societies is based on standards of academic merit and accomplishment.

STUDENT HEALTH

The College maintains a Health Service located in the Personnel Development Center. It is staffed by Registered Nurses, Monday through Friday, 9:00 a.m. to 9:30 p.m., Saturday and Sunday from 12:00 noon until 5:00 p.m. No overnight care is available to students.

Health Services provide treatment of common minor problems or acute illnesses, blood pressure checks, nutrition counseling, allergy injections, suture removal and other miscellaneous functions. Consultation and referrals to off-campus health care providers and health education are also provided.

The Health Service facilities are available to all Marist students whether they are commuters, residents, full or part time. There is no fee for examination, consultation or referrals. Lab tests are performed through St. Francis Hospital and billed by the hospital.

All full-time *resident* students are also enrolled in a Student Health Plan. This is a program developed by Marist College in cooperation with St. Francis Hospital, which will provide ambulatory treatment at St. Francis Hospital's Emergency Treatment Center, around the clock, for medical problems unable to be treated at the College Health Service. This plan is intended to provide *supplemental* coverage to existing parental or individual health plans. The cost of this program is included in the resident fee. Students should obtain their own health coverage privately or ensure that they are still covered under a family policy.

Accident coverage is required for each student at a nominal cost per semester.

COUNSELING SERVICES

The Marist College Counseling Center, part of the Personal Development Center, attempts to provide individuals with the opportunity for self-assessment, problem-solving and creative development. An emphasis is clearly placed on the individual realizing his/her fullest potential, both personally and academically, within the context of the academic environment and the value-based curriculum. The Counseling Center staff works closely with other student support services, notably mentors, residence staff and health services.

Individual and Group Counseling—One of our basic goals is encouragement of personal growth and, through this growth, an increased awareness and sensitivity towards self and others. The problems an individual faces may be more easily resolved by working with a counselor. Counselors are available on an individual basis as well as for group counseling, and all contacts of this nature are strictly confidential.

Consultation—The Counseling Center offers to consult with any faculty member, administrator or student who is concerned with the adjustment, development or behavior of a particular student or group of students.

Testing—Both individual and group testing programs are available. Individual testing is usually done by referral or individual request and is preceded by a consultation to assess the specific needs. Tests are available to measure general ability, reading skills, personality traits, academic and career interests. Information is also available on the national scholastics tests such as the Graduate Record Examination, Graduate Management Admissions Test, Law School Admission Test and CLEP exams.

Seminars and Topical Workshops—The Counseling Center sponsors workshops and seminars in response to community needs. The topics addressed may be in any area of general interest or concern and are frequently sponsored as part of the Personal Development Center.

SPECIAL SERVICES PROGRAM/SERVICES FOR THE DISABLED

Special Services Program/Services for the Disabled

The Special Services program has provided supportive services for disabled students since 1973.

The Marist College Office of Special Services believes that although disabled students may have specific limitations and special needs, their similarity to the general College population is much greater than their uniqueness. The philosophy of this Office is not to give its constituency a competitive edge, but merely to eliminate competitive disadvantages. At the same time, the Office does not create an artificial atmosphere of dependency on the campus which cannot, reasonably, be expected to exist off campus. This philosophy helps provide an atmosphere at Marist and in the surrounding community which will allow the disabled student to function with maximum independence.

STUDENT SERVICES

Assistance to physically disabled students may include personal care attendants, aides, notetakers, readers and interpreters. The Office of Special Services frequently acts as liaison with state agencies which support a student's enrollment such as Offices of Vocational Rehabilitation or agencies for the Blind and Visually Handicapped.

Services for qualified learning disabled students may include readers, notetakers, tutors and adapted testing. Those students wishing to use tape recorded textbooks may order materials through Special Services. Eligible students may receive individual assistance from a learning disability specialist.

Community education, disabled student advocacy, counseling and guidance are available to all disabled students. Students interested in receiving additional information are urged to contact the Director of Special Services.

CAREER DEVELOPMENT/EXPERIENTIAL EDUCATION

The Office of Career Development and Field Experience offers a variety of services and information to assist students with setting career goals and seeking employment. Choosing the "right" career is a process that unfolds throughout your college years. It involves discovering your individual potential, learning about careers, gaining experience and seeking employment prior to graduation. Students are encouraged to get involved with the office early in their college career to plan effectively and develop self-understanding and knowledge of careers. Services provided include:

Career Information: books, pamphlets and other materials concerning occupations; graduate and professional school information.

Personal assessment: individual and group advisement/counseling; resources concerning self-assessment and career decision-making; skill identification information.

Job Search Preparation: individual and group programs concerning resume/cover letter writing, interviewing and job search skills; annual reports and company career literature; credentials file service.

Job Location and Development Program: The Job Location and Development Program (JLD) is a free service designed to help students find part-time jobs in the Poughkeepsie business community. Any student enrolled full or part-time who either does not qualify for financial aid or is deemed eligible by the Office of Financial Aid can use the service.

Pre-Professional and Graduate School Counseling: Advisement concerning application to graduate and professional school is available. Resources are maintained regarding law schools and business schools in addition to graduate program directories.

Field Experience: Internship and Cooperative Education experiences are designed to provide a field learning experience for the student in a work environment under professional supervision. These experiences enable students to incorporate into their academic program full or part-time work related to their career goals. Internships or cooperative education experiences are available in all major areas of study currently offered at Marist.

To be eligible for elective field experience or internship placement, students must have completed 60 credits, at least 12 of which were earned at Marist, and the student must possess a minimum G.P.A. of 2.5 (3.0 in Management Studies).

All internships and field experiences are coordinated through the Office of Career Development and Field Experience.

Job Referral: listings of permanent, part-time and summer job openings; interviews with on-campus job recruiters; job-hunting directories, brochures and information; Federal, State and County civil service information and announcements; teacher job openings; maintenance of credential files. The following list identifies a few of the many agencies and companies which have employed Marist alumni within the past five years:

STUDENT SERVICES

AB Dick Office Products	Manufacturers Hanover Trust
ABC – TV	Marine Midland Bank
Alfa-Laval, Inc.	McCann-Erickson Ad Agency
Amerada Hess Oil Corp.	McGraw-Hill, Inc.
American Felt & Filter Co.	Merrill Lynch
AMF, Inc.	Metropolitan Insurance Co.
Anderson School	Miller Brewing Co.
Baltimore City Police Force	Montgomery Ward
Bank of New York	Mutual of Omaha
Bankers Trust	National Micronetics
Bergen County Girl Scout Council	NCR
Bic Corporation	New York City Council
Blue Cross/Blue Shield	New York Telephone
Burroughs – OAD	New York Times
Camo Pollution Control	NBC-TV
Central Hudson Gas and Electric	New Jersey Department of Environmental Protection
Chase Manhattan Bank	NYS Electric and Gas
Chemical Bank	NYS Insurance Fund
Citibank	NYS Health Department
City of New York	NYS Police
Congress Financial Corporation	New York City Police Department
Coopers & Lybrand, C.P.A.'s	Pawling Rubber Co.
Deloitte, Haskins and Sells, C.P.A.'s	Peat, Marwich and Mitchell, C.P.A.'s
Donaldson, Lufkin and Jenrette	Poughkeepsie Savings Bank
Doubleday Publishers	Princeton Testing Laboratories
Drexel Burnham Lambert, Inc.	Prudential
Dreyfus Fund	Reader's Digest
Dutchess Community College	Red Cross
EF Hutton	Rhinebeck County School
Ernst & Whinney, C.P.A.'s	Samaritan Village, Inc.
FBI	Sears, Roebuck & Co.
Ford Models	Shearson American Express
Grumman Aerospace Corporation	Southern Living Magazine
Harcourt Brace Jovanovich	Sperry Corp.
Harris Corporation	Stanley Marks, C.P.A.'s
Hertz Credit Corporation	Texaco, Inc.
Houston Lighting and Power	Union Carbide Corp.
Hughes Television Network	United States Air Force
IBM—East Fishkill	United States Secret Service
IBM—Kingston	Vassar Brothers Hospital
IBM—Poughkeepsie	Vestal Laboratories
IBM—Tarrytown	Warner Computer Systems
IBM—World Trade	Weber Lipschitz & Co., C.P.A.'s
IRS	Western Union
Keuffel and Esser Corporation	West Point Military Academy
Kmart Apparel	Xerox Corporation
Lincoln First Bank, N.A.	Yellow Freight Co.
Lincoln Hall	Young and Rubicam Ad Agency
Madison Square Garden TV	Ziff Davis Publishing
Mandee Shops	

STUDENT SERVICES

FRESHMAN ORIENTATION

Freshman orientation is a program designed to help new students. It is initiated during the late Spring and early Summer, prior to entrance, when new freshmen and their parents spend a day on campus. On this occasion, they register for first semester courses and are informed about financial aid, residence life and the Freshman Program, among other aspects of ongoing student support. The orientation continues during the fall semester with a program designed to acquaint the student with campus opportunities and services and to foster basic academic skill development. Alternative programs are offered for transfers during the summer, and again in January.

OFFICE OF SAFETY AND SECURITY

Security Services

The Office of Safety and Security at Marist College provides a 24-hour, 7 day-a-week service to the college community, its visitors and guests. The Safety and Security Office works as a liaison with local fire, police and rescue agencies. Among the many services this office provides are as follows:

1. Free identification of property by use of electrical engravers, stickers and maintenance of file.
2. Free loan of battery booster cables—Security will not jump start cars.
3. Escort of students to and from dormitories during evening hours.
4. Free motor vehicle, motorcycle, moped and bicycle registration and issuance of stickers.
5. Key and lock issuance, maintenance and registration.
6. Fire alarm and equipment maintenance and fire drills in accordance with New York State law.
7. Security Supervisors have Cardio-Pulmonary Resuscitation (CPR) certification.
8. Lost and Found Department.
9. Free van transportation to off campus dormitories on regular schedules.
10. Notary Public Service.

The Office of Safety and Security is located in Donnelly Hall, Room 201, and can be reached by calling (914) 471-3240, ext. 282 or (914) 471-1822.

AUTOMOBILES ON CAMPUS

Freshman resident students are not allowed to have a car on campus, without the permission of the Assistant Dean of Student Affairs. All cars must be registered with the Director of Security, and must bear a parking decal. Regulations concerning parking on campus can be obtained at the Security Office, D201. There is no charge for registration. The college is not responsible for any damage to the vehicles; i.e. break-ins, larcenies.

The Donnelly lot is reserved exclusively for faculty, staff and handicapped students. Faculty, staff and students may not park, without the permission of this office, in the following areas:

Fontaine/Greystone
Gatehouse
St. Peters
Behind Champagnat

Faculty, staff and students may park in:

Benoit
Champagnat
McCann
Sheahan
Townhouses
Marist East
Gartland Commons

Specifically, students should know that the following parking regulations will be in effect from November 1, 1987 until March 30, 1988.

No *overnight* student parking will be allowed in Donnelly, Leo, McCann, the first three (3) rows of Benoit, the first nine (9) rows on the South/East side of the Champagnat parking lot, and the Lowell Thomas Center parking lot.* Students with valid parking decals may park overnight on the entire West side and the first six (6) rows on the North/East side of the Champagnat parking lot, in the three (3) northern sections of Benoit lot (nearest the Townhouses), and in the Townhouse parking lots and the Gartland Commons. Students who work on campus after midnight, may park in Champagnat, Donnelly, or McCann lots, but they *must* notify security as to their whereabouts. Students who need to leave their cars over the weekend or a break must have Security's permission.

*Any cars parked overnight not displaying a valid Marist College Parking Decal "*Bumper Sticker*" or having a *Guest Pass*, *will be towed away*.

Any cars left in Donnelly, Leo, McCann, the South/East side of Champagnat, or the South end of Benoit, *after midnight*, will be ticketed and *towed* to the nearest available garage (tow charge \$55.00, plus \$10.00 per day storage, plus a \$25.00 ticket). TOWING WILL BE STRICTLY ENFORCED. An exception will be made when college-sponsored events in the Campus Center or the McCann Center end after midnight. In these instances, the people in attendance will be allowed one (1) hour after the end of the event to remove their cars from the lots.

In the event of a snowstorm, students who must park overnight will be expected to move their cars as needed to assist in the plowing process. During day and evening classes, faculty, staff, and disabled students may park in Donnelly. All other students and guests may park during the day and evening classes on the South/East side of the Champagnat parking lot, at the South end of the Benoit lot, in the Leo lot, the McCann lot and the Townhouse lot. Parking at the Gatehouse, Greystone/Fontaine Area, St. Peter's and behind Champagnat may only be used with permission of Security. All fire lanes, roadways and gates must be kept clear of parked vehicles.

FOREIGN STUDENTS

It is the responsibility of foreign students to maintain their passports, visas and other documents in good order and up-to-date. Information concerning these matters, together with the more usual forms and certificate blanks, is available at the Office of the Registrar.

The faculty Foreign Student Advisor is available on campus to assist students in cultural, social, academic and legal matters. He maintains regular office hours.

VETERANS

Marist College has the approval of the State Approval Agency for veterans' education. The Registrar's office has information about veteran benefits; all student veterans must submit appropriate forms to this office. Additional information may be found in the Financial Aid section of this catalog.

ALUMNI ASSOCIATION

The Marist College Alumni Association includes all undergraduate and graduate degree recipients of Marist. Its goals are to encourage a close and supportive relationship among alumni and promote the growth and welfare of the College.

The Alumni Executive Board, an advisory council that works closely with the Office of Alumni Affairs, develops long-range goals and objectives for the association. Regional Alumni Chapters provide opportunities for alumni to participate in programs and activities and aid in enhancing the reputation of the alumni and prestige of the College. A Class Agent System fosters class ties and actively supports the Marist Fund, the College's annual giving program.

More than 100 volunteer leaders participate in Association governance and many more serve on College Advisory Councils in Communications, Computer Science, Fashion Design and Management. The President of the Alumni Association participates in all meetings of the Board of Trustees.

"Marist Today" and the "Alumni News," as well as special bulletins, keep alumni informed of College developments, alumni services and programs, and activities of fellow alumni.

There are 10,000 Marist Alumni residing in 49 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and 24 foreign countries on five continents.

Community Services

SCHOOL OF ADULT EDUCATION

The School of Adult Education was created to respond to the growing community learning needs of the mid-Hudson Valley in both day and evening sessions. Adult students seeking admission to the College apply to the School of Adult Education; the School provides pre-enrollment counseling, academic and financial aid advisement, support services, social activities, an honors society and a communication network for adult students. In addition, the School administers the following programs:

Summer Session runs daytime and evening sessions from late May to early August.

Winter Intersession, during three weeks in January, allows students to attend classes on an accelerated basis. Courses are available for both full- and part-time students at Marist, as well as for visiting students from other colleges.

The Fishkill Center is Marist's off-campus extension site. Located in the Dutchess Mall in Fishkill, the Center provides educational opportunities for residents of the Southern Dutchess region. Facilities include computer terminals for classroom and individual study, audio-visual equipment for sponsored learning, credit courses scheduled at both graduate and undergraduate levels, business seminars and non-credit courses.

The Center for Corporate and Professional Education is Marist's program of workshops and seminars for the business and industrial needs in the region. Programs are tailored to individual business needs and are led by experienced trainers.

Community Service Programs include non-credit course offerings ranging from CPR to computer literacy, from regional history to academic preparation.

New Options is designed to provide educational opportunities and career advisement to men and women who would like to start or complete their education, or begin moving toward a different career path.

Sponsored Learning provides an opportunity to study using video tapes rather than traditional classroom sessions. Recent course offerings have included Carl Sagan's *Cosmos* and the PBS production, *The Vietnam Experience*.

Off-Campus Programs are organized and administered by the School of Adult Education at locations in cooperation with corporations, businesses, institutions, hospitals and government agencies. For further information contact the School of Adult Education, extension 221.

The Integrative Major is a degree program for adults who prefer more flexibility in program design than is found in traditional majors. (See p. 97 of this catalog.)

High School Students have the option of taking one course each semester on the Marist campus at reduced tuition. Some restrictions apply. For further information, contact the School of Adult Education, extension 221.

SPECIAL ACADEMIC PROGRAMS

As part of Marist College's historic mission of service, we offer educational programs in a number of nearby correctional facilities. In addition to degree and/or certificate programs, Marist also provides support for remedial/development instruction, academic counseling and tutoring services.

Marist/Green Haven/HEOP—partially supported by a grant from the State Education Department, this program enrolls students in fully accredited college courses leading to the Baccalaureate degree in the areas of Psychology, Business and Social Work.

Downstate/Otisville State College Programs—enrolls students in fully accredited college level courses leading to a Certificate in Juvenile Justice and/or qualifying students for the A.S. Degree from the Regents External Degree Program.

Fishkill College Program—enrolls students in fully accredited college level courses leading to a Certificate in Juvenile Justice and provides a capping program for students entering Fishkill with 55 or more credits to earn a B.A. Degree in Integrative Majors.

Otisville Federal College Program—enrolls students in fully accredited college level courses leading to the Baccalaureate degree in Business.

Juvenile Facilities Programs—enrolls students in a college program designed to provide freshman level courses that may be used for degree programs.

Bilingual Programs, Fishkill/Green Haven—enrolls students, dominant in the Spanish language, in 51 credits of English as a Second Language (ESL) and bilingual courses permitting them to make the transition to full-time college programs taught only in English.

SPECIAL SERVICES PROGRAM

The Special Services Program provides individualized support services to physically disabled and qualified learning disabled students.

Students with disabilities are encouraged to contact the Director of Special Services for assistance in the matriculation process. At that time, the student will be made aware of the variety of services available for which he or she may be qualified.

NEW YORK BOTANICAL GARDEN INSTITUTE OF ECOSYSTEM STUDIES

Marist College is affiliated with the Institute of Ecosystem Studies of the New York Botanical Garden at the Cary Arboretum through the establishment of joint education and research programs.

The Institute was established on 1,964 acres of land in Millbrook, NY, to carry out education and research on ecology and environmental problems.

RICHMOND CENTER

The Richmond Center is a 74-acre horticultural and environmental research and demonstration site in Pleasant Valley, New York, nine miles from the Marist campus.

Under the direction of the College's Division of Science, the Center offers both academic and public programs in home horticulture, special education gardening, market gardening and world food production.

Students are offered internships and special study programs ranging from food production to research projects. The Center also serves as a year-round outdoor activities center for adults in the Poughkeepsie Rehabilitation Program.

The Richmond Center is open to the public on weekends in June, July and August from 10:00 a.m. to 4:00 p.m.

UPWARD BOUND PROGRAM

Upward Bound is a federally funded program that has been at Marist College for twenty years. The program serves 115 low-income, and/or first generation high school youths. The program recruits students from fifteen area high schools which are located in three counties.

Upward Bound provides participants with the supportive services they need to complete high school, while preparing them for college. Counseling, (academic and personal), basic skills instruction, tutoring, career exploration and preparation for college admission (i.e., application and financial aid forms) are just a few of the services provided by Upward Bound.

INSTITUTIONAL AND PROGRAMS (TITLE III)

Marist College has been awarded two grants totaling \$2.3 million from the U.S. Department of Education. These funds are being used to develop masters degree programs in computer science, both in software engineering and information systems; to develop undergraduate degree programs in nursing and medical technology; to expand the social work program; and to the preparation of minority students for admission to professional schools. Each activity is directly related to Marist's institutional mission and is coordinated with existing programs and organizational structures.

A \$1 million grant that concluded in 1984 provided for the expansion of student services, the undergraduate computer science and business programs, and the correctional programs, as well as the development of a School of Adult Education and a management information system for the college.

ACADEMIC STATEMENTS

ADMISSION TO THE COLLEGE

ADMISSION TO THE FRESHMAN CLASS

All those applying to Marist must have graduated from an accredited high school and have completed 16 units, of which 14 must be in academic subjects. The following is the distribution of units:

English	4 units
American History	1 unit
Social Science	2 units
Science	2 units
Mathematics	3 units
Language	2 units
Elective	2 units

These high school unit requirements are flexible and depend, to a great deal, on the major that is selected. They should be viewed as guidelines.

In lieu of high school graduation, a General Equivalency Diploma will be accepted. The applicant must have the scores of his or her exam sent directly to the Admissions Office from the proper reporting agency.

Accompanying the official application form, obtainable from the Admissions Office, must be the following:

1. Official transcript of high school record.
2. Results of the Scholastic Aptitude Test of the College Entrance Examination Board or ACT Test Scores
3. Recommendation of the high school principal or guidance counselor

Decision of the acceptance is based on the above information. Although an interview is not required, the College strongly recommends that all applicants make an appointment to visit the campus and speak with a member of the Admissions staff.

EARLY DECISION

Marist College has an Early Decision option. A student who is interested should file his or her application during the summer preceding the senior year or early in the fall semester of the senior year in high school. A transcript of the high school record, the student's standing in his or her class, a recommendation from the secondary school principal or guidance counselor, and the results of the College Entrance Examination Board Aptitude Test or the American College Test must be submitted before any decision regarding admission can be made. A letter stating that Marist is the first choice of the applicant should accompany the application.

All candidates for Early Decision should have their applications and all credentials filed by December 5. Notification of early admission decisions will be made the week of December 15.

Early Decision applicants interested in financial aid should utilize the Early Version Financial Aid Form, which can be obtained through the high school guidance office or the Marist College Financial Aid Office.

MATRICULATION POLICY

A student in regular attendance at another college may register for courses at Marist to make up deficiencies or accelerate his or her program. Such a student should have permission from his or her Dean and should ascertain that the home college will accept the transfer credits.

The College is also prepared to admit a limited number of qualified applicants who wish to take selected courses for credit but who do not wish to study for a degree at Marist College. Such applicants are subject to the usual admission requirements. Should such students subsequently decide to matriculate, they may apply to more than 12 credit hours taken prior to matriculating toward the degree.

Occasionally, a student wishing to study for a degree at Marist College but failing in some way to meet ordinary admissions requirements is permitted to take courses as a non-matriculated student. Upon completion of 12 credit hours with an average grade of C, the student may matriculate. Failing this, he or she is required to obtain the permission of the School of Adult Education to continue further course work.

TRANSFER STUDENTS

A student who wishes to transfer to Marist from another college must meet the same requirements as a beginning student. In addition, he or she must submit from each college attended an official transcript of courses completed and in progress. Students may be requested to submit a catalog from the appropriate college or university for evaluation purposes. Applications and further information can be obtained through the Admissions Office.

Transfer of credits—a student matriculated at Marist may transfer credit for courses taken at other institutions under the conditions stipulated below:

1. The course(s) must be appropriate as judged by the Registrar, i.e., the course(s) must be consistent with the Marist College curriculum.
2. Only those courses in which a grade of C or better has been obtained may be transferred to meet requirements.
3. Courses taken ten or more years prior to admission to Marist may not be transferred (except provisionally) until the completion of 30 credit hours at Marist with a minimum cumulative index of 2.000.
4. Credit for upper level courses will not be given from a two-year college.
5. Grades for courses taken elsewhere will not be included in the computation of the student's grade point average at Marist.

DEGREE REQUIREMENTS FOR TRANSFER STUDENTS.

All students entering Fall 1987 and after will follow the requirements of the Core/Liberal Studies Curriculum found in this catalog.

Transfers with under 25 credits will be treated as freshmen: they will have to take the writing courses as required by the results of the Writing Placement Exam, regardless of writing courses transferred (the transferred courses will be counted as electives). If students have two writing courses accepted, they do not have to take the Placement Exam and consequently are exempt from any requirements in the Writing Program. If students have one writing course accepted, they will take the Placement Exam to decide if they will take College Writing II or Advanced Writing. If these students place into Introduction to College Writing or College Writing I, these courses will be noted on their Cover Sheet as "Recommended".

Transfers from two-year colleges must complete at least 60 credit hours in residence, including a minimum of 12 hours of upper level credits in the major field. Transfers from four-year colleges must complete a minimum of 30 credit hours, including a minimum of 12 hours of upper level credits in the major field. A maximum of six transfer credits can be accepted towards fulfilling the requirements for a minor/concentration/certificate.

An evaluation of transfer credit will be mailed to each candidate for admission when all records are received. Any errors or omissions on this evaluation must be reported to the Registrar at once. No changes will be made after four weeks. A student who receives no evaluation must see to it that he or she does not take a course for which he or she may have transferable credit and that he or she has the necessary prerequisites for any course for which he or she registers.

Transfer students who change their major after they are students at Marist should request a re-evaluation of their transfer credits.

PROFICIENCY EXAMINATIONS

The College grants credit to matriculated students for Advanced Placement (AP), College Proficiency Examinations (CPE) and the College Level Examination Program (CLEP) on an individual basis. The acceptable grade and credit assignment shall be determined by the department concerned with the subject area in which credit is sought.

To cover administrative costs, the College will make a charge of \$15.00 for each credit accepted. The credits will be designated on the Marist academic records and transcripts as credit by examination (CBE).

ACADEMIC STATEMENTS

CREDIT FOR COURSE WORK AT OTHER INSTITUTIONS

Successfully completed studies at another institution prior to senior year will be accepted as partial fulfillment of the requirements for graduation if: (1) the student, while in residence at Marist College, qualified for and was accepted into an established program such as the Marist Abroad Programs or the Visiting Student Program or (2) the student, while an undergraduate at Marist, offered sufficient reason to the Registrar to gain prior approval for summer or intersession course at another institution or (3) the student began his undergraduate education at another college or university and transferred to Marist College (see the section on Transfer Students).

Students who have 60 or more credits on record at Marist will be permitted to do work only at other four-year accredited institutions. The final 30 credits for all students, which are equivalent to the senior year, may not be taken at another institution. No full-time, matriculated student at Marist is permitted to do course work concurrently at another institution. (This does not preclude participation in an established cooperative program, e.g. Special Education.)

CREDIT FOR DEMONSTRABLE KNOWLEDGE GAINED FROM LIFE/WORK EXPERIENCES

A matriculated undergraduate student may apply for a limited number of credits for knowledge acquired from adult life/work experiences which occurred prior to matriculation. The student must be able to demonstrate learning and/or skills comparable to the outcomes of courses at post-secondary levels of instruction. Application for credits should be made following matriculation into the college. An administrative fee of \$50 per application is charged plus a tuition fee of \$15 for each credit awarded. Additional information may be obtained from the School of Adult Education. The grade of "LW" is assigned to credits earned through this process.

GENERAL INFORMATION

FACULTY ADVISORS

Each student is offered the opportunity to plan his or her college program of studies with the assistance of a faculty member. A student's faculty advisor becomes the contact person for future recommendations which may be requested for the student by graduate schools or potential employers.

New full-time students (freshmen and transfer students) are assigned faculty advisors by the Director of Student Academic Affairs. If at any time a student decides to change his faculty advisor, he or she must obtain and complete the change form available in the Director's office.

Students who have not yet declared a major are assigned to an advisor in the School of Adult Education.

Freshmen are required to meet with their faculty advisors at early registration in the fall and spring to plan their course schedule and to obtain the advisor's approval. All students are expected to arrange appointments regularly with their advisor.

STUDENT RESPONSIBILITY

Students are expected to familiarize themselves with the academic procedures and regulations described in this section of the catalog and with graduation requirements in their major. They are responsible for meeting deadlines published in the academic calendar and, when questions arise about regulations, policies or procedures, are expected to seek assistance from a faculty advisor or the appropriate college office.

REGISTRATION

To encourage students to plan their programs in advance and to allow for a certain degree of course adjustment, Marist has an early registration period. Students with fewer than thirty credits completed must consult with and obtain the signature of their faculty advisor prior to submission of registration forms. It is the responsibility of the student to determine if prerequisites, as indicated in the catalog and registration materials, have been met prior to registering for courses. In all cases, students are encouraged to discuss course scheduling with their faculty advisor. For the exact dates of registration, see the Academic Calendar in this catalog.

Approved changes in registration must be effected within the dates specified by the Academic Calendar.

A late registration fee of \$25 will be charged for any student who does not complete his or her registration during the designated periods.

CREDITS WITHIN A SEMESTER

In the fall and spring semesters, a full-time matriculated student must register for a minimum of 12 credit hours. For most full-time students, the normal recommended load is 15 credit hours; the student may elect to attempt 18 credit hours although such is not recommended. To register for more than 18 credit hours, the student must obtain the permission of the Director of Student Academic Affairs.

The maximum number of credits that a student can register for in the January Intersession is three and in the summer, nine. Exceptions can be made by the Dean of the School of Adult Education.

AUDITING

The fee for auditing courses offered at Marist is one-third of the course tuition except for physical education courses, for which the cost is two-thirds of the course tuition. Students do not receive academic credit for courses they audit. Any request to change from audit status to credit status or from credit to audit status must be submitted to the Registrar before the end of the third week of classes.

COURSE WITHDRAWAL AND COURSE CHANGES

The official forms provided by the Registrar's Office are required for changing courses or withdrawing from a course.

A student may change courses or a section of a course only during the first week of classes. If a student withdraws from a course during the first eight weeks of the semester, the course is recorded on his permanent record with the notation "W" (withdrew).

If a student withdraws from a course after the first eight weeks of a semester, the course is recorded on his permanent record with the grade "WF" (failure).

For the exact dates of withdrawal deadlines, consult the Academic Calendar.

DECLARING OR CHANGING A MAJOR

Students must declare a major field no later than the end of sophomore year. They are also encouraged to declare a minor related to their educational goals. They are urged to discuss their choice of majors, minors and certificate programs with faculty advisors and counselors.

Students can declare a major, a double major, change a major or declare a concentration by obtaining the permission of the appropriate division chairperson on a form available in the Office of the Registrar. Students who change their majors will be held to the requirements of the catalog of the year in which they declare the new major. They will be assigned a faculty advisor in the new major.

MINORS

Students may declare a minor in those academic disciplines for which requirements are described in the Programs of Study section of this catalog. Transfer students may apply only six transferred credits toward the completion of a minor. Forms to declare a minor are available in the Office of the Registrar.

ATTENDANCE POLICY

Attendance policies for each course are determined by the instructor and must be stated in writing in the course syllabus. Instructors are also obliged to announce and interpret their attendance policies to their classes at the beginning of the semester. It is the responsibility of students to be aware of the attendance policies and to inform the instructor if circumstances prevent their compliance.

Faculty and students should report excessive absences to the Office of Student Academic Affairs.

ACADEMIC STATEMENTS

GRADING SYSTEM

A student receives both mid-term grades and final grades. However, only the final grades will appear on the academic record.

Grading is an objective measure of a student's mastery of a selected body of knowledge contained in a specific course. This mastery involves the elements of memory, understanding and expression. Memory refers to retention of certain items of information. Understanding implies insight into the interpretation of these facts. This insight would include the meaning of the thing itself, its relationship with other things or data and the ability to apply this information or data to new situations and problems. Expression is the ability to convey this assimilated knowledge to others.

In assigning a grade to a student, the instructor must function as a judge in a courtroom: examine thoroughly all the evidence involved in the case, weigh the evidence and make a decision on the basis of this evidence. In a similar way, the basis of the instructor's judgment is the concrete evidence the student himself provides. Formal examinations are only part of this evidence; questions asked by the student, recitation, term papers, book reports, written and oral quizzes, the student's participation in class discussion—each sheds light on the student's development in mastering a subject and is therefore pertinent to the instructor's grade evaluation of the student.

Viewed in the light of the preceding statement, the grading system is as follows:

C

To earn a C grade a student must be able to recall the basic elements of a course, understand the essential background and materials of a course, apply the basic principles involved and express them intelligibly.

B

To earn a B grade a student must manifest all the qualities characteristic of a C student and in addition reveal a memory that encompasses more than the basic elements of a course; he or she has a more personal grasp of the principles of the course and perceives wider application of them. The student should be able to discuss the subject matter of the course with ease.

A

An A student is one who, in addition to all the qualities manifested by a B student, seeks mastery of a special field by reason of individual interest; he or she has initiative and originality in attacking and solving problems; he or she shows ability in rethinking problems and making associations and in adapting to new and changing situations; moreover, he or she has an appropriate vocabulary at his or her command.

D

A student who is deficient in some degree in any of these areas will earn only a D.

F

The student has failed to show mastery of the basic subject matter for the course.

B+, C+, D+
A-, B-, C-

The grades of B+, C+, D+, A-, B-, C- are used to indicate that a student has shown more or less than the usual competency required for that grade.

I

The temporary grade of I (incomplete) may be given by an instructor when a student has not completed the requirements of the course at the end of the term for serious reasons beyond the individual's control. It becomes the student's responsibility to resolve this grade within five weeks after the last day of final examinations of that semester by completing the course requirement. Failure to conform to this time limit results in a final grade of F. The grade of I is not assigned in a case where failure to complete course requirements on time is due to student delinquency.

The student must contact his or her instructor not later than 24 hours after the time set aside for the final examination in the course to request the grade of incomplete. The student's request should include the verification of "the serious reasons beyond my control" which have prevented him or her from completing the requirements of the course. When the course instructor accepts the verification, he/she presents an appropriate recommendation to the appropriate Divisional Chairperson or Director of the Core.

W/WF

The grade of W is assigned to a student who officially withdraws from a course during the first eight weeks of a semester (see Academic Calendar for specific dates). Withdrawal after this period results in a grade of WF. Exceptions may be made by the Director of Student Academic Affairs or in the case of students enrolled in the School of Adult Education, from the Dean of the School, when circumstances warrant it. The W grade is not counted in the student's grade point average. WF is counted as an F in the grade point average.

NC (no credit)

This grade is received by a student who does not meet minimum course requirements in one of the following circumstances:

1. He or she is exercising the Pass/No Credit/U as described below.
or
2. Approval of the Academic Vice President has been obtained by the course instructor to grade students in a particular course on the Pass/No Credit/U scale.
or
3. With approval of the appropriate Divisional Chairperson, an instructor may award this grade when a student's failure is due to circumstances beyond the control of the student.

A student's cumulative grade point average is in no way influenced by this grade.

P (Pass)

This grade is awarded to a student who satisfactorily completes course requirements in either of the following circumstances;

1. He or she is exercising the Pass/No Credit/U option as described below.
or
2. Approval of the Academic Vice President has been obtained by the course instructor to grade students in a particular course on the Pass/No Credit/U scale.

The grade P entitles a student to credit for the course, but does not affect his or her cumulative grade point average.

ACADEMIC STATEMENTS

P/NC/U Option

A student may elect to exercise the Pass/No Credit/U Option in courses that are not being used to satisfy major or minor field or CORE requirements. Full-time students may exercise this option for only one course per semester. Part-time students may use this option for three of every twelve credits they take at Marist. Request must be made by the student within the official deadline by completing the necessary form from the course instructor. This will be the end of the first five weeks of a fifteen-week semester.

At the end of the semester, the student will either:

1. receive the grade of "P" if the student meets the minimum course requirements for a passing grade,
2. receive the grade of "NC" if the student does not meet the minimum course requirements for a passing grade, and the student has met the course requirements for satisfactory attendance and has completed the necessary assignments for the course,
3. receive the grade "U" if the student does not meet the requirements for a passing grade, and the student has not met the course requirements for satisfactory attendance and has not completed assignments for the course.

AU (Audit)

This grade is received by a student who has audited a course for which he does not receive academic credit.

GRADE POINT AVERAGE

For each credit earned in a specific course, quality points are given as follows:

A = 4.0	C + = 2.3
A- = 3.7	C = 2.0
B+ = 3.3	C- = 1.7
B = 3.0	D+ = 1.3
B- = 2.7	D = 1.0

For an F, P, NC, U or WF, no quality points are earned.

The grade point average, or cumulative index, is computed by dividing the total number of quality points earned on the scale of A through F, including WF, by the total number of semester hours of credit attempted, excluding courses for which the grades of P, NC, or U have been received. The grade point average is computed only on the basis of course work taken at Marist College.

ACADEMIC HONESTY

The academic community of Marist College presupposes the scholarly integrity of its members. Students who enter this community to pursue educational objectives are expected to meet fundamental standards of honesty in all phases of their academic activities. Integrity is a fundamental requisite in the preparation and presentation of all course work, in the writing and submitting of papers and other course requirements and in all aspects of examinations. Honesty is a requisite of each student; plagiarism and participating in any activity that is dishonest is simply not acceptable at this institution. The college will make provisions for the maintenance of academic honesty among its students according to criteria and procedures found in the Student Handbook.

STANDARDS OF ACADEMIC PROGRESS

At the end of each semester, student grades are reviewed to determine academic standing. A student is in good academic standing if he/she is matriculated at Marist College and is considered to be making satisfactory progress toward the degree.

Students are expected to meet the following standards: a cumulative grade point average of 1.7 by the end of the freshman year; a 2.0 cumulative grade point average by the end of the sophomore year and thereafter. Students failing to achieve these standards, or any student whose semester grade point average falls below 2.0, are subject to warning, probation or dismissal. Students allowed to continue on warning or probation are considered to be in good standing.

ACADEMIC PROBATION

Students may be granted more than a single semester of probation. A student granted a second consecutive semester of probation is not eligible for organized extracurricular activities, including, but not limited to, varsity athletics. Restrictions on such participation during the first semester of probation are made by the college's Academic Review committee on an individual basis. Students granted probation may be required to meet other conditions set by the committee.

ACADEMIC HONORS

The Dean's List, published twice a year, records the names of those students who have achieved academic excellence in the previous semester. The list distinguishes between First Honors and Second Honors.

First Honors is awarded to a student with a scholarship index of 3.5 or higher for the semester. Second Honors is given the student with a scholarship index of 3.25 or higher for the semester. To qualify for Honors in any given semester, a student must take at least 12 credits that are graded on the A-F scale.

At commencement, three grades of honors are awarded to those graduates who have completed a minimum of 60 credits of study at Marist College and who have maintained a superior level of achievement:

Summa Cum Laude, or highest honors, awarded to those having a scholarship index of 3.85 and no grade below B.

Magna Cum Laude, or high honors, awarded to those having a scholarship index of 3.6 and no grade below C.

Cum Laude, or with honor, for those having a scholarship index of 3.25 or above.

Eligibility criteria for class valedictorian at graduation include distinctive academic achievement, the completion of at least 75 credits of study at Marist College and at least four semesters as a full-time student of the College. Criteria for the award of general excellence and next-in-merit are: completion of at least 60 credits of study at the College and the highest or second highest grade point index in the class.

HONOR SOCIETIES

In further recognition of academic excellence, Marist offers students the opportunity to merit admission to the College chapters of the following national honor societies:

- Alpha Chi, Theta Chapter—All academic disciplines
- Phi Alpha Theta, Mu Chapter—History
- Sigma Zeta, Alpha Phi Chapter—Science
- Pi Sigma Alpha—Political Science
- Psi Chi, Marist College Chapter—Psychology
- Alpha Sigma Lambda—Part-Time Students, All Disciplines
- Delta Mu Delta—Business Administration

Students should consult the divisional advisors for eligibility requirements. Part-time students should consult the School of Adult Education.

FAILURES

Academic failures in required subjects must be made up either at Marist or elsewhere. The student choosing to make up academic requirements at another college must have the prior written permission of the Registrar. If it is impossible for a student to obtain the precise course he or she needs, the student may not substitute an equivalent without the permission of the Registrar. Grades earned elsewhere will not be calculated in the student's cumulative grade point average.

ACADEMIC STATEMENTS

REPEATS

A student may repeat a course in an effort to earn a higher grade. When the course is repeated at Marist, the higher of the two grades is used in calculating the student's cumulative index. If the student successfully repeats a course previously failed, he/she earns both credits and quality points. If the student receives a higher grade in a course he/she has previously passed, the difference in quality points between the two grades is added to the student's record, but no additional credits are earned.

When, with the prior permission of the Registrar, a student successfully repeats a failed course at another institution, credits but not quality points are added to the student's record.

ACADEMIC SUPPORT SERVICES

On the basis of academic review, a student who is experiencing academic difficulty may be required to enroll in an applied learning techniques course or a basic skills course offered through the College Learning Center.

LEAVE OF ABSENCE

A student in good standing may take a leave of absence from the College for good reason. Leave of absence is ordinarily granted for no more than two semesters.

The Director of Student Academic Affairs should be consulted prior to leave-taking. If the leave is permitted, formal notification of the leave of absence is made to the College by means of a letter submitted to the Director.

Students planning to take courses at another college while on leave of absence with the intention of applying the credits towards their Marist degree must obtain prior approval from the Marist Registrar. Forms for this purpose are available in the Registrar's Office.

Students on leave of absence receive copies of registration information and the Course Adviser following Early Registration week in fall or spring. Directions for completing registration for the semester of return are included. Students who desire campus housing on return from leave are responsible for providing the Housing Office with sufficient advance notice of their intention to return.

ACADEMIC DISMISSAL

Students who are judged not to be making satisfactory progress will be dismissed from the college. A student who has been dismissed for academic reasons may not be readmitted until at least one regular semester has passed. To become eligible to apply for readmission following academic dismissal, a student must demonstrate satisfactory performance elsewhere. Improved performance, however, does not guarantee readmission. (Disciplinary dismissal or probation is described in the Marist College *Student Handbook*.)

WITHDRAWAL FROM THE COLLEGE

A student who withdraws from Marist must complete the official withdrawal form obtainable in person from the office of Student Academic Affairs. In the absence of this official form, the student may submit a letter or written statement of withdrawal by mail. The official date of withdrawal will be the date the written verification is received. Unless such written notice has been given, no statement of honorable withdrawal will be issued by the College.

READMISSION TO THE COLLEGE

All applicants for readmission are advised to submit their requests *at least two months in advance* of the semester of return.

Students who voluntarily withdrew from the college, and whose grade point average was 2.0 or above at the time of withdrawal, may apply for readmission directly to the Office of the Registrar. Students who were dismissed from the college, or whose grade point average at the time of withdrawal was below 2.0, must apply for readmission to the Director of Student Academic Affairs to obtain information about the readmission procedure.

All applicants for readmission who have taken courses at another institution and who wish to transfer these credits to meet degree requirements at Marist must submit an official transcript to the Registrar at the time of application for readmission.

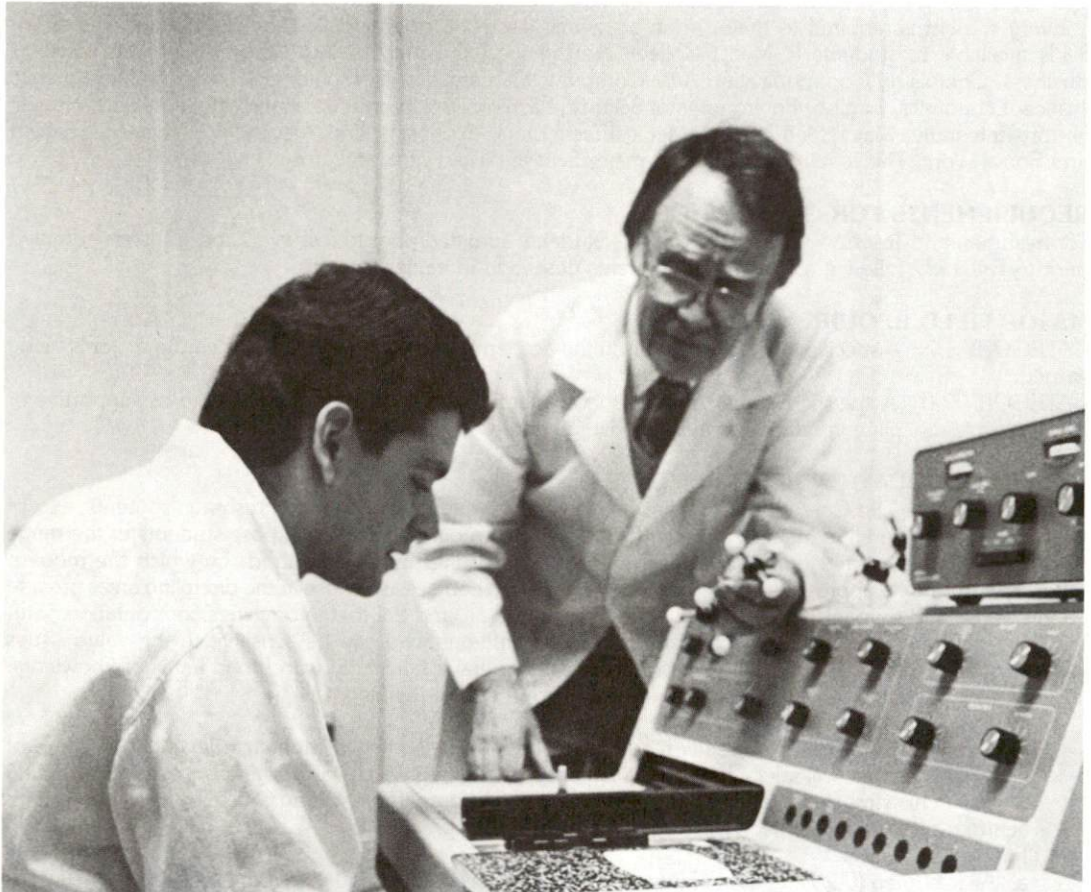
TRANSCRIPT OF RECORD

An official transcript is one bearing the seal of the College and signed by the Registrar. Official transcripts of academic records are not given to students or graduates but will be sent directly to the college, professional school, government agency or business concern named by them.

To obtain a transcript a student or graduate must apply in writing to the Office of the Registrar. A fee of \$3.00 is charged for each transcript issued. *No transcripts will be issued during the periods of registration, examinations or commencement.*

APPLICATION FOR GRADUATION

Each candidate for graduation must file an application for graduation with the Office of the Registrar. See Academic Calendar for deadlines.



Graduation Requirements

STATEMENT OF REQUIREMENTS FOR THE BACCALAUREATE DEGREE

The successful completion of courses totaling 120 credits, a minimum 2.0 cumulative index and a minimum 2.0 index in a student's major field are required for graduation.

In addition, a New York State Board of Regents ruling dictates that undergraduate degrees shall be distinguished, as follows, by the minimum amount of *liberal arts* content required for each degree.

Courses are by their very nature defined as liberal arts or non-liberal arts. Courses theoretical or abstract in content are considered to be liberal arts. These are designated LA in the course description section of this catalog. Courses directed toward specialized study or specific occupational or professional objectives are non-liberal arts. Students should consult the "Course Adviser" printed each semester and this catalog to determine whether a course is listed as liberal arts.

1. Three-quarters of the work for a B.A. shall be in the liberal arts and sciences (90 credits).
2. One-half of the work for a B.S. shall be in the liberal arts and sciences (60 credits).
3. One-quarter of the work for a B.P.S. shall be in the liberal arts and sciences (30 credits).

DEGREES AND MAJOR FIELD REQUIREMENTS

Marist awards the Bachelor of Arts degree in fourteen majors, the Bachelor of Science degree in ten majors, and the Bachelor of Professional Studies in Fashion Design and Merchandising.

Every student is required to major in an academic discipline or area called the major field. The major fields available to students at Marist College are the following: Accounting, American Studies, Biology, Business, Chemistry, Communication Arts, Computer Mathematics, Computer Science, Criminal/Juvenile Justice, Economics, English, Environmental Science, Fashion Design and Merchandising, Fine Arts, French, History, Integrative Major, Mathematics, Medical Technology, Political Science, Psychology, Russian, Spanish and Social Work. The requirements for the major field are listed separately for each.

REQUIREMENTS FOR GRADUATION

For freshmen and Transfers admitted Fall 1987. Students admitted prior to Fall 1985 and Transfers admitted prior to Fall 1987 follow graduation requirements described in earlier catalogs.

MAJOR FIELD REQUIREMENTS

CATEGORY 1.0 A specific number of credits in the academic discipline or area in which the major is being earned;

CATEGORY 2.0 A specific number of credits in academic disciplines or areas related to or supportive of the academic discipline in which the major is being earned.

GENERAL EDUCATION REQUIREMENTS

CATEGORY 3.0 The Core/Liberal Studies requirements apply to all incoming Freshman students, except students in the Integrative Major. The Core/Liberal Studies program seeks to expose students to the range of arts and of natural and human sciences, and to some of the principal methods by which the modern scholarly community approaches truth. Both the Foundation courses and those in the discipline areas provide an integrated and humanistic program of studies organized around the theme of values confrontation. With this base, the College pursues the goal of graduating students who can be sensitive to the value issues inherent in their personal and their professional lives, who have familiarity with broad areas of knowledge and who possess effective skills in communication and in critical thinking.

Core/Liberal Studies requirements are formulated in terms of:

1. English Writing Skills—3-6 credits required dependent on writing competence level. At the time of entrance, students will take a Writing Placement Examination which will assign them to specific writing requirements. Transfer students may be given credit for comparable writing courses taken prior to their attendance at Marist College.
2. Foundation Courses
 - a. All freshmen (0-29 credits at entrance) must fulfill a six credit foundation requirement PHIL 101-102, Introduction to Philosophy-Ethics.
 - b. All transfer (30 or more credits at entrance) must fulfill a three credit requirement PHIL 103, World Views and Values.

GRADUATION REQUIREMENTS

3. Core/Liberal Studies Area Requirements

The program exposes students to a variety of disciplines outside of their major fields. Furthermore, each Core/Liberal Studies experience should be very special. Each of the introductory courses should not only broaden the student's intellectual horizons but should also, where appropriate:

- confront basic value questions of a discipline
- expose the discipline's methodological approaches to knowledge
- teach demonstrable skills associated with the discipline
- employ the content of the discipline to achieve all of the above.

In addition to the Foundation courses and writing requirements stated above, students are required to choose one or two courses from the following areas according to the designated credits required. In some cases major or related field requirements may fulfill one or more categories. A foreign language at an appropriate level can be substituted for the second course in some areas. *(See Core/Liberal Studies description on page 42.)

Distributive Areas

Natural Sciences	6 credits
Social Sciences	6 credits
History	6 credits
Literature	6 credits
Mathematics	6 credits
Fine Arts	3 credits
Philosophy/Religious Studies	3 credits
Foreign Language/Culture*	0-12 credits
(See p. 42 for this option.)	

Students transferring to Marist may receive credit for those courses previously taken in the Core/Liberal Studies areas. Once a student has matriculated at Marist, Core/Liberal Studies Foundation or Capping course requirements must be fulfilled at Marist College.

Core/Liberal Studies requirements cannot be taken Pass/No Credit.

ELECTIVES

CATEGORY 4.0 There is no specific distribution stipulated by the faculty for the courses taken by a student to fulfill the elective portion of his or her program. The student is consequently at liberty to make his or her own choices while keeping in mind the liberal arts credit requirement for the degree being sought. Because the faculty is conscious of its own responsibility for the education of each student at Marist, it offers to students the following counsel:

- Each student should attempt to establish clearly in his or her own mind the educational goals that he or she is attempting to achieve as the outcomes of the college experience.
- His or her course choices should be related to the achievement of these goals.
- He or she should be aware that the background, professional training and experience of the faculty are resources which are at his or her disposal. It is strongly recommended, therefore, that each student seek out his or her own faculty adviser to discuss educational objectives.

WRITING PROFICIENCY REQUIREMENTS

The College requires that a student demonstrate proficiency in writing in order to graduate. This requirement may be satisfied in the following ways:

- by an initial placement into the course Advanced Writing.
- by obtaining a C or better in the course College Writing II
- by passing the Proficiency Examination, given at the end of each semester as the final examination in College Writing II.

GRADUATION REQUIREMENTS

SECOND BACCALAUREATE DEGREE

Marist College will confer a second baccalaureate degree only as a means of recognizing that a candidate has competencies in two essentially different areas. For example, if a person obtains a Bachelor of Arts in History, Marist College will accept his or application to be a candidate for a degree of Bachelor of Science in Business Administration.

Applications to be candidates for a second baccalaureate degree should be submitted to the Registrar. A candidate for a second baccalaureate degree must complete at least 30 credit hours beyond the requirements of his or her first baccalaureate degree.

COURSE CODES

In the pages that follow, each course is designated by a letter code, a number and a course title. Code letters denote subject areas and are given below. The number indicates a specific course and a specific course content, i.e., 100 level courses are elementary, 200-300 level courses are intermediate, and 400 level courses are advanced. Although the course title may change from time to time, the number assigned to that course remains constant, provided that its content remains essentially the same.

This publication gives the current course title associated with each course. In addition, the following subject areas are preceded by a number code which is used to identify that particular field when registering.

ACCT	(02)	Accounting	HIST	(44)	History
ADVT	(04)	Advertising	INTD	(50)	Interdisciplinary
AMST	(03)	American Studies	ITAL	(48)	Italian
ANTH	(05)	Anthropology	LAT	(55)	Latin
ART	(08)	Art	LERN	(54)	Library
BIO	(12)	Biology	MATH	(58)	Math
BUS	(15)	Business	MEDT	(56)	Medical Technology
CHEM	(19)	Chemistry	MUS	(61)	Music
COMM	(20)	Communication Arts	PHIL	(64)	Philosophy
CMMA	(59)	Computer Math	PHED	(67)	Physical Education
CMSC	(21)	Computer Science	PHYS	(71)	Physics
CRJU	(22)	Criminal/Juvenile Justice	POSC	(74)	Political Science
ECON	(23)	Economics	PRLG	(76)	Paralegal
EDUC	(27)	Education	PSYC	(78)	Psychology
ENG	(30)	English	REST	(79)	Religious Studies
ENSC	(32)	Environmental Science	RUSS	(81)	Russian
FDM	(33)	Fashion Design and Merchandising	SCI	(85)	Science
FREN	(34)	French	SOC	(88)	Sociology
GEOG	(36)	Geography	SOCW	(89)	Social work
GERM	(37)	German	SPAN	(92)	Spanish

The Core/Liberal Studies Curriculum

The Core/Liberal Studies Curriculum provides a shared educational experience for all students at Marist College. Through the exploration of human consciousness and ways of knowing, a common concern for value issues and a broad spectrum of learning experiences, the Core/Liberal Studies program forms a base which contributes to the student's experience of a liberal education.

Each introductory course involves a content which is appropriate for a beginning student; an orientation to the methods of seeking truth in that particular area; the confrontation of values; and the development of skills related to the content and methods of the course. Each advanced course enables students to achieve greater breadth and depth. The Core/Liberal Studies experience will culminate in a senior year capping course in the major field.

The new Core/Liberal Studies program described below is effective for all entering freshmen and for transfer students. Students matriculated prior to Fall 1985 and transfers admitted prior to Fall 1987 with 25 or more credits will follow the former CORE requirements described in previous catalogs.

Students in the Integrative Major follow the requirements for that program.

REQUIREMENTS IN CORE/LIBERAL STUDIES

CATEGORY 3.0

- | | | |
|------|--|--------|
| 3.1 | Foundation Courses | |
| | For students entering with 0-29 credits | |
| | PHIL 101, 102 | 6 cr |
| | For students entering with 30 credits or more | |
| | PHIL 103 | 3 cr |
| | TOTAL CREDITS REQUIRED IN FOUNDATION COURSES | 3-6 cr |
| 3.15 | History Foundation Course | |
| | HIST 135 | 3 cr |
| 3.2 | Writing Courses | |
| | On the basis of the Writing Placement Examination students will be placed into one of three writing requirements: | |
| | a) ENG 116 and ENG 117, College Writing I & II; b) ENG 117, College Writing II; c) ENG 218 Advanced Writing | 3-6 cr |
| | On the basis of the exam and other evaluations, it may be recommended to some students that they first take ENG 001, Intro. to College Writing, as preparation for ENG 116, College Writing I. | |
| 3.3 | Distribution Studies | |
| | Students are required to complete 33 credits in courses drawn from the following areas (the listings within the categories below are not necessarily all inclusive). | |
| | These requirements may be satisfied through the existing major and related field requirements of individual majors. | |

*Students entering in Fall 1988 and after are required to pursue approved 6 cr. pairings of courses in 3 of the following areas: History, Literature, Social Science, Science and Mathematics. The Foreign Language/Culture Option(s) provides an acceptable pairing when used.

1.	Natural Science Areas Biology Chemistry Physics Environmental Science Physical Anthropology Foreign Language Option (see* below)	6 cr	
2.	Social Science Areas Cultural Anthropology Economics Political Science Psychology Sociology	6 cr	
3.	History Area: Remaining field requirement fulfilled by History OR Foreign Language Option (see* below)	3 cr	
4.	Literature Areas Literature in English, Foreign Literature in Translation or in Foreign Language Foreign Language Option (see* below)	6 cr	
5.	Mathematics Areas Mathematics Foreign Language Option (see* below)	6 cr	
6.	Fine Arts Areas Art Film Music Theater Arts	3 cr	
7.	Philosophy/Religious Studies Areas May not be fulfilled by Foundation Courses: PHIL 101, 102, 103, or REL 335	3 cr	33 cr
*	Foreign language Option a. Foreign Language: Students are encouraged to take a foreign language beginning in Freshman year. Students can substitute up to two courses in foreign language at the intermediate level or above for up to <i>two</i> of the following distribution requirements. A. The second course in mathematics B. The second course in science C. The second course in history D. The second course in literature b. Foreign Culture: Students may substitute <i>one</i> course in foreign culture for the second course in either history or literature c. The Foreign Language Option may not be used to replace major or related field requirements.	0-9 cr	
3.4	Capping Experience A capping experience provided through the major field area is required in all majors leading to the B.A. or B.S. degree. It is not required for candidates for the B.P.S. degree.	3 cr	

Programs of Study

Accounting

JOHN C. KELLY, Ph.D., *Divisional Chairperson*

The major in accounting is a registered program with the New York State Board for Public Accountancy and thus fulfills the educational requirements to sit for the CPA examination in New York State. While the curriculum is primarily designed to prepare public accountants, it also serves those who wish to enter management or internal accounting.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ACCOUNTING

Note: A minimum of 60 credits in Liberal Arts required.

1.0	Course Requirements in Accounting		
	ACC 201, 202, 301, 302, 303, 310, 401, 402, 403	27 cr	
	CAPPING COURSE		
	ACC 477	<u>3 cr</u>	
	CREDIT REQUIREMENT IN ACCOUNTING		30 cr
2.0	Course Requirements in Related Fields		
	BUS 320, 380, 381, 421	12 cr	
	FIVE additional BUS or ACC courses	15 cr	
	ECON 101, 102	6 cr	
	MATH 115, 130, 230	9 cr	
	CMSC 103	<u>3 cr</u>	
	CREDIT REQUIREMENT IN RELATED FIELDS		<u>45 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN ACCOUNTING		75 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	<u>3-6 cr</u>	
			9-12 cr

PROGRAMS OF STUDY

3.2 DISTRIBUTION*

Fine Arts	3 cr
History	6 cr
Literature	6 cr
Mathematics	0 cr (fulfilled by related field req.)
Natural Science	6 cr
Philosophy/Religious Studies	3 cr
Social Science	0 cr (fulfilled by related field req.)
	<u>24 cr</u>

Total Core/Liberal Studies Requirement

33-36 cr

4.0 Electives

9-12 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

Note: Accounting majors who take an Internship or Cooperative Education Assignment are restricted to nine credits for such assignments with only **six credits** fulfilling major field requirements.

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

REQUIREMENTS FOR A MINOR IN ACCOUNTING

Introductory Level Courses

ACC 201, 202 or 203, 204

6 cr

ECON 101, 102

6 cr

MATH 115, 130

6 cr

18 cr

Upper Level Courses

ACC 310, BUS 320

6 cr

TWO courses from the following:

ACC 301, 302, 311, 350, 401, 403, 404

6 cr.

12 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN ACCOUNTING

30 cr

RECOMMENDED PROGRAM SEQUENCE FOR THE B.S. IN ACCOUNTING*

FRESHMAN YEAR**FALL**

Core/LS PHIL 101
 MATH 108 Interim. Algebra or
 Elective
 ACC 201 Accounting I
 CMSC 103 Intro. to Computer Sys.
 Core/LS Writing

SPRING

Core/LS PHIL 102
 MATH 115 Calculus/Mgmt. Appl.
 ACC 202 Accounting II
 Core/LS Writing or Elective
 Core/LS

SOPHOMORE YEAR**FALL**

ACC 301 Intermediate Accounting
 MATH 130 Statistics
 ECON 101 Prin. of Macroeconomics
 Core/LS
 Core/LS

SPRING

ACC 320 Intermediate Accounting II
 MATH 230 Operational Models
 ECON 102 Prin. of Microeconomics
 Core/LS
 Core/LS

JUNIOR YEAR**FALL**

ACC 303 Acct. Theory & Practice
 ACC 310 Cost Accounting I
 BUS 320 Financial Management
 Acct. or Business Elective
 Core/LS

SPRING

ACC 401 Advanced Accounting
 BUS 421 Probs. in Financial Management
 Acct. or Business Elective
 Acct. or Business Elective
 Core/LS

SENIOR YEAR**FALL**

ACC 403 Income Taxation I
 Acct. or Business Elective
 BUS 380 Business Law I
 Core/LS
 Elective

SPRING

ACC 477 Capping Course
 BUS 381 Business Law II
 ACC 402 Auditing
 Accounting or Business Elective
 Elective

*CPA candidates: Elective credits in health and physical education will be accepted by the College to meet the degree requirements for graduation, but will not be accepted by NYS to meet the credit requirements to sit for the CPA examination.

Advertising

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*

REQUIREMENTS FOR A MINOR IN ADVERTISING

Required Advertising Courses
ADV 101, 202, 301, 302, 303 15 cr

Course requirements in related fields
PSYC 220 or 355
ART 101 or 362
ENG Any literature course or any 300 or 400 level
Writing Workshop
COMM 105 or 327
BUS 102 or 340 15 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN ADVERTISING 30 cr

American Studies

RICHARD ATKINS, Ph.D., *Divisional Chairperson*
WILLIAM OLSON, Ph.D., *Program Advisor*

American Studies is an interdepartmental program which allows the student to explore the interplay between ideas and events in the American past through an investigation of America's history, politics, law, literature, philosophy, religion, art and music.

The American Studies major is accomplished through a combination of the selective utilization of departmental offerings already in existence and a three-credit Senior Seminar which is devoted to investigating the leading ideas that have shaped American culture. The interdisciplinary structure of the American Studies program is designed to appeal to students who seek a more integrated understanding of American culture than can be found within any of the major areas of study currently in the Marist curriculum.

The American Studies major is required to take at least twelve credits (see below) in disciplines and/or areas outside of American culture. The student is encouraged to focus his/her outside field of concentration on a particular culture such as Latin American, English or Russian.

REQUIREMENTS FOR A BACHELOR OF ARTS IN AMERICAN STUDIES

Note: A minimum of 90 credits in Liberal Arts required.

1.0 Course Requirements in American Studies
AMST 477 Capping Course 3 cr

CREDIT REQUIREMENT IN AMERICAN STUDIES 3 cr

2.0	Course Requirements in Related Fields		
	ENG 212-213	6 cr	
	ONE ENG course selected from the following:		
	240, 242, 244, 340, 341, 403, 441, 443	3 cr	
	ONE additional ENG course outside American Literature, i.e., relative to your outside field of concentration, e.g. Latin American Studies, Russian Studies	3 cr	
	HIST 135	3 cr	
	THREE HIST courses selected from the following:		
	123, 124, 225, 312, 320, 321, 364, 366, 367, 412, 413, 415	9 cr	
	ONE HIST course outside American History, i.e., relative to your field of concentration	3 cr	
	TWO PHIL courses selected from the following:		
	232, 240, 340, 342	6 cr	
	TWO POSC courses selected from the following:		
	110, 210, 211, 212, 216, 217, 312, 396, 398	6 cr	
	ONE POSC course outside American Political Science, i.e., relative to your outside field of concentration	3 cr	
	REST 201	3 cr	
	ART 363 or MUS 143	3 cr	
		<u>48 cr</u>	
	CREDIT REQUIREMENT IN RELATED FIELDS		
	TOTAL CREDIT REQUIREMENT FOR A MAJOR		51 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	<u>3-6 cr</u>	9-12 cr
3.2	DISTRIBUTION*		
	Mathematics	6 cr	
	Science	<u>6 cr</u>	
	All other requirements in distribution area are fulfilled by major field requirements		<u>12 cr</u>
	Total Core/Liberal Studies Requirement		21-24 cr
4.0	Electives		<u>48-51 cr</u>
	TOTAL CREDIT REQUIREMENT FOR GRADUATION		120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

Anthropology

GEORGE B. HOOPER, Ph.D., *Divisional Chairperson*

REQUIREMENTS FOR A MINOR IN ANTHROPOLOGY

Required Anthropology courses:

ANTH 101, 102, 120, 233

12 cr

TWO courses selected from the following:

ANTH 230, 231

ANTH 232 (also listed as REST 437)

HIST 272

SPAN 152

REST 104, 332

RUSS 223

SOC 101

9 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN ANTHROPOLOGY

21 cr

Biology

GEORGE B. HOOPER, Ph.D., *Divisional Chairperson*

The biology program is designed to allow students to move in one of several career paths. Students may take a traditional path leading to professional or graduate school. In this regard the recent affiliation between Marist College and the New York Botanical Garden-Institute of Ecosystem Studies at the Cary Arboretum in Millbrook, New York, provides special opportunities for students to work with research scientists in such fields as plant systematics, chemical ecology, animal resource management and plant genetics.

Students interested in a teaching career can pursue a course of study leading to provisional certification in biology at the secondary school level.

Career oriented students can develop a curriculum plan that will train them for employment in a particular area. Through the science intern program, they are able to obtain actual work experience in their areas of interest.

In addition, students who possess A.A.S. degrees in Medical Laboratory Technology from community colleges that have transfer agreements with the college may enter as juniors and complete the program in two years. A complete listing of these community colleges can be obtained from the chairperson of the division.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BIOLOGY

Note: A minimum of 60 credits in Liberal Arts required.

1.0	Course Requirements in Biology	
	BIO 110-111, 112-113, 210-211, 320	19 cr
	Additional courses selected from the following:	
	BIO 220, 305, 312, 315, 321, 330, 340, 420, 421, 430, 440	
	CHEM 420	16 cr
	BIO 477 Science, Medicine and Ethics	<u>3 cr</u>

CREDIT REQUIREMENT IN BIOLOGY 38 cr

2.0	Course Requirements in Related Fields	
	CHEM 111-112, 113-114, 121 or 211 and 212	
	CMSC 103, MATH 130, 221	22-25 cr
	Additional courses selected from the following:	
	MATH 131, 222, 320	
	CMSC 105	
	PHYS 111-112, 113-114	
	CHEM 211-212, 213, 351, 352, 411-412, 413	
	ENSC 101, 210, 211, 212, 310-311	
	ANTH 101-102	
	GERM 110-111	
	PHIL 230	
	PSYC 404	
	SCI 300, 490, 491, 492	
	BIO 390, 391, 392	
	EDUC 422	<u>10-13 cr</u>

Other science-related courses may be taken with the consent of the advisor and division chairperson

CREDIT REQUIREMENT IN RELATED FIELDS 35 cr

TOTAL CREDIT REQUIREMENT FOR A MAJOR IN BIOLOGY 73 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics	6 cr	
Writing	<u>3-6 cr</u>	9-12 cr

3.2 DISTRIBUTION*

Fine Arts	3 cr	
History	6 cr	
Literature	6 cr	
Mathematics	0 cr (fulfilled by related field req.)	
Natural Science	0 cr (fulfilled by related field req.)	
Philosophy/Religious Studies	3 cr	
Social Science	<u>6 cr</u>	<u>24 cr</u>

Total Core/Liberal Studies Requirement 33-36 cr

4.0 Electives 11-14 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION 120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for a second course in certain areas. See Core/Liberal Studies description in catalog.

RECOMMENDED PROGRAM SEQUENCE FOR A BIOLOGY MAJOR

FRESHMAN YEAR

FALL

BIO 110 Biology I	3 cr
BIO 112 Biology Lab I	1 cr
CHEM 111 Chemistry I	3 cr
CHEM 113 Chemistry Lab I	2 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	<u>3 cr</u>
	15 cr

SPRING

BIO 111 Biology II	3 cr
BIO 113 Biology Lab II	1 cr
CHEM 112 Chemistry II	3 cr
CHEM 114 Chemistry Lab II	2 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	<u>3 cr</u>
	15 cr

SOPHOMORE YEAR

FALL

BIO 211 Botany	4 cr
CHEM 211 Organic Chemistry I	3 cr
CHEM 213 Organic Chemistry Lab	2 cr
MATH 221 Calculus I	3 cr
Core/LS	<u>3 cr</u>
	15 cr

SPRING*

BIO 210 Cellular Biology	3 cr
CHEM 212 Organic Chemistry II	3 cr
Core/LS	<u>9 cr</u>
	15 cr

JUNIOR YEAR**FALL**

BIO Electives	5 cr
PHYS 111 Physics I	3 cr
PHYS 113 Physics Lab I	1 cr
Core/LS	3 cr
CMSC 103 Intro. to Comp. Systems	3 cr
	<u>15 cr</u>

SPRING

BIO Electives	5 cr
PHYS 112 Physics II	3 cr
PHYS 114 Physics Lab II	1 cr
Core/LS	3 cr
MATH 130 Statistics I	3 cr
	<u>15 cr</u>

SENIOR YEAR**FALL**

BIO Electives	4 cr
Core/LS	6 cr
Electives	6 cr
	<u>16 cr</u>

SPRING

BIO 477 Capping Course	3 cr
BIO Electives	6 cr
Electives	5 cr
	<u>14 cr</u>

*Students wishing to pursue secondary school teaching certification should consult with the Director of Teacher Education no later than this semester for advisement about course sequence from this point on.

**REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BIOLOGY FOR STUDENTS
WITH AAS DEGREES FROM DESIGNATED MEDICAL LABORATORY
TECHNOLOGY PROGRAMS**

1.0	Course Requirements in Biology	
	BIO 210, 320	7 cr
	Additional courses selected from the following:	
	BIO 110, 211, 305, 312, 315, 321, 330,	
	340, 420, 421, 430, 440	
	CHEM 420	11 cr
	BIO 477 Capping Course	<u>3 cr</u>
	CREDIT REQUIREMENT IN BIOLOGY	21 cr
2.0	Course Requirements in Related Fields	
	CHEM 211, 212, 213	
	MATH 221, CMSC 103	14 cr
3.0	Core/Liberal Studies Requirements	25 cr
4.0	Electives	
5.0	Transfer Credits for AAS Degree	<u>60 cr</u>
	TOTAL CREDIT REQUIREMENT FOR GRADUATION	120 cr

PROGRAMS OF STUDY

RECOMMENDED SEQUENCE OF COURSES AT MARIST

MARIST/5th Semester

BIO 210 Cellular Biology	3 cr
CHEM 211 Organic Chemistry I	3 cr
CMSC 103 Intro. to Computing	3 cr
PHIL 103 World Views and Values	3 cr
Core/LS	3 cr
	<hr/> 15 cr

MARIST/6th Semester

Biology Elective	3 cr
CHEM 212 Organic Chemistry II	3 cr
CHEM 213 Organic Chemistry Lab	2 cr
MATH 221 Calculus I	3 cr
Core/LS	3 cr
	<hr/> 14 cr

MARIST/7th Semester

BIO 320 Genetics	4 cr
Biology Elective	3 cr
Core/LS	9 cr
	<hr/> 16 cr

MARIST/8th Semester

BIO 477 Sci., Med. & Ethics	3 cr
Biology Elective	5 cr
Core/LS	7 cr
	<hr/> 15 cr

REQUIREMENTS FOR A MINOR IN BIOLOGY

BIO 110-111, 112-113, 210-211	15 cr
CHEM 111-112, 113-114, 121 or 211 and 212	13-16 cr
TWO courses selected from the following:	
BIO 220, 305, 310, 311, 315, 320, 321, 330,	
340, 421, 430, 440, 480, 481, 490	<hr/> 6 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN BIOLOGY

34-37 cr

Business Administration

JOHN C. KELLY, Ph.D., *Divisional Chairperson*

This program is designed to give the student an overview of management by requiring courses in all management functions as well as the behavioral, economic, legal and social environments in which enterprises operate. Selection of a concentration permits additional study in a particular management function. The curriculum prepares students for entry level management positions.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Note: A maximum of 45 credits in Accounting and Business allowed toward a degree. A minimum of 60 credits in Liberal Arts required.

1.0	Course Requirements in Business		
	ACC 203, 204	6 cr	
	BUS 101, 102, 301, 320, 340, 380, 381, 388, 477	<u>27 cr</u>	
			33 cr
	Additional courses in <i>one</i> of the following concentrations:		
	Finance Concentration:		
	BUS 420, 421, ECON 420	9 cr	
	Marketing Concentration:		
	BUS 440, 441, 450	9 cr	
	Computer Science Concentration:		
	CMSC 105, 112, 212, 312	13 cr	
	Personnel/Labor Relations Concentration:		
	BUS 401, 402, 410	9 cr	
	Public Administration Concentration:		
	See course requirements for a concentration in Public Administration	<u>15 cr</u>	
	CREDIT REQUIREMENT IN BUSINESS		42-48 cr
2.0	Course Requirements in Related Fields		
	CMSC 103	3 cr	
	ECON 101, 102	6 cr	
	MATH 115, 130, 230	<u>9 cr</u>	
	CREDIT REQUIREMENT IN RELATED FIELDS		<u>18 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN BUSINESS ADMINISTRATION		60-64 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	<u>3-6 cr</u>	
			9-12 cr

PROGRAMS OF STUDY

3.2 DISTRIBUTION*

Fine Arts	3 cr
History	6 cr
Literature	6 cr
Mathematics	0 cr (fulfilled by related field req.)
Natural Science	6 cr
Philosophy/Religious Studies	3 cr
Social Science	0 cr (fulfilled by related field req.)
	<u>24 cr</u>

Total Core/Liberal Studies Requirement 33-36 cr

4.0 Electives 24-27 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION 120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

REQUIREMENTS FOR A BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

Note: A minimum of 90 credits in Liberal Arts required.

At times, the College may award the B.A. in Business Administration to students in designated programs who fulfill the requirements for that degree. Presently, this degree program is only available at Green Haven and Otisville Federal Correctional Facilities.

1.0 Course Requirements in Business	
ACC 203, 204	6 cr
BUS 101, 102, 301, 320, 340, 380, 477	<u>21 cr</u>

CREDIT REQUIREMENT IN BUSINESS 27 cr

2.0 Course Requirements in Related Fields	
CMSC 103	3 cr
ECON 101, 102	6 cr
MATH 108, 130	<u>6 cr</u>

CREDIT REQUIREMENT IN RELATED FIELDS 15 cr

TOTAL CREDIT REQUIREMENT FOR A MAJOR IN BUSINESS ADMINISTRATION 42 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics
Writing

6 cr
3-6 cr

9-12 cr

3.2 DISTRIBUTION*

Fine Arts

3 cr

History

6 cr

Literature

6 cr

Mathematics

0 cr (fulfilled by related
field req.)

Natural Science

6 cr

Philosophy/Religious Studies

3 cr

Social Science

0 cr (fulfilled by related
field req.)
24 cr

Total Core/Liberal Studies Requirement

33-36 cr

4.0 Electives

42-45 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

REQUIREMENTS FOR A MINOR IN BUSINESS

Introductory Level Courses

ACC 203, 204

6 cr

ECON 101, 102

6 cr

MATH 115, 130

6 cr

18 cr

Upper Level Courses

BUS 301, 320, 340

9 cr

ONE concentration course

3 cr

12 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN BUSINESS

30 cr

PROGRAMS OF STUDY

RECOMMENDED PROGRAM SEQUENCE FOR THE B.S. IN BUSINESS ADMINISTRATION WITH CONCENTRATIONS IN COMPUTER SCIENCE, FINANCE, MARKETING, PERSONNEL AND PUBLIC ADMINISTRATION

FRESHMAN YEAR

FALL

Core/LS PHIL 101
CMSC 103 Intro. to Computer Sys.
Core/LS Writing
MATH 108 Interm. Algebra or
MATH 115 Calculus/Mgt. Appl.
ECON 101 Principles of Macroeconomics

SPRING

Core/LS PHIL 102
Core/LS Writing or Elective
MATH 115 Calculus/Mgt. Appl.
ECON 102 Principles of Microeconomics
Core/LS

SOPHOMORE YEAR

FALL

MATH 130 Statistics
ACC 203 Financial Acctg.
BUS 101 Managerial & Org. Behavior
Core/LS
Elective

SPRING

MATH 230 Operational Models
ACC 204 Managerial Accounting
BUS 102 Business & Society
Core/LS
Elective

JUNIOR YEAR

FALL

BUS 301 Personnel Admin. or
BUS 340 Marketing Management
BUS 320 Financial Management or
BUS 388 Production Management
BUS 380 Business Law I
Core/LS
Elective

SPRING

BUS 340 Marketing Management or
BUS 301 Personnel Administration
BUS 388 Prod. Management or
BUS 320 Financial Management
BUS 381 Business Law II
Core/LS
Elective

SENIOR YEAR

FALL

Concentration
Concentration
Core/LS
Core/LS
Elective

SPRING

Concentration
Core/LS
Elective
BUS 477 Mgt. Strategy & Policy
Elective

Chemistry

GEORGE B. HOOPER, Ph.D., *Divisional Chairperson*

Chemistry at Marist College is a professionally oriented program that has been approved by the American Chemical Society. Graduates who meet the requirements are ACS certified at graduation. The chemistry program prepares students for graduate school, medical and dental school, and entry into the professional job market after graduation. Students can also pursue a course of study leading to provisional certification for the teaching of chemistry at the secondary school level.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN CHEMISTRY

Note: A minimum of 60 credits in Liberal Arts required.

1.0	Course Requirements in Chemistry		
	CHEM 111-112, 113-114, 211-212, 213, 351-352, 411-412, 413	34 cr	
	Additional CHEM courses selected from the following:		
	CHEM 420, 430, * 440, 482, 483	6 cr	
	CHEM 477 Advanced Integrative Lab	4 cr	
	*Required of students pursuing an ACS approved program		
	CREDIT REQUIREMENT IN CHEMISTRY		44 cr
2.0	Course Requirements in Related Fields		
	MATH 221-222, 320 and CMSC 105	13 cr	
	PHYS 111-112, 113-114	8 cr	
	CREDIT REQUIREMENT IN RELATED FIELDS		21 cr
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN CHEMISTRY		65 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	3-6 cr	
			9-12 cr

PROGRAMS OF STUDY

3.2 DISTRIBUTION*

Fine Arts	3 cr
History	6 cr
Literature	6 cr
Mathematics	0 cr (fulfilled by related field req.)
Natural Science	0 cr (fulfilled by related field req.)
Philosophy/Religious Studies	3 cr
Social Science	6 cr
	<u>24 cr</u>

Total Core/Liberal Studies Requirement 33-36 cr

4.0 Electives 19-22 cr

Recommended Courses

PHIL 230
GERM 110-111 or RUSS 101-102 or 103
MATH 210 and 321
SCI 300

TOTAL CREDIT REQUIREMENT FOR GRADUATION 120 cr

*Students are encouraged to take intermediate foreign languages or culture courses which may be used as substitutes for a second course in certain areas. See Core/Liberal Studies description in catalog.

REQUIREMENTS FOR A MINOR IN CHEMISTRY

CHEM 111-112, 113-114, 121, 411	16 cr
ONE course selected from the following:	
CHEM 351, 352	4 cr
MATH 221	<u>3 cr</u>

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN CHEMISTRY

23 cr

RECOMMENDED PROGRAM SEQUENCE FOR A CHEMISTRY MAJOR**FRESHMAN YEAR****FALL**

CHEM 111 Chemistry I	3 cr
CHEM 113 Chemistry Lab I	2 cr
MATH 221 Calculus I	3 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	<u>3 cr</u>
	14 cr

SPRING

CHEM 112 Chemistry II	3 cr
CHEM 114 Chemistry Lab II	2 cr
MATH 222 Calculus II	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	<u>3 cr</u>
	14 cr

SOPHOMORE YEAR**FALL**

CHEM 211 Organic Chemistry I	3 cr
MATH 320 Calculus III	3 cr
PHYS 111 Physics I	3 cr
PHYS 113 Physics Lab I	1 cr
CMSC 105 Comp. Science I	<u>4 cr</u>
	14 cr

SPRING

CHEM 212 Organic Chemistry II	3 cr
CHEM 213 Organic Chemistry Lab	2 cr
PHYS 112 Physics II	3 cr
PHYS 114 Physics Lab II	1 cr
Core/LS	<u>6 cr</u>
	15 cr

JUNIOR YEAR**FALL**

CHEM 411 Physical Chemistry I	3 cr
CHEM 413 Experimental Phys. Chem.	2 cr
CHEM 351 Quantitative Analysis	4 cr
Core/LS	<u>6 cr</u>
	15 cr

SPRING

CHEM 412 Physical Chemistry II	3 cr
CHEM 352 Instrumental Methods	4 cr
Core/LS	<u>9 cr</u>
	16 cr

SENIOR YEAR**FALL**

CHEM Elective	3 cr
Electives	11 cr
Core/LS	<u>3 cr</u>
	17 cr

SPRING

CHEM 477 Advanced Integrated Lab	4 cr
CHEM Elective	3 cr
Electives	<u>8 cr</u>
	15 cr

Communication

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*

The Communication curriculum focuses attention upon those human capacities and technologies which are the tools for effective intrapersonal, interpersonal and mass communication. Therefore, it endeavors:

1. To encourage an understanding of human communication theory.
2. To enhance the student's ability to speak effectively and to develop related communication skills.
3. To provide the student with experience and practice in the communicative arts.
4. To help the student develop an awareness of the moral and ethical issues and choices inherent in human communication.

REQUIREMENTS FOR A BACHELOR OF ARTS IN COMMUNICATION

Note: A minimum of 90 credits in Liberal Arts required. Students may take no more than 42 credits in the major, excluding internship credit.

- | | | |
|-----|--|-----------------------|
| 1.0 | Courses required for all Communication majors:
COMM 104, 105, 477 | 9 cr |
| 1.1 | ONE AREA Concentration from those listed below:
Organizational Communication/Public Relations
Required: COMM 206, 207 plus three approved courses.
Theatre
Required: COMM 201, 350 plus three approved courses.
Public Address and Rhetorical Theory
Required: COMM 270, 205 plus three approved courses.
Journalism
Required: COMM 324, 424 plus three approved courses.
Radio/TV/Film
Required: COMM 230, 325 plus three approved courses. | 15 cr |
| 1.2 | Each student is required to take three additional upper-level courses at the 300-400 level. | 9 cr |
| 1.3 | Note: Internships carry elective credits and will not fulfill the above requirements. | |
| | CREDIT REQUIREMENTS IN COMMUNICATION | 33 cr |
| 2.0 | CORE/LIBERAL STUDIES REQUIREMENTS | |
| 2.1 | FOUNDATION
Philosophy/Ethics
Writing Skills | 6 cr
<u>3-6 cr</u> |
| | | 9-12 cr |

PROGRAMS OF STUDY

2.2 DISTRIBUTION*

Natural Science	6 cr
Social Science	6 cr
History	6 cr
Literature	6 cr
Mathematics	6 cr
Fine Arts	3 cr
Philosophy/Religious Studies	3 cr

24-36 cr

Total Core/Liberal Studies Requirement

33-48 cr

3.0 ELECTIVES

Students are offered the opportunity to elect pre-professional internships (21) and other academic courses. (See course descriptions for internships in Communication.)

39-54 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/LS Curriculum description of foreign language option in catalog.

REQUIREMENTS FOR A MINOR IN COMMUNICATION ARTS

COMM 104 and 105	6 cr
FIVE additional courses in Communication Arts above the 100 level. At least three of the courses must be at the 300 or 400 level. Internship credit may not be used to fill this requirement.	<u>15 cr</u>

21 cr

PROGRAMS OF STUDY

RECOMMENDED PROGRAM SEQUENCE FOR A COMMUNICATION MAJOR

FRESHMAN YEAR

FALL

Core/LS PHIL 101
Core/LS Writing
COMM 104
COMM 105 or Elective
Core/LS

SPRING

Core/LS PHIL 102
Core/LS Writing or Elective
Elective or COMM 105
Core/LS
Core/LS

SOPHOMORE YEAR

FALL

Major Elective
Core/LS
Core/LS or Elective
Elective
Elective

SPRING

Major Elective
Core/LS
Core/LS or Elective
Elective
Elective

JUNIOR YEAR

FALL

Major Elective
Major Elective
Core/LS
Core/LS
Elective

SPRING

Major Elective
Core/LS
Core/LS
Elective
Elective

SENIOR YEAR

FALL

Major Elective
Core/LS
Elective
Elective
Elective

SPRING

Major Elective
COMM 477 Capping Course
Elective
Elective
Elective

Computer Mathematics

ONKAR P. SHARMA, Ph.D., *Divisional Chairperson*

The major in Computer Mathematics is designed to stress the interplay between Mathematics and Computer Science. The student is given an opportunity to develop proficiency in both areas of study. A minor in Computer Science or Mathematics is not available to a Computer Math Major.

REQUIREMENTS FOR A BACHELOR OF ARTS IN COMPUTER MATHEMATICS

Note: A minimum of 90 credits in Liberal Arts required.

1.0	Course Requirements in Mathematics and Computer Science		
	CMSC 105, 112, 212, 233, 331	16 cr	
	MATH 210, 221, 222, 250, 320, 322, 330	21 cr	
	MATH 477 Capping Course	3 cr	
	Additional upper level MATH courses (4)		
	MATH 321, 331, 430, 440, 441, 450	12 cr	
	CREDIT REQUIREMENT IN COMPUTER MATH		52 cr
2.0	Course Requirements in Related Fields		
	None		
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN COMPUTER MATHEMATICS		<u>52 cr</u>
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	<u>3-6 cr</u>	
			<u>9-12 cr</u>
3.2	DISTRIBUTION*		
	Fine Arts	3 cr	
	History	6 cr	
	Literature	6 cr	
	Mathematics	0 cr (fulfilled by related field req.)	
	Natural Science	6 cr	
	Philosophy/Religious Studies	3 cr	
	Social Science	<u>6 cr</u>	
			<u>30 cr</u>
	Total Core/Liberal Studies Requirement		39-42 cr

PROGRAMS OF STUDY

4.0 Electives

Recommended courses

MATH 420, 421, 422, 423, 424, 451, 452

26-29 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

*Students are encouraged to take intermediate foreign languages or culture courses which may be used as substitutes for a second course in certain areas. See Core/Liberal Studies description in catalog.

RECOMMENDED PROGRAM SEQUENCE FOR BACHELOR OF ARTS IN COMPUTER MATHEMATICS

FRESHMAN YEAR

FALL

MATH 250 Discrete Math	3 cr
CMSC 105 Computer Science I	4 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
Elective	3 cr
	<hr/> 16 cr

SPRING

CMSC 112 Computer Science II	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
Elective	3 cr
	<hr/> 15 cr

SOPHOMORE YEAR

FALL

MATH 221 Calculus I	3 cr
CMSC 212 Computer Sci III	3 cr
Core/LS	6 cr
Elective	3 cr
	<hr/> 15 cr

SPRING

MATH 210 Linear Algebra	3 cr
MATH 222 Calculus II	3 cr
CMSC 233 Language Study	3 cr
Core/LS	3 cr
Elective	3 cr
	<hr/> 15 cr

JUNIOR YEAR

FALL

MATH 320 Calculus III	3 cr
MATH 330 Probability & Statistics	3 cr
Core/LS	6 cr
MATH Elective	3 cr
	<hr/> 15 cr

SPRING

CMSC 331 Theory of Programming Languages	3 cr
MATH Elective	3 cr
Core/LS	6 cr
MATH 322 Calculus IV	3 cr
	<hr/> 15 cr

SENIOR YEAR

FALL

Core/LS	6 cr
Elective	6 cr
MATH Elective	3 cr
	<hr/> 15 cr

SPRING

MATH 477 Capping Course	3 cr
Elective	5 cr
MATH Elective	3 cr
Core/LS	3 cr
	<hr/> 14 cr

Computer Science

ONKAR P. SHARMA, Ph.D., *Divisional Chairperson*

The major in Computer Science is designed to provide students with a broad background in many aspects of Computer Science. This foundation is then supplemented by advanced courses which are selected by the students to correspond with their personal and career interests.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Note: A minimum of 60 credits in Liberal Arts required.

1.0	Course Requirements			
	CMSC 105, 112, 212, 230, 233, 312, 330, 331, 340, 422, 440	34 cr		
	CMSC 477 Capping Course	3 cr		
	Additional upper level CMSC or MATH courses (3)			
	Any 300 or 400 level CMSC courses except internship.			
	No more than one course from MATH 412, 430 and 440.			
	*Any 500 level graduate CS/software development course.			
		<u>9 cr</u>	46 cr	
2.0	Course Requirements in Related Fields			
	MATH 210, 221, 222, 250, 320, 330	18 cr		
	Laboratory Science (Physics I-II recommended)	<u>8 cr</u>	26 cr	
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN COMPUTER SCIENCE			72 cr
3.0	Core/Liberal Studies Requirements			
3.1	FOUNDATION			
	Philosophy/Ethics	6 cr		
	Writing	<u>3-6 cr</u>	9-12 cr	
3.2	DISTRIBUTION**			
	Natural Science	0 cr (fulfilled by related field requirements)		
	Social Science	6 cr		
	History	6 cr		
	Literature	6 cr		
	Mathematics	0 cr (fulfilled by related field requirements)		
	Fine Arts	3 cr		
	Philosophy/Religious Studies	<u>3 cr</u>	24 cr	
	Total Core/Liberal Studies Requirement			33-36 cr

*Permission of Instructor and Chair required.

**A minor in Computer Science is not available to a Computer Math major.

PROGRAMS OF STUDY

4.0 Electives

12-15 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

REQUIREMENTS FOR A MINOR IN COMPUTER SCIENCE

The minor in Computer Science requires 12 credits in Computer Science at the 200-400 level or above. These credits are in addition to the requirements of the student's major and other minor(s). Total student credit must include all of the following courses:

CMSC 105, 112, 212

10 cr

MATH 250

3 cr

Other CMSC courses (3):

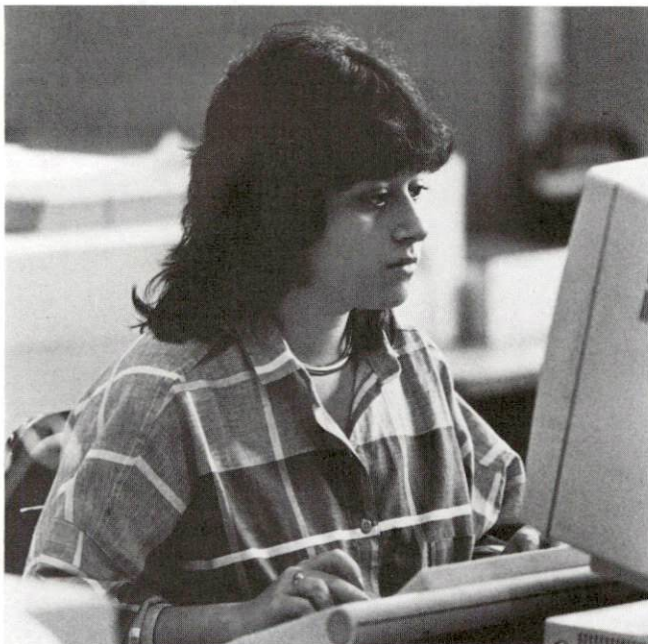
CMSC 230, 233

Any 300 or 400 level course except internship.

9 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN COMPUTER SCIENCE

22 cr



RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN COMPUTER SCIENCE

FRESHMAN YEAR**FALL**

CMSC 105 Computer Science I	4 cr
MATH 221 Calculus I	3 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
Core/LS	3 cr
	<hr/> 16 cr

SPRING

CMSC 112 Computer Science II	3 cr
MATH 222 Calculus II	3 cr
MATH 250 Discrete Math	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Core/LS	3 cr
	<hr/> 15 cr

SOPHOMORE YEAR**FALL**

CMSC 212 Computer Science III	3 cr
MATH 210 Linear Algebra	3 cr
MATH 320 Calculus III	3 cr
Core/LS Lab Science	4 cr
Core/LS	3 cr
	<hr/> 16 cr

SPRING

CMSC 230 Assembly Language	3 cr
CMSC 233 Language Study	3 cr
MATH 330 Prob. & Stat.	3 cr
Core/LS Lab Science	4 cr
Core/LS	3 cr
	<hr/> 16 cr

JUNIOR YEAR**FALL**

CMSC 312 Software Devel.	3 cr
CMSC 330 Computer Organization	3 cr
Core/LS	3 cr
Core/LS	3 cr
Elective	3 cr
	<hr/> 15 cr

SPRING

CMSC 331 Theory of Program. Language	3 cr
CMSC 340 Algorithm Design & Analysis	3 cr
Core/LS	3 cr
Core/LS	3 cr
Elective	3 cr
	<hr/> 15 cr

SENIOR YEAR**FALL**

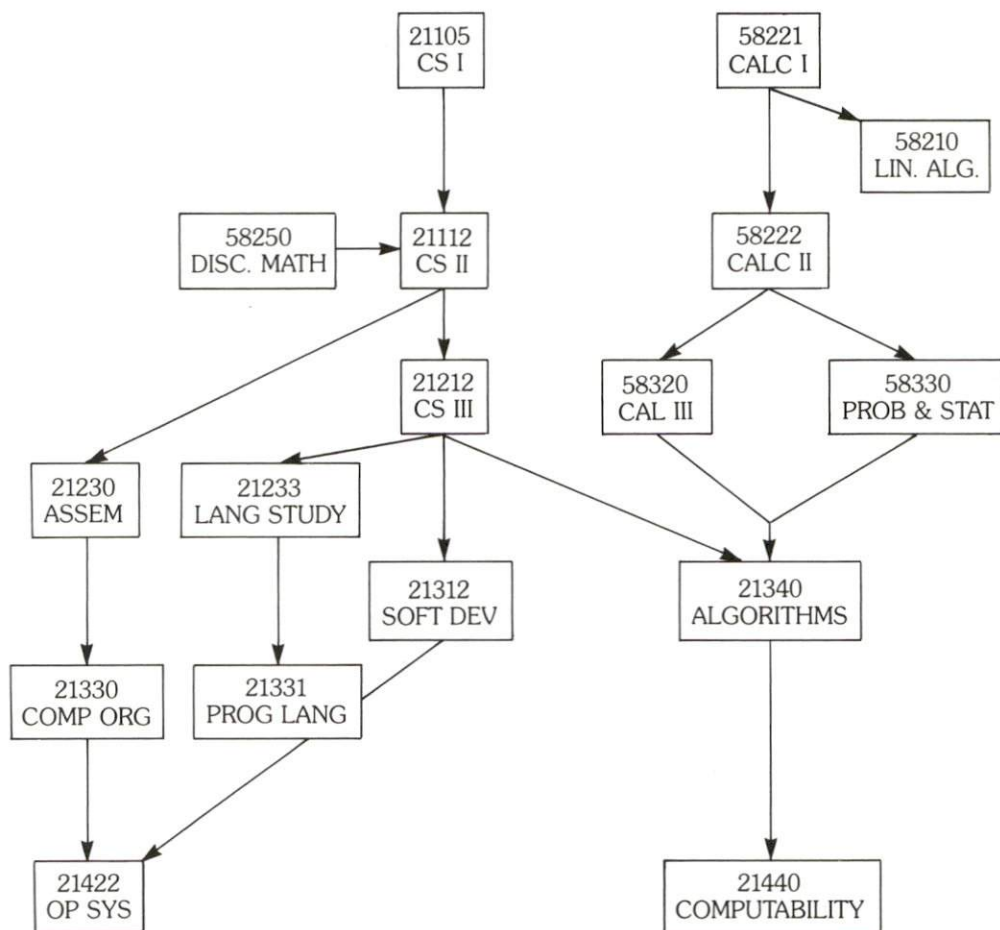
CMSC 422 Operating Systems	3 cr
CMSC 440 Formal Lang. & Comp.	3 cr
Upper Level CS Elective	3 cr
Core/LS OR Elective	3 cr
Elective	3 cr
	<hr/> 15 cr

SPRING

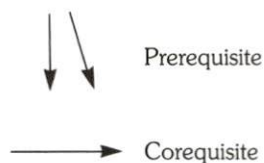
CMSC 477 Capping Course	3 cr
Upper Level CS Elective	3 cr
Upper Level CS Elective	3 cr
Elective	3 cr
	<hr/> 12 cr

Note: Students interested in an internship are advised not to take Electives in their Freshman and Sophomore years.

Computer Science Prerequisite Structure



Prerequisites of upper level electives are indicated in the appropriate course descriptions.



Criminal/Juvenile Justice

WILLIAM R. EIDLE, Ph.D., *Divisional Chairperson*

The program in Criminal Justice is designed to combine professional training in Criminal Justice with the broader experience of the liberal arts. The distribution of course requirements, while emphasizing professional courses and internship experiences in the social and behavioral sciences, also includes work in the humanities and natural sciences.

Two tracking concentrations are available to complete the program: police science or juvenile justice. In addition, students who already possess the AAS in police science or corrections administration are offered a selection of courses which build upon their previous course experiences. Such students are admitted as junior year students.

Students entering as freshmen in the police science concentration are offered professional training in police science through a cooperative program with Dutchess Community College.

The juvenile justice concentration is designed to prepare students to work in the area of community corrections. Both concentrations contain a six credit internship experience designed to integrate the theoretical knowledge learned in the classroom with the practical knowledge of working in the field. The internships thus provide experiences designed to assist the student in his/her choice of career in the criminal justice field.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN CRIMINAL JUSTICE

Note: A minimum of 60 Liberal Arts credits is required for both Juvenile Justice and Police Science students.

FOUR-YEAR PROGRAM IN CRIMINAL JUSTICE-POLICE SCIENCE CONCENTRATION

1.0	Course Requirements in Criminal Justice		
	CRJU 101, 102, 201, 206, 223, 303,		
	304, 370, 374, 440	31 cr	
	CRJU 496, 497 Internship I and II	6 cr	
	CRJU 477 Capping Course	3 cr	
1.1	TWO additional Criminal Justice courses	6 cr	
	TOTAL CREDITS IN CRIMINAL JUSTICE		46 cr
2.0	Course Requirements in Related Fields		
	MATH 130 Introductory Statistics I	3 cr	
	COMM 206 Interpersonal Communication		
	or		
	COMM 105 Public Speaking	3 cr	
	PHYS ED	2 cr	
	Social & Behavioral Science	6 cr	
			14 cr
	TOTAL CREDIT REQUIREMENT FOR A POLICE SCIENCE CONCENTRATION		60 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics
Writing Skills

6 cr
3-6 cr

9-12 cr

3.2 DISTRIBUTION*

Fine Arts
History
Literature
Math

3 cr

6 cr

6 cr

3 cr (remaining 3 cr. will
be met by related
field req.)

Natural Science
Philosophy/Religious Studies
Social Science

6 cr

3 cr

6 cr

34 cr

Total Core/Liberal Studies Requirement

42-45 cr

4.0 Electives

15-18 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

PROGRAM OF STUDY FOR CRIMINAL JUSTICE

POLICE SCIENCE CONCENTRATION

FRESHMAN YEAR

FALL

CRJU 102 Criminology	3 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
Core/LS	3 cr
Social & Behav. Science Elective	3 cr
	<hr/> 15 cr

SPRING

CRJU 101 Intro to Crim. Just.	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
Core/LS	3 cr
General Elective	3 cr
	<hr/> 15 cr

SOPHOMORE YEAR

FALL

CRJU 223 Juv. Delinq.	3 cr
CRJU 201 Police Organ. & Admin.	3 cr
COMM 206 Interpersonal Comm.	
or	
COMM 105 Public Speaking	3 cr
Core/LS	3 cr
Core/LS	3 cr
	<hr/> 15 cr

SPRING

CRJU Elective	3 cr
MATH 130 Intro to Statistics	3 cr
Core/LS	3 cr
Core/LS	3 cr
General Elective	3 cr
PHYS ED	1 cr
	<hr/> 16 cr

JUNIOR YEAR

FALL

CRJU 206 Crim. & Sci. Invest.	4 cr
CRJU 303 Crim. Procedure I	3 cr
CRJU 374 Mod. St.: Research	3 cr
Core/LS	3 cr
General Elective	3 cr
	<hr/> 16 cr

SPRING

CRJU 304 Crim. Proc. II	3 cr
CRJU 370 Theories of Punishment	3 cr
CRJU Elective	3 cr
Soc. & Beh. Science Elective	3 cr
Core/LS	3 cr
PHYS ED	1 cr
	<hr/> 16 cr

SENIOR YEAR

FALL

CRJU 440 Cross Cultural CJ Sys.	3 cr
CRJU 496 Internship	3 cr
Core/LS	3 cr
Core/LS	3 cr
General Elective	3 cr
	<hr/> 15 cr

SPRING

CRJU 477 Capping Course	3 cr
CRJU 497 Internship	3 cr
Core/LS	3 cr
General Elective	3 cr
General Elective	3 cr
	<hr/> 15 cr

PROGRAMS OF STUDY

FOUR-YEAR PROGRAM IN CRIMINAL JUSTICE—JUVENILE JUSTICE CONCENTRATION

1.0	Course Requirements in Criminal Justice CRJU 101, 102, 221, 223, 303, 305, 370, 374, 440	27 cr	
	CRJU 496, 497 Internship I and II	6 cr	
	CRJU 477 Capping Course	3 cr	
1.1	TWO additional Criminal Justice courses	<u>6 cr</u>	
	TOTAL CREDITS IN CRIMINAL JUSTICE		42 cr
2.0	Course Requirements in Related Fields MATH 130 Introductory Statistics I	3 cr	
	COMM 206 Interpersonal Communication		
	or		
	COMM 105 Public Speaking	3 cr	
	PHYS ED	2 cr	
	Social & Behavioral Science	<u>6 cr</u>	
			<u>14 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A JUVENILE JUSTICE CONCENTRATION		56 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION Philosophy/Ethics	6 cr	
	Writing	<u>3-6 cr</u>	
			9-12 cr
3.2	DISTRIBUTION*		
	Fine Arts	3 cr	
	History	6 cr	
	Literature	6 cr	
	Math	3 cr (remaining 3 credits will be met by related field req.)	
	Natural Science	6 cr	
	Philosophy/Religious Studies	3 cr	
	Social Science	<u>6 cr</u>	
			<u>33 cr</u>
	Total Core/Liberal Studies Requirement		42-45 cr
4.0	Electives		<u>19-22 cr</u>
	TOTAL CREDIT REQUIREMENT FOR GRADUATION		120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

PROGRAM OF STUDY FOR JUVENILE JUSTICE

FRESHMAN YEAR**FALL**

CRJU 102 Criminology	3 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
Core/LS	3 cr
Social & Behav. Science Elective	3 cr
	<hr/> 15 cr

SPRING

CRJU 101 Intro to Crim. Jus.	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
Core/LS	3 cr
General Elective	3 cr
	<hr/> 15 cr

SOPHOMORE YEAR**FALL**

CRJU 223 Juvenile Delinquency	3 cr
COMM 206 Interpersonal Comm.	
or	
COMM 105 Public Speaking	3 cr
Core/LS	3 cr
Core/LS	3 cr
General Elective	3 cr
	<hr/> 15 cr

SPRING

Social & Behav. Science Elective	3 cr
MATH 130 Statistics I	3 cr
Core/LS	3 cr
Core/LS	3 cr
CRJU Elective	3 cr
PHYS ED	1 cr
	<hr/> 16 cr

JUNIOR YEAR**FALL**

CRJU 221 Law & Society	3 cr
CRJU 374 Mod. St.: Research	3 cr
Core/LS	3 cr
Core/LS	3 cr
CRJU 303 Criminal Procedure I	3 cr
	<hr/> 15 cr

SPRING

CRJU 370 Theories of Punishment	3 cr
CRJU 305 Juv. Law & Procedure	3 cr
Core/LS	3 cr
CRJU Elective	3 cr
General Elective	3 cr
PHYS ED	1 cr
	<hr/> 16 cr

SENIOR YEAR**FALL**

CRJU 440 Cross Cultural CJ Syst	3 cr
CRJU 496 Internship	3 cr
General Elective	3 cr
Core/LS	3 cr
General Elective	3 cr
	<hr/> 15 cr

SPRING

CRJU 477 Capping Course	3 cr
CRJU 497 Internship	3 cr
Core/LS	3 cr
General Elective	3 cr
General Elective	3 cr
	<hr/> 15 cr

REQUIREMENTS FOR A MINOR IN CRIMINAL JUSTICE

1.0 CRJU 101, 102, 223, 303, 370

TOTAL CREDIT REQUIREMENT FOR THE MINOR

15 cr

PROGRAMS OF STUDY

REQUIREMENTS FOR A CERTIFICATE IN CRIMINAL JUSTICE*

1.0	Course Requirements in Criminal Justice CRJU 101, 102, 223, 305 or 303, 370	
	CREDIT REQUIREMENT IN JUVENILE JUSTICE	15 cr
2.0	Course Requirements in Related Fields COMM 105 PSYC 101, 220, 317 SOC 211	
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>15 cr</u>
	TOTAL CREDIT REQUIREMENT FOR CERTIFICATE IN JUVENILE JUSTICE CONCENTRATION	30 cr

*Note: The certificate program in Criminal Justice–Juvenile Justice concentration is only available at Fishkill and Downstate Correctional Facilities.

Economics

JOHN C. KELLY, Ph.D., *Divisional Chairperson*

REQUIREMENTS FOR A BACHELOR OF ARTS IN ECONOMICS

Note: A minimum of 90 credits in Liberal Arts required.

1.0	Course Requirements in Economics ECON 101, 102, 301, 302 ECON 477 Capping Course FIVE additional ECON courses	12 cr 3 cr <u>15 cr</u>
	CREDIT REQUIREMENT IN ECONOMICS	30 cr
2.0	Course Requirements in Related Fields ACC 203, 204 MATH 115, 130, 230 CMSC 103	6 cr 9 cr <u>3 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>18 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN ECONOMICS	48 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics	6 cr	
Writing	<u>3-6 cr</u>	9-12 cr

3.2 DISTRIBUTION*

Fine Arts	3 cr	
History	6 cr	
Literature	6 cr	
Mathematics	0 cr (fulfilled by related \	
	field req.)	
Natural Science	6 cr	
Philosophy/Religious Studies	3 cr	
Social Science	<u>0 cr (fulfilled by major req.)</u>	
		<u>24 cr</u>

Total Core/Liberal Studies Requirement 33-36 cr

4.0 Electives 36-39 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION 120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

REQUIREMENTS FOR A MINOR IN ECONOMICS

Introductory Level Courses

ECON 101, 102	6 cr	
MATH 115, 130	<u>6 cr</u>	12 cr

Upper Level Courses

ECON 301, 302	6 cr	
TWO courses from the following:		
ECON 305, 401, 402, 420, 421, 440, 441, 442, 443	<u>6 cr</u>	<u>12 cr</u>

TOTAL CREDIT REQUIREMENT FOR A MINOR IN ECONOMICS 24 cr

PROGRAMS OF STUDY

RECOMMENDED PROGRAM SEQUENCE FOR THE B.A. IN ECONOMICS

FRESHMAN YEAR

FALL

Core/LS PHIL 101
CMSC 103 Intro to Computer Sys.
Core/LS Writing
MATH 108 Intern. Algebra or
MATH 115 Calculus/Mgt. Appl.
ECON 101 Principles of Macroeconomics

SPRING

Core/LS PHIL 102
Core/LS
Core/LS Writing or Elective
MATH 115 Calculus/Mgmt. Appl.
ECON 102 Principles of Microeconomics

SOPHOMORE YEAR

FALL

MATH 130 Introductory Statistics
ECON 301 Intermediate Macroeconomics
Core/LS
Core/LS
Elective

SPRING

MATH 230 Operational Models
ECON 302 Intermediate Microeconomics
Core/LS
Elective
Elective

JUNIOR YEAR

FALL

ACC 201 Accounting I
Economics Elective
Core/LS
Elective
Elective

SPRING

ACC 202 Accounting II
Economics Elective
Economics Elective
Core/LS
Elective

SENIOR YEAR

FALL

Economics Elective
Economics Elective
Core/LS
Elective
Elective

SPRING

ECON 477 Capping Course
Core/LS
Elective
Elective
Elective

Education

WILLIAM R. EIDLE, Ph.D., *Divisional Chairperson*
ELIZABETH NOLAN, M.A., *Director of Teacher Education*

Marist College offers an approved competency-based program in Secondary Education preparing candidates for New York State provisional certification in the following academic subject areas for grades 7 through 12: English, social studies, mathematics, French, Spanish, biology and chemistry.

Marist students prepare for NYS provisional certification in *Special Education K-12* through an approved program offered in cooperation with Vassar College. Students completing the program meet requirements for *Elementary N-6* certification as well. The special education teacher who graduates from this program is trained to deal with a variety of educational handicaps with special focus on mental retardation, learning disabilities and behavior disorders. At the same time, he or she is prepared to teach in the regular elementary classroom.

To meet the remaining requirements for provisional certification in New York State, all teaching candidates must pass a qualifying examination, currently the NTE Core Battery exam.

Permanent NYS certification is achieved upon completion of two years of satisfactory teaching experience and a master's degree. Under an *Interstate Agreement*, NYS certification may qualify candidates for teaching certification in approximately 30 other states.

Courses in bilingual education are available to students preparing for careers in education or other human service areas. Credits earned in these courses may be applied to complete the requirements for a baccalaureate degree or to supplement the required professional education preparation for other certification.

SECONDARY EDUCATION

ADMISSION TO THE PROGRAM

A student must apply for admission to the Secondary Education program during the second semester of sophomore year, but earlier advisement contact is recommended. Applications are presented to the Director of Teacher Education for submission to the Teacher Education Council. Normally, this council will accept only those students who have achieved a cumulative index of 2.5 and a major field index of 3.0. All applications must be accompanied by three letters of recommendation from members of the faculty or administration of the College. Following an interview conducted by the Council, students accepted into the program begin taking education courses in their junior year.

PROGRAM REQUIREMENTS

The following 21 credits in professional education are required to qualify for secondary certification: EDUC 210 and PSYC 208, the appropriate methods course (EDUC 420 through EDUC 428), EDUC 415 and PHIL 233. PSYC 207 is strongly recommended. A minimum grade of C must be earned in all required courses.

During senior year, the student will spend the fall semester teaching under the supervision of the College and a cooperating teacher approved by the College.

SPECIAL EDUCATION

ADMISSION TO THE PROGRAM

Students interested in pursuing certification in the field must register with the Director of Teacher Education in first semester of freshman year to ensure accurate advisement about program requirements and course sequence. Formal application and letters of recommendation from members of the faculty and staff of the College must be submitted in fall of sophomore year.

PROGRAMS OF STUDY

Because the College does not offer education as a major, students must choose one of the major fields in which the B.A. degree is awarded. The typical Special Education student majors in psychology. For information on the psychology/special education option, see the Psychology section of this catalog.

PROGRAM REQUIREMENTS

A minimum grade of C or better is required in all courses in the sequence. Students entering the student teaching phase of the program must have completed all the necessary program prerequisites, maintained an above average academic record and demonstrated suitability and competence for teaching in various field experiences prior to the student teaching semester.

The chart below identifies *required courses and recommended course sequence*. All courses are 3-credit courses, with the exception of student teaching. Courses to be taken on the Vassar Campus are designated V in parentheses.

FALL

Introduction to Psychology

FALL

Psychology of Exceptional Child
Psychology of Child Development

FALL

Psycho-Ed Assessment of
Educational Handicaps
Psychological Disorders of Childhood
Reading in Elem/Spec Ed (V)
Practicum in Pre-School Child
Development (V)

FALL

Student Teaching (12 cr)
Workshop in Curriculum Dev (V)

SPRING

Fieldwork in Education

SPRING

Educational Psychology

SPRING

Meth and Materials for
Mildly Handicapped
Meth and Materials for
Moderately Handicapped
Measurement and Evaluation
Math for Elem/Spec Ed Teachers (V)

SPRING

Literature for Children (V)
Philosophy of Education

BILINGUAL EDUCATION

Bilingual Education is the use of two languages, one of them English, as a means of instruction. Much attention is given to the Spanish-speaking population in urban areas, but other groups are involved as well. Students interested in Bilingual Education should register with the Director of Teacher Education during their freshman year.

RECOMMENDED COURSES IN BILINGUAL EDUCATION

Secondary Education students who wish to include Bilingual Education studies should take EDUC 140 and SPAN 154 or SPAN 153, both taught in English. The student may also elect to take EDUC 441 with the permission of the Director of Teacher Education.

English

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*

At the end of the first year, in conjunction with his or her advisor, the student elects a concentration in either literature or writing.

CONCENTRATION IN LITERATURE

Each student is assigned a faculty advisor from within the department. The student should plan his or her concentration and course selections in close cooperation with the advisor. Course registration forms should carry the advisor's signature.

The English curriculum focuses attention upon the study of literature in order:

1. To increase the student's appreciation and understanding of the literary uses of language.
2. To enhance the student's ability to write effectively in standard American English.
3. To help the student become receptive to the many-sided pleasures of literature.
4. To enable the student to see how literature can illuminate the complexity of human experience.
5. To heighten the student's awareness of the moral and ethical implications of literary works.
6. To encourage the student's creativity in the area of literary expression.
7. To help the student develop the critical language necessary to describe and evaluate literary works.
8. To provide the student with a sense of the development of the Western literary tradition, especially English and American literature.

REQUIREMENTS FOR A BACHELOR OF ARTS IN ENGLISH

Note: A minimum of 90 credits in Liberal Arts required.

Concentration in Literature

1.0	Course Requirements in Freshman year: ENG 212, 213	6 cr
1.1	Course Requirements in Sophomore year: ENG 210, 211	6 cr
1.2	Capping Course ENG 477	3 cr
1.3	Course Requirements in Sophomore, Junior, and Senior years include ENG 201 or 301, and ENG 401 and eight additional upper level courses.	<u>30 cr</u>

TOTAL CREDIT REQUIREMENT FOR THE CONCENTRATION IN LITERATURE

45 cr

- | | | |
|-----|--|-----------------------|
| 2.0 | Courses Required in Related Fields
None | |
| 3.0 | Core/Liberal Studies Requirements | |
| 3.1 | FOUNDATION
Philosophy/Ethics
Writing | 6 cr
<u>3-6 cr</u> |

9-12 cr

PROGRAMS OF STUDY

3.2 DISTRIBUTION*

Fine Arts	3 cr
History	6 cr
Literature	0 cr (fulfilled by Major field req.)
Mathematics	6 cr
Natural Science	6 cr
Philosophy/Religious Studies	3 cr
Social Science	6 cr
	<u>30 cr</u>

Total Core/Liberal Studies Requirement 39-42 cr

4.0 Electives 33-36 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION 120 cr

5.0 A student is encouraged to pursue a minor in a different field to give structure and coherence to his or her program.

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

CONCENTRATION IN WRITING

The aim of the concentration in writing is to help prepare students for careers involving writing skills in such areas as business, industry, government and publishing. The concentration also prepares students for further graduate study in writing.

The writing concentration seeks to develop student skills in a wide range of written expression, including the essay, the short story, poetry, dramatic writing, newspaper writing, business and professional writing. Internship opportunities with local business or civic organizations will give students actual work experience in writing.

REQUIREMENTS FOR A BACHELOR OF ARTS IN ENGLISH

Concentration in Writing

- | | | |
|-----|--|------|
| 1.0 | Course Requirements in English in Freshman year:
ENG 212, 213 | 6 cr |
| 1.1 | Course Requirements for English in Sophomore Year:
ENG 210, 211 | 6 cr |

PROGRAMS OF STUDY

- 1.2 Course Requirements in Sophomore, Junior, and Senior years include ENG 201 or 301, and ENG 401 and eight additional upper level courses. Two are to be chosen from offerings in literature at the upper level; six are to be chosen from the following group, with at least one from the first four workshops:

ENG 310, 311, 482, 483, 312, 322, 327, 426,
480, 490

30 cr

- 1.3 Capping Course ENG 477

3 cr

- 1.4 The Internship in Writing

The internship is not required but is recommended for seniors who have distinguished themselves in the Concentration in Writing.

TOTAL CREDIT REQUIREMENT FOR THE CONCENTRATION IN WRITING

45 cr

- 2.0 Courses Required in Related Fields

None. (The student should consult his or her advisor for recommended courses.)

- 3.0 Core/Liberal Studies Requirements

- 3.1 FOUNDATION

Philosophy/Ethics
Writing

6 cr

3-6 cr

9-12 cr

- 3.2 DISTRIBUTION*

Fine Arts
History
Literature

3 cr

6 cr

0 cr (fulfilled by Major
field req.)

Mathematics

6 cr

Natural Science

6 cr

Philosophy/Religious Studies

3 cr

Social Science

6 cr

30 cr

Total Core/Liberal Studies Requirement

39-42 cr

- 4.0 Electives

33-36 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

- 5.0 A student is encouraged to pursue a minor in a different field to give structure and coherence to his or her program

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

PROGRAMS OF STUDY

REQUIREMENTS FOR SECONDARY TEACHING CERTIFICATION FOR ENGLISH MAJORS

Intermediate and upper level English courses taken to fulfill the major field requirements should be distributed over the full range of English language, literature and writing studies. Students considering a teaching career are urged to consult with the Director of Teacher Education before their Sophomore year to discuss required education courses.

In addition, English majors are expected to meet the following course requirements in Communication:

ONE course from the following: COMM 206 or 207	3 cr
ONE course from the following: COMM 201, 205 or 230	<u>3 cr</u>
TOTAL CREDIT REQUIREMENT IN COMMUNICATION FOR TEACHING CERTIFICATION IN ENGLISH	6 cr

REQUIREMENTS FOR A MINOR IN ENGLISH

ONE COMM course from the following: COMM 105, 201 or 205	3 cr
ENG 212, 213	<u>6 cr</u>
FIVE additional upper level courses in English other than the internship	<u>15 cr</u>
	24 cr

RECOMMENDED PROGRAM SEQUENCE FOR THE ENGLISH MAJOR

FRESHMAN YEAR

FALL

Core/LS PHIL 101
ENG 116 or ENG 117
ENG 212 Eng Lit I
Core/LS
Core/LS

SPRING

Core/LS PHIL 102
ENG 117 or ENG 218
ENG 213 Eng Lit II
Core/LS
Core/LS

SOPHOMORE YEAR

FALL

ENG 210 Amer Lit I
ENG 201 or ENG 301
Core/LS
Core/LS
Elective

SPRING

ENG 211 Amer Lit II
Major Level English Course
Core/LS
Core/LS
Elective

JUNIOR YEAR**FALL**

Major Level English Course
 Major Level English Course
 Core/LS
 Elective
 Elective

SPRING

Major Level English Course
 Major Level English Course
 Core/LS
 Elective
 Elective

SENIOR YEAR**FALL**

ENG 401 Literary Crit I
 ENG 477 Capping Course
 Major Level English Course
 Elective
 Elective

SPRING

Major Level English Course
 Major Level English Course
 Elective
 Elective
 Elective

Environmental Science

GEORGE B. HOOPER, Ph.D., *Divisional Chairperson*

The environmental science program is based on the application of chemistry and biology to solve problems in the areas of pollution control and resource conservation. It provides students with knowledge and skills through integrative courses in earth science, cartography, economics and mathematics. Emphasis in this program is on the preparation of students to enter the job market as environmentalists following graduation. On-the-job training is obtained through a 6-credit field intern program required of all majors in their last semester at college.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

Note: A minimum of 60 credits in Liberal Arts required.

1.0	Course Requirements in Environmental Science	
	ENSC 101, 201, 210, 310-311, 320	17 cr
	Additional Environmental Science courses selected from the following:	
	ENSC 211, 212, 401, 402	
	ECON 305	6 cr
	ENSC 477 Capping Course	<u>3 cr</u>
	REQUIREMENT IN ENVIRONMENTAL SCIENCE	26 cr
2.0	Course Requirements in Related Fields	
	BIO 110-111, 112-113, 211, 312, 330	19 cr
	CHEM 111-112, 113-114, and 121	13 cr
	CMSC 103	3 cr
	MATH 130	3 cr
	ECON 102	3 cr
	SCI 398	<u>6 cr</u>

PROGRAMS OF STUDY

CREDIT REQUIREMENT IN RELATED FIELDS		<u>47 cr</u>	
TOTAL CREDIT REQUIREMENT FOR A MAJOR IN ENVIRONMENTAL SCIENCE			73 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	<u>3-6 cr</u>	9-12 cr
3.2	DISTRIBUTION*		
	Fine Arts	3 cr	
	History	6 cr	
	Literature	6 cr	
	Mathematics	3 cr	
	Social Science	3 cr	
	Philosophy/Religious Studies	<u>3 cr</u>	24 cr
Total Core/Liberal Studies Requirement			33-36 cr
4.0	Electives		<u>11-14 cr</u>
TOTAL CREDIT REQUIREMENT FOR GRADUATION			120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

REQUIREMENTS FOR A MINOR IN ENVIRONMENTAL SCIENCE

Introductory Level Courses			
	BIO 110-111, 112-113	8 cr	
	CHEM 111-112, 113-114	10 cr	
	MATH 130	3 cr	
	ENSC 101	<u>3 cr</u>	24 cr
Upper Level Courses			
	BIO 211, 330	7 cr	
	ENSC 201, 310-311	<u>8 cr</u>	15 cr
TOTAL CREDIT REQUIREMENT FOR A MINOR IN ENVIRONMENTAL SCIENCE			39 cr

RECOMMENDED PROGRAM SEQUENCE FOR AN ENVIRONMENTAL SCIENCE MAJOR*

FRESHMAN YEAR**FALL**

BIO 110 General Bio I	3 cr
BIO 112 Gen Bio Lab I	1 cr
CHEM 111 General Chem I	3 cr
CHEM 113 Gen Chem Lab I	2 cr
Core/LS Writing	3 cr
Core/LS PHIL 101	3 cr
	<hr/> 15 cr

SPRING

BIO 111 General Bio II	3 cr
BIO 113 Gen Bio Lab II	1 cr
CHEM 112 General Chem II	3 cr
CHEM 114 Gen Chem Lab II	2 cr
ENSC 101 Intro Environmental Issues	3 cr
Core/LS PHIL 102	3 cr
	<hr/> 15 cr

SOPHOMORE YEAR**FALL**

ENSC 210 Intro. to Geology	3 cr
BIO 211 Botany	4 cr
MATH 130 Intro. Statistics	3 cr
Core/LS	6 cr
	<hr/> 16 cr

SPRING

ENSC 201 Population Wld. Resources	3 cr
CMSC 103 Intro to Computer Sys	3 cr
Core/LS	6 cr
Core/LS Writing or Elective	3 cr
	<hr/> 15 cr

JUNIOR YEAR**FALL**

ENSC 310 Environmental Chem	3 cr
ENSC 320 Cartography	3 cr
CHEM 121 Short Course Org. Chem	3 cr
BIO 330 Ecology	3 cr
Core/LS	3 cr
	<hr/> 15 cr

SPRING

ENSC 311 Instru. Envir. Chem Lab	2 cr
ECON 102 Prin. of Microeconomics	3 cr
BIO 312 Microbiology	4 cr
Core/LS	6 cr
	<hr/> 15 cr

SENIOR YEAR**FALL**

ENSC Elective	3 cr
Electives	8 cr
Core/LS	3 cr
	<hr/> 14 cr

SPRING

SCI 398 Nat Sci Field Intern	6 cr
ENSC Elective	3 cr
ENSC 477 Sci., Med. & Ethics	3 cr
Elective	3 cr
	<hr/> 15 cr

*For those students deficient in the sciences it may be desirable, in the Fall semester of the Freshman year, to register only for BIO 110 and BIO 112 OR CHEM 111 and CHEM 113, and to adjust subsequent semesters accordingly.

Fashion Design and Merchandising

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*
 PAULA WEINSTEIN, *Program Director*

The Fashion Design and Merchandising Program features a comprehensive program leading to the Baccalaureate Degree of Professional Studies (BPS).

The success of individuals in the fashion industry is based on broad flexible knowledge. Top executives must appreciate quality design on the one hand and the practical economics of the moment and of the future on the other. A designer must be a good merchant to succeed. A merchant must have heightened perception of good design through actual application.

To these ends, Marist offers a comprehensive curriculum that has the flexibility of direction to promote permanence of expertise so apparently required in the world's second largest industry. All students support their studies with a background in one of three areas: fine arts, business or communication. This, in combination with campus fashion shows, modeling and exhibits of art work, exposes the students to the many facets of the fashion market.

An internship is highly recommended for juniors and seniors. Students are usually placed locally or in New York City. Each intern must meet the requirements of the internship director. Internships carry general elective credits and do not satisfy major or related field requirements.

Transfer students with A.A.S. Degrees from appropriate programs in Fashion Design and Merchandising receive special accommodations to help them fit into the program. The College will grant them a maximum of 60 credits in transfer. They must complete the required 9 credits in one of the three Related Fields areas: fine arts, communication or business. However, because of the variety that exists among programs of studies at community colleges and because of the college's concern for graduates of this program to have the required knowledge to succeed in the field, students in this program are required to take at least 12 additional credits in Fashion Design and Merchandising. This will be specified at the time the student matriculates into the program.

REQUIREMENTS FOR A BACHELOR OF PROFESSIONAL STUDIES IN FASHION DESIGN AND MERCHANDISING

Note: A minimum of 30 credits in Liberal Arts required.

1.0	Course Requirements in Fashion Design and Merchandising FDM 101, 122, 124, 127, 129, 130, 131, 139, 224, 230, 231, 251, 261, 310, 355, 360, 364, 365, 455, 460, 465 ART 160, 365, 360 or 366 (Art Hist. L.A.'s)	52 cr <u>3 cr</u>
	CREDIT REQUIREMENT IN FASHION	55 cr
2.0	Course Requirements in one of the three Related Fields A—Fine Arts Area (201, 208, 209) B—Business Area (ACC 201, BUS 101, 380) C—Communication Area (105, 206, 207)	 <u>9 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>9 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN FASHION DESIGN AND MERCHANDISING	64 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics
Writing

6 cr
3-6 cr

9-12 cr

3.2 DISTRIBUTION*

Natural Science
Social Science
History
Literature
Mathematics
Fine Arts

6 cr
6 cr
6 cr
6 cr
6 cr

0 cr (fulfilled by major
field req.)

Philosophy/Religious Studies

3 cr

33 cr

Total Core/Liberal Studies Requirement

42-45 cr

4.0 Electives

11-14 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

TYPICAL PROGRAM FASHION DESIGN AND MERCHANDISING MAJOR

FRESHMAN YEAR

FALL

33130 Fashion Design/Wholesale
Merchandising I 3 cr
33129 Construction I 2 cr
33124 Fashion Drawing and Color 3 cr
Core/LS Writing 3 cr
Core/LS PHIL 101 3 cr
33101 Fundamentals of Art
and Design 3 cr
17 cr

SPRING

33139 Construction II 2 cr
33224 Working Sketch and
Illustration 3 cr
Core/LS 3 cr
Core/LS PHIL 102 3 cr
Core/LS Writing or Elective 3 cr
14 cr

SOPHOMORE YEAR

FALL

33230 Fashion Draping 2 cr
08160 Art History 3 cr
33122 Textiles for Fashion 3 cr
33251 Fashion Pattern Making 2 cr
Core/LS 6 cr
16 cr

SPRING

33231 Fashion Design/Wholesale
Merchandising II 3 cr
33465 Advanced Fashion Draping 2 cr
33261 Advanced Fashion Pattern Making 2 cr
33355 Fashion Model Drawing 1 cr
Core/LS 6 cr
14 cr

PROGRAMS OF STUDY

JUNIOR YEAR

FALL

33364 Fashion Publications and Layouts	3 cr
33310 Fashion Retail Merchandising	2 cr
*Related Field or Elective	3 cr
Core/LS	6 cr
33455 Fashion Model Drawing	1 cr
	<hr/> 15 cr

SPRING

33360 Advanced Fashion Retail Merchandising	2 cr
Elective	3 cr
*Related Field	3 cr
Core/LS	6 cr
33127 Graphics for Fashion	2 cr
	<hr/> 16 cr

SENIOR YEAR

FALL

33230 Fashion Design/Wholesale Merchandising III	4 cr
*Related Field	3 cr
Core/LS	6 cr
Elective or Internship	3 cr
	<hr/> 16 cr

SPRING

33460 Fashion Writing and Drawn Editorials	3 cr
33231 Fashion Design/Wholesale Merchandising IV	4 cr
*Related Field, Electives or Internships	7 cr
	<hr/> 14 cr

*Courses required in one of the three related fields: Art/Communication/Business. A minimum of 9 credits required.

All Fashion Majors (B.P.S.) have the opportunity for involvement in:

1. The Marist Year Abroad Program, generally in the Junior year, and
2. Internship and Co-Operative Education placements in the field, in the Junior/Senior years, are available for elective credit.

Fine Arts

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*
LAURENCE J. MONTALTO, Ph.D., *Director of Fine Arts Program*

The course of studies in the Fine Arts Department offers the interested student an opportunity for direct involvement with the visual and musical arts. Personal involvement with the arts at a participatory level gives the student a chance to explore his or her own creative responses to various material, modes of expression and aesthetic approaches to making art.

Students in the Fine Arts may elect courses from three general areas: Studio Art, Art History, and Music. Courses within these areas will provide the student with skills necessary for dealing with art forms from the traditional to the contemporary.

REQUIREMENTS FOR A BACHELOR OF ARTS IN FINE ARTS

Note: A maximum of 30 non-Liberal arts credits may be taken (including all studio courses and internships).

1.0 Course Requirements	
ART 101, 160, 201, 208, 360, 363	18 cr
PHIL 330 Aesthetics	3 cr
ART 477 Capping Course	3 cr
	<hr/> 24 cr

PROGRAMS OF STUDY

1.1 Concentrations

Studio

9 credits in selected sequence of painting, drawing, or
photography
12 additional studio credits

9 cr		
<u>12 cr</u>		
	<u>21 cr</u>	45 cr

OR

Non-Studio

12 credit sequence in Art History or Music
9 credits in the alternate discipline

12 cr		
<u>9 cr</u>		
	<u>21 cr</u>	45 cr

2.0 Course Requirements in Related Fields None

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics
Writing

6 cr	
<u>3-6 cr</u>	9-12 cr

3.2 DISTRIBUTION*

Natural Science
Social Science
History
Literature
Mathematics
Fine Arts

6 cr	
6 cr	
6 cr	
6 cr	
6 cr	
0 cr (fulfilled by major field req.)	
<u>0 cr (fulfilled by major field req.)</u>	

30 cr

Total Core/Liberal Studies Requirement 39-42 cr

4.0 Electives 33-36 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION 120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

French

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*

The French area of the division affords the serious student of a foreign language the following special academic programs:

1. The Marist Abroad Program, featuring individual placement during the sophomore or junior year in Paris.
2. Bilingual Education concentration
3. Secondary school teacher certification

The major outcome of a modern language education is greater self-awareness and an increased understanding of and ability to communicate with people of different cultural backgrounds. In addition, career opportunities in many key areas of domestic and international service is enhanced for the person proficient in a modern language.

Students may apply two language courses at the intermediate level or above as well as a civilization course and a literature course toward fulfilling the distributive Core/LS requirements.

REQUIREMENTS FOR A BACHELOR OF ARTS IN FRENCH

Note: A minimum of 90 credits in Liberal Arts required.

1.0	Course Requirements in French	
	FREN 250, 251	6 cr
	FREN 327, 328, 329, 330, 420	15 cr
	FREN 201, 202, 310-311 or 312-313 or 410-411	12 cr
	FREN 477 Capping Course	<u>3 cr</u>

CREDIT REQUIREMENT IN FRENCH 36 cr

Note: Internships carry elective credits and do not fulfill the above requirements.

2.0	Requirements in Related Fields
	None

TOTAL CREDIT REQUIREMENT FOR A MAJOR IN FRENCH 36 cr

3.0	Core/Liberal Studies Requirements
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3.1	FOUNDATION	
	Philosophy/Ethics	6 cr
	Writing	<u>3-6 cr</u>
		9-12 cr

PROGRAMS OF STUDY

3.2	DISTRIBUTION*		
	Natural Science	3-6 cr	
	Social Science	6 cr	
	History	3 cr (3 cr fulfilled by Civilization)	
	Literature	0 cr (fulfilled by Major field req.)	
	Mathematics	3-6 cr	
	Fine Arts	3 cr	
	Philosophy/Religious Studies	<u>3 cr</u>	
		<u>21-27 cr</u>	
	Total Core/Liberal Studies Requirement		30-39 cr
4.0	Electives		<u>45-54 cr</u>
	TOTAL CREDIT REQUIREMENT FOR GRADUATION		120 cr

REQUIREMENTS FOR A MINOR IN FRENCH LANGUAGE STUDIES

French language: THREE of the following:	
201, 202, 310, 311, 312, 313, 410, 411	9 cr
Civilization: FREN 250, 251 (To be taken on campus)	6 cr
Literature: ONE of the following:	
329, 330 (To be taken on campus)	<u>3 cr</u>

TWELVE credits of the minor can also simultaneously fulfill the distribution requirements of Core/LS.

TOTAL CREDIT REQUIREMENT FOR A MINOR IN FRENCH LANGUAGE STUDIES	18 cr
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History

RICHARD ATKINS, Ph.D., *Divisional Chairperson*

The Department is committed to the concept that the Liberal Arts provide both skills for living and skills for working. To accomplish these complementary goals, the Department believes that the student should plan curriculum selections in close cooperation with his/her faculty advisor. In this process, the substantial freedom afforded the student in course selection should be viewed as an individual opportunity to plan a meaningful curriculum to meet the student's particular objectives. Thus, the student is urged to establish early and frequent discussions with his/her faculty advisor.

Courses in modern language are not required but are strongly recommended for students with high school backgrounds in language and/or students whose career aims demand a knowledge of foreign language.

The Department also offers a concentration in public history, a new profession. Government, law firms and multi-national corporations are starting to hire historians in order that their planning may be based on an accurate understanding of the past. The movement is expected to provide many entry-level positions for properly educated history majors. Students interested in such a concentration should discuss their objectives with their faculty advisors.

REQUIREMENTS FOR A BACHELOR OF ARTS IN HISTORY

Note: A minimum of 90 credits in Liberal Arts required.

1.0	Course Requirements in History		
	HIST 135 The Rise of Modern Western Society	3 cr	
	HIST 123 American History I	3 cr	
	HIST 124 American History II	3 cr	
	HIST 140 Medieval Period, The Creation of Europe, 300 A.D.–1300 A.D.	3 cr	
	HIST 141 Early Modern Europe, 1300–1800	3 cr	
	HIST 305 Research Methods of History	3 cr	
	HIST 477 Capping Course	3 cr	
	Asian History two course sequence or Latin American History two course sequence	<u>6 cr</u>	
		27 cr	
	History Electives	<u>9 cr</u>	
	CREDIT REQUIREMENT IN HISTORY		36 cr
2.0	Course Requirements in Related Fields		
	Literature		
	English or World Literature	6 cr	
	American Literature	<u>6 cr</u>	
	CREDIT REQUIREMENT IN RELATED FIELDS		<u>12 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN HISTORY		48 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics
Writing

6 cr
3-6 cr

9-12 cr

3.2 DISTRIBUTION*

Fine Arts
History

3 cr

0 cr (fulfilled by major
field req.)

Mathematics
Natural Science
Philosophy/Religious Studies
Social Science
Literature

6 cr

6 cr

3 cr

6 cr

6 cr

30 cr

Total Core/Liberal Studies Requirement

39-42 cr

4.0 Electives

30-33 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

Recommended Courses

The following recommendations are made with respect to the HISTORY major's vocational goal. Choices should be made in consultation with a faculty advisor.

SUGGESTED SEQUENCE FOR HISTORY MAJORS

FRESHMAN YEAR

FALL

Core/LS PHIL 101
Core/LS Writing
HIST 135 Rise of Modern Western Society
Core/LS Soc./Behav. Science
Core/LS Math or Language

SPRING

Core/LS PHIL 102
HIST 140 Medieval Europe
Core/LS Writing or Elective
Core/LS Elective Soc./Behav. Science
Core/LS Math or Language

SOPHOMORE YEAR

FALL

HIST Latin America/Asia
HIST 123 American History I
Core/LS Science
American Literature
Elective

SPRING

HIST Latin America/Asia
HIST 124 American History II
Core/LS Science
American Literature
Core/LS Eco/Bus

PROGRAMS OF STUDY

JUNIOR YEAR

FALL

HIST 305 Research Methods
HIST 225 American Colonial Experience
Core/LS Fine Arts
Literature
Elective

SPRING

HIST Elective
Core/LS Philosophy/Religious Studies
Literature
Elective
Elective

SENIOR YEAR

FALL

HIST 477 Capping Course
Elective
Elective
Elective
Elective

SPRING

Elective
Elective
Elective
Elective
Elective

SUGGESTED PRE-LAW SEQUENCE FOR HISTORY MAJORS

FRESHMAN YEAR

FALL

Core/LS PHIL 101
Core/LS Writing
Core/LS Math
HIST 135 Rise of Modern Western Society
POSC 101 Intro to Politics

SPRING

Core/LS PHIL 102
Core/LS Writing or Elective
HIST 141 Early Modern Europe
CMSC 103 Intro to Computer Systems
COMM 105 Public Speaking

SOPHOMORE YEAR

FALL

HIST 123 American History I
ENG 210 American Literature I
Core/LS Math or Foreign Language
ECON 101 Prin. of Eco I
SOC 101 Intro to Sociology

SPRING

HIST 124 American History II
ENG 211 American Literature II
Foreign Language or Elective
ECON 102 Prin. of Eco II
PSYC Intro to Psych

JUNIOR YEAR

FALL

HIST Latin America/Asia
HIST 225 American Colonial Experience
HIST 305 Research Methods
Core/LS Literature
Core/LS Science

SPRING

HIST Latin America/Asia
Core/LS Fine Arts
Core/LS Science
Core/LS Literature
Core/LS Philosophy or Religion

SENIOR YEAR

FALL

HIST 312 American Presidency
PHIL Elective
POSC Elective
Elective
Elective

SPRING

HIST 321 American Business History
PHIL Elective
HIST 477 Capping Course
Elective
Elective

PROGRAMS OF STUDY

Pre-Law Advisory Committee:
J.G. White, Fontaine 304, Ext. 403
L.C. Zuccarello, Fontaine 307, Ext. 214

TEACHING-SECONDARY LEVEL

English Expression	6 cr
Social Sciences	12 cr
Behavioral Science	6 cr
Philosophy	6 cr

COMMUNICATION

English and Communication	12 cr
Social Science	6 cr
Behavioral Science	6 cr
Business, Fine Arts, Computer Science	6 cr

FOREIGN SERVICE

Language	12 cr
Political Science	6 cr
Fine Arts	6 cr
Economics	12 cr

GOVERNMENT AND COMMUNITY SERVICE

English Expression	6 cr
Business-Economics	6 cr
Behavioral Science	6 cr
Political Science	6 cr
Math-Computer Science	6 cr

HISTORICAL PRESERVATION

Art History, Fine Arts	6 cr
Archaeology, Sociology, Anthropology	9 cr
Political Science, Economics	9 cr
Business, English Expression	6 cr

MANAGEMENT

Business	12 cr
English Expression	6 cr
Math-Computer Science	6 cr
Social Science, Behavioral Science	6 cr
Language	6 cr

GRADUATE SCHOOL

Language, Computer Science	6-12 cr
Social Science	6-12 cr
Philosophy	6 cr
English Expression	6 cr

REQUIREMENTS FOR A MINOR IN HISTORY

HIST 305	3 cr
HIST 135	3 cr
HIST 140	3 cr
HIST 123, 124 (two courses in sequence)	6 cr
HIST 268, 269 or 273, 274	6 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN HISTORY

21 cr

PROGRAMS OF STUDY

PUBLIC HISTORY

RICHARD ATKINS, Ph.D., *Divisional Chairperson*
WILLIAM OLSON, Ph.D., *Internship Director*

Public History has been described as, "The doing of historical research for a client or employer." The usual purpose of the client is to bring historical research techniques and historical perspectives to bear upon a practical problem as part of a planning process. Marist College is among the first undergraduate colleges to initiate a concentration in Public History.

REQUIREMENTS FOR A CONCENTRATION IN PUBLIC HISTORY

1.0	HIST 305	3 cr	
	Any TWO, three-credit hour courses in		
	American History	6 cr	
	HIST 413	3 cr	
	Public History Internship	<u>6-12 cr</u>	
	TOTAL REQUIREMENT FOR A CONCENTRATION IN		
	PUBLIC HISTORY		18-24 cr
2.0	Recommended Courses:		
	POSC 283	3 cr	
	CMSC 103	3 cr	

Integrative Major

JULIANNE MAHER, Ph.D., *Dean of The School of Adult Education*

Recognizing that curricula designed for traditional college students do not always meet the educational needs of adults, Marist has created a Bachelor's degree program for adult learners. The Integrative Major provides the flexibility to tailor an education that meets personal and professional objectives.

The adult student pursuing the Integrative Major will, with faculty advisement, establish requirements for a degree by combining courses from existing majors. Thus a student may decide to combine course sequences, for example, in Business, Computer Science, and Communication; in Languages, History, Philosophy, and Writing; or in any number of other ways. Each degree will be uniquely the student's own, with the course selections based on the individual's previous experience and professional and personal goals.

Included in every Integrative Major Program will be a five-course sequence, which takes the place of the distributive Core/Liberal Studies curriculum required in traditional majors. The sequence begins with an initial course that helps students plan their programs, assess prior life and academic experiences, and formulate educational goals. The next three courses are seminars focusing on the integration of learning across the various academic disciplines. Capping the sequence will be a final course in which the students consider a significant contemporary issue from the perspective of their own liberal and professional studies.

Key elements of this new degree program are:

- A combination of structure and flexibility that challenges students to define their educational goals.
- An emphasis on incorporating prior life experiences into the student's current college program.
- Opportunities for sponsored learning (independent study and other nontraditional forms of education).
- A focus on integrating knowledge from across a variety of disciplines.
- The option of using transfer credits from other colleges to meet degree requirements.

Students may elect to design either a bachelor of arts or a bachelor of science degree. In either case, every student's degree plan will be reviewed at the completion of 30, 60 and 90 credit hours, and a committee of faculty members will monitor and approve all degree plans.

REQUIREMENTS FOR A BACHELOR'S DEGREE IN THE INTEGRATIVE MAJOR

- | | | |
|-----|--|-------|
| 1.0 | Integrative Major | 45 cr |
| | Forty-five (45) credits must be selected from a minimum of two different major or minor programs. A student's program must include at least 12 credits in each area or a minimum of 18 credits in each area if only two areas are chosen. Preferably, a student will select courses from three or four different disciplines (12-15 credits for each), following a sequence of increasing depth and sophistication in each area. Of the 45 credits at least 21 must be upper level courses, usually designated as 300-400 level courses taken at Marist. | |
| 1.1 | Transfer Credits | |
| | Up to 15 of the 45 major credits may be transferred from another institution. Transfer credits for the elective area follow general institutional guidelines. Generally speaking, transfer credits will not be used for core requirements. | |

PROGRAMS OF STUDY

2.0 Adult Core

Eighteen (18) credits of core requirements are as follows:

World Views and Values	3 cr	
Personal History and the Educational Experience (prerequisite for seminars)	3 cr	
INTD Seminar I: Self, Story and Culture	3 cr	
INTD Seminar II: Self, Society and Institutions	3 cr	
INTD Seminar III: Self, Nature and History	3 cr	
INTD CAP: Capping Experience	<u>3 cr</u>	18 cr

3.0 Writing Skills Requirements

0-6 cr

The College requires that a student demonstrate proficiency in writing in order to graduate. The proficiency requirement may be satisfied in one of several ways:

1. by satisfactory performance on the Writing Placement Examination (taken at Freshman Registration; upon entering the College by transfers; or by appointment with the Director of the Writing Program);
2. by passing ENG 117 with a grade of C or better or by passing the Writing Proficiency Examination at the conclusion of ENG 117 with a grade of at least C;
3. by transferring into the College a course equivalent to ENG 117 with a grade of C or better.

4.0 Electives

51-57 cr

Students are free to choose elective credits as they wish. Attention should be paid, however, to the mix of liberal arts and non-liberal arts courses. (See below.)

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

BA/BS Options

The Integrative Major can be a BA or a BS degree depending on the number of liberal arts credits. For the BA degree the student's program must include a minimum of 90 credits in the liberal arts and sciences. For the BS degree a minimum of 60 credits in the liberal arts and sciences is required.

Procedures

1. Advisement

All students pursuing the Integrative Major must enroll in Personal History and the Educational Experience as their first course. This course provides the context within which students will map their plans of study and write the Rationale for the Study Plan. Options for prior learning assessment and sponsored learning options will be explored as well. At the end of this course students will submit the study plan and rationale to the Faculty Council for School of Adult Education for approval. An Adult Education advisor will also be designated to work with the student twice every semester in selecting courses consistent with his/her educational objectives.

2. Academic Review

Study plans will be reviewed at intervals of 30, 60 and 90 credits. Goals may be revised and reassessed at these points; any major changes must be approved by the Faculty Council.

Jewish Studies

RICHARD ATKINS, Ph.D., *Divisional Chairperson*
 MILTON TEICHMAN, Ph.D., *Coordinator*

The minor in Jewish Studies is an interdepartmental program which involves faculty from the departments of English, religious studies, history and political science. A planned program of courses drawn from current and future offerings, the minor has been developed for students who wish to deepen their knowledge of Judaism and Jewish culture. Participation in the program can help students to perceive the relation of Judaism to other world religions and to understand Judaism's impact on Western culture. It can stimulate reflection on fundamental human values.

A minimum of 18 credits constitutes the minor. In addition to the designated curriculum, independent study courses are available.

REQUIREMENTS FOR A MINOR IN JEWISH STUDIES

1.0	TWO courses selected from the following: REST 101, 201, 204	6 cr
	FOUR courses selected from the following: HIST 272, 349 ENG 470, 471, 473	<u>12 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MINOR IN JEWISH STUDIES	18 cr

Latin American Studies

RICHARD ATKINS, Ph.D., *Divisional Chairperson*
 WILLIAM C. OLSON, Ph.D., *Coordinator*

The Latin American Studies Program offers students the opportunity to complement their major field with an interdisciplinary experience that seeks to combine history, culture, language, literature and other disciplines. Latin American Studies is a companion to a student's major, not a major field itself. Careful selection of electives permits the student to pursue a major field and the program in Latin American Studies.

REQUIREMENTS

1. A minimum of 36 credits, exclusive of courses in Spanish language proficiency.
2. Fluency in the Spanish language, which will include the completion of courses in advanced Spanish.
3. One year residence at a Latin American university.

PROGRAMS OF STUDY

REQUIREMENTS IN LATIN AMERICAN STUDIES

1.0	Course Requirements in Latin American Studies	
	SPAN 220	3 cr
	ONE SPAN course selected from the following:	
	SPAN 150, 152, 153	3 cr
	HIST 273, 274, 375	9 cr
	Marist Abroad Program:	
	FIVE courses studied will be credited toward Latin American Studies Requirements	<u>15 cr</u>
	CREDIT REQUIREMENT IN LATIN AMERICAN STUDIES	30 cr
2.0	Course Requirements in Related Fields	
	TWO courses approved by the Coordinator of Latin American Studies	<u>6 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>6 cr</u>
	TOTAL CREDIT REQUIREMENT IN LATIN AMERICAN STUDIES	36 cr

Mathematics

ONKAR P. SHARMA, Ph.D., *Divisional Chairperson*

The major in Mathematics provides the students with a broad understanding of the field while it enables them to prepare for more specific goals by choosing their upper division courses according to one of three structured tracks. Students are strongly encouraged, but not required to pursue one of these tracks in choosing their upper level electives.

The first of these is the Applied Mathematics track, which gives the student the necessary background to continue to learn to apply this discipline in a variety of environments. The second is a secondary education track, which prepares the student with the tools to continue to grow as a teacher of mathematics. The pure mathematics track gives the student the background to pursue further study in mathematics at the graduate level.

Students interested in the secondary education track should follow the suggested plan of study very closely, and should declare their intention to pursue this track by the fall semester of their sophomore year.

REQUIREMENTS FOR A BACHELOR OF ARTS IN MATHEMATICS

Note: A minimum of 90 credits in Liberal Arts required.

.0	Course Requirements in Mathematics	
	MATH 205, 210, 221, 222, 320, 322, 330, 410, 420	27 cr
	MATH 477 Capping Course	3 cr
	CMSC 105	4 cr

- 1.1 Additional upper level MATH courses 15 cr

Recommended upper level MATH courses:

Applied Track:

MATH 321, 331, 412, 422, 423, 424, 430, 440, 441, 470
are recommended.

Secondary Education Track:

Students pursuing certification in Mathematics must
choose MATH 450 as one upper level MATH course.

Pure Track:

MATH 421, 424, 450, 451, 452, 470 are recommended.

CREDIT REQUIREMENT IN MATHEMATICS

49 cr

- 2.0 Course Requirements in Related Fields

- 2.1 Applied Track: None

- 2.2 Secondary Education Track:

PSYC 101, 208

PHIL 2323

EDUC 210, 424, 415

6 cr

3 cr

18 cr

Total Related field requirements

27 cr

- 2.3 Pure Track: None

- 3.0 Core/Liberal Studies Requirements

- 3.1 Applied and Pure Tracks:

PHIL 101, 102

Writing

Natural Science

Social Science

History

Literature

Mathematics

Fine Arts

Phil/Rel

6 cr

3-6 cr

6 cr*

6 cr

6 cr*

6 cr

(satisfied by major field)

3 cr

3 cr

39-42 cr

PROGRAMS OF STUDY

3.2	Secondary Education Track:	
	PHIL 101, 102	6 cr
	Writing	3-6 cr
	Natural Science	6 cr*
	Social Science	(satisfied by PSYC 101, 208)
	History	6 cr*
	Literature	6 cr
	Mathematics	(satisfied by major field)
	Fine Arts	3 cr
	Phil/Rel.	(satisfied by PHIL 233)
		30-33 cr
4.0	Free Electives	
4.1	Applied Mathematics Track:	
	Students in this track are encouraged to complete a minor in Computer Science	29-32 cr
4.2	Secondary Education Track:	
	Students in this track may wish to take as many Computer Science courses as possible	11-14 cr
4.3	Pure Mathematics Track	
	Students in this track are urged to take foreign languages and Computer Science courses as free electives	29-32 cr
	TOTAL REQUIRED FOR GRADUATION:	120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

REQUIREMENTS FOR A MINOR IN MATHEMATICS

MATH 205, 210, 221, 222, 320, 322	18 cr
MATH 410 or 420	3 cr
TOTAL CREDIT REQUIREMENT FOR A MINOR IN MATHEMATICS	21 cr

RECOMMENDED CURRICULUM FOR A MATHEMATICS MAJOR**Applied and Pure Tracks:****FRESHMAN YEAR****FALL**

MATH 221 Calculus I	3 cr
CMSC 105 Computer Sci I	4 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
Core/LS	3 cr
	<hr/> 16 cr

SPRING

MATH 222 Calculus II	3 cr
MATH 205 Fund. Concepts	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
Core/LS	3 cr
	<hr/> 15 cr

SOPHOMORE YEAR**FALL**

MATH 320 Calculus III	3 cr
MATH 210 Linear Algebra	3 cr
Core/LS	6 cr
Elective	3 cr
	<hr/> 15 cr

SPRING

MATH 322 Calculus IV	3 cr
MATH 330 Prob. & Stat	3 cr
Core/LS	6 cr
Elective	3 cr
	<hr/> 15 cr

JUNIOR YEAR**FALL**

MATH 410 Abstract Alg.	3 cr
MATH Elective	3 cr
Core/LS	3 cr
Electives	6 cr
	<hr/> 15 cr

SPRING

MATH 420 Math Analysis I	3 cr
MATH Elective	3 cr
Core/LS	3 cr
Electives	6 cr
	<hr/> 15 cr

SENIOR YEAR**FALL**

MATH Electives	6 cr
Core/LS	3 cr
Electives	5 cr
	<hr/> 14 cr

SPRING

MATH 477 Capping Course	3 cr
MATH Elective	3 cr
Core/LS	3 cr
Electives	6 cr
	<hr/> 15 cr

PROGRAMS OF STUDY

Secondary Education Track:

FRESHMAN YEAR

FALL

MATH 221 Calculus I	3 cr
CMSC 105 Computer Sci I	4 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
Core/LS	3 cr
	<hr/> 16 cr

SPRING

MATH 222 Calculus II	3 cr
MATH 205 Fund. Concepts	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
Core/LS	3 cr
	<hr/> 15 cr

SOPHOMORE YEAR

FALL

MATH 320 Calculus III	3 cr
MATH 210 Linear Algebra	3 cr
Core/LS	6 cr
PSYC 101	3 cr
Elective	3 cr
	<hr/> 15 cr

SPRING

MATH 322 Calculus IV	3 cr
MATH 330 Prob. & Stat	3 cr
PSYC 208	3 cr
PHIL 233	3 cr
Core/LS	3 cr
	<hr/> 15 cr

JUNIOR YEAR

FALL

MATH 410 Abstract Alg.	3 cr
MATH Elective	3 cr
Core/LS	3 cr
Electives	6 cr
	<hr/> 15 cr

SPRING

MATH 420 Math Analysis I	3 cr
MATH Elective	3 cr
Core/LS	3 cr
EDUC 210	3 cr
EDUC 424	3 cr
	<hr/> 15 cr

SENIOR YEAR

FALL

EDUC 415	12 cr
Core/LS	3 cr
	<hr/> 15 cr

SPRING

MATH 477 Capping Course	3 cr
MATH Electives	6 cr
Electives	5 cr
	<hr/> 14 cr

Note: Refer to the Education section of this catalog for detailed information about requirements in the Secondary Education program. Students interested in preparing to teach mathematics at the Secondary School level should consult the director of Teacher Education before the end of their third semester or earlier.

Medical Technology

GEORGE B. HOOPER, Ph.D., *Divisional Chairperson*

CATHERINE E. NEWKIRK, M.S., M.T. (ASCP), *Program Director*

Medical Technology offers exciting educational and career opportunities for students wishing to combine an interest in the sciences with laboratory medicine and diagnostic health care. As vital members of the health care team, medical technologists work closely with pathologists and other physicians to provide information needed for the diagnosis and therapeutic management of disease. Technologists may pursue diverse career opportunities. They may work in hospital laboratories, research facilities (university, government or industrially operated), public health centers, commercial companies, colleges and universities. They represent the upper division of laboratory personnel and can establish challenging careers in laboratory administration, specialized research, technical development and marketing, or in medical technology education.

Designed to meet the essentials of the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and accredited by the Committee on Allied Health Education and Accreditation (CAHEA), the Medical Technology Program at Marist College represents a cooperative effort between the college and local clinical laboratories in developing a four-year curriculum leading to a Bachelor of Science degree with a major in Medical Technology. Students have a strong foundation in liberal arts and take courses in biology, chemistry, math and computer science in preparation for their advanced clinical courses. Students take clinical courses on campus and gain experience in a simulated medical laboratory equipped with state-of-the-art analytical instrumentation. Clinical courses include hematology, clinical microscopy, immunohematology, clinical microbiology and clinical chemistry. The curriculum emphasizes an understanding of the pathogenesis and manifestation of diseases analyzed by laboratory testing and the theoretical principles supporting these tests. Students spend six months in an affiliated medical laboratory studying diagnostic evaluation and therapeutic monitoring of actual patient cases. They study side by side with professional medical technologists and are under the direction and supervision of Marist College faculty. The Marist program is formally affiliated with three medical laboratories: St. Francis Hospital, Poughkeepsie, NY; Hospital Shared Services, Inc., Poughkeepsie, NY and the City of Kingston Laboratory, Kingston, NY. Two of these facilities are located within walking distance of the college. Students must maintain a minimum grade point average of 2.5 in all science and math courses to participate in the clinical portion of the program. A grade of C or better is required in all professional courses.

The curriculum is designed to meet the program goals of educating students who are capable of performing competently as medical technologists at the career entry level and to provide the foundation for further study and advancement in many academic and professional areas. Although not a requirement for graduation, students are prepared and eligible to take national certification examinations.

The program provides an opportunity for students with an Associate degree in Medical Laboratory Technology or the Natural Sciences to complete a Bachelor of Science degree with a major in Medical Technology at Marist College. Transfer students usually receive 60 credits for courses taken at other accredited institutions of higher education and can complete the Marist College program in two years with full-time study.

PROGRAMS OF STUDY

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Note: A minimum of 60 credits in Liberal Arts required.

1.0	Course Requirements in Biology BIO 110, 111, 112, 113, 312, 315, 421		19 cr
1.1	Course Requirements in Chemistry CHEM 111, 112, 113, 114, 121 or 211,* 351 or 352 or 420		16-17 cr
	*Students opting to take CHEM 211 must complete CHEM 212 in Section 1.4 below.		
1.2	Course Requirements in Math and Computer Science MATH 130 CMSC 103		6 cr
1.3	Course Requirements in Medical Technology MEDT 250, 301, 305, 315, 340, 345, 401, 405, 410, 440, 445 MEDT 477 Capping Course	34 cr <u>3 cr</u>	37 cr
1.4	Additional Course Requirements in Science A minimum of 6 credits to be chosen from the following: BIO 210, 220, 320, 340, 430, 440 CHEM 212, 213, 351, 352, 420 PHYS 111, 112, 113, 114		<u>6 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN MEDICAL TECHNOLOGY		84-85 cr
2.0	Core/Liberal Studies Requirements		
2.1	FOUNDATION Philosophy/Ethics Writing	6 cr <u>3-6 cr</u>	9-12 cr

PROGRAMS OF STUDY

2.2 DISTRIBUTION*

9 credits in at least 3 areas must be in courses numbered 200 or above.

Fine Arts	3 cr
History	6 cr
Literature	6 cr
Mathematics	3 cr
Natural Science	0 cr (fulfilled by related field req.)
Philosophy/Religious Studies	3 cr
Social Science	6 cr

27 cr

Total Core/Liberal Studies Requirement

36-39 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120-124 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies curriculum description of foreign language option in catalog.

RECOMMENDED PROGRAM SEQUENCE FOR A MEDICAL TECHNOLOGY MAJOR*

FRESHMAN YEARS

FALL

BIO 110 General Biology I	3 cr
BIO 112 General Bio Lab I	1 cr
CHEM 111 General Chemistry I	3 cr
CHEM 113 General Chem Lab I	2 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
	<u>15 cr</u>

SPRING

BIO 111 General Biology II	3 cr
BIO 113 General Bio Lab II	1 cr
CHEM 112 General Chemistry II	3 cr
CHEM 114 General Chem Lab II	2 cr
Core/LS PHIL 102	3 cr
CMSE 103 Intro to Comp. Sys.	3 cr
	<u>15 cr</u>

SOPHOMORE

FALL

MEDT 250 Techniques in Med. Tech.	3 cr
CHEM 121 Short course in Org. Chem.	3 cr
Science Elective	3-4 cr
Core/LS Social Science	3 cr
Core/LS Mathematics	3 cr
	<u>15-16 cr</u>

YEAR

SPRING

MATH 130 Intro to Statistics	3 cr
Science Elective	3-4 cr
Core/LS History	3 cr
Core/LS Social Science	3 cr
Core/LS Fine Arts	3 cr
	<u>15-16 cr</u>

JUNIOR

FALL

BIO 312 Microbiology	4 cr
BIO 315 Immunology	3 cr
Core/LS Literature	3 cr
CHEM 351 Qualitative Analysis	4 cr
	<u>14 cr</u>

YEAR

SPRING

MEDT 301 Clinical Microbiology I	4 cr
MEDT 305 Clinical Chemistry I	4 cr
MEDT 315 Hematology I	4 cr
MEDT 340 Clinical Immunology/ Immunohematology I	3 cr
MEDT 345 Clinical Microscopy I	1 cr
	<u>16 cr</u>

PROGRAMS OF STUDY

SENIOR SUMMER/FALL	YEAR	SPRING	
MEDT 401** Clinical Microbiology II	4 cr	BIO 421 Parasitology	4 cr
MEDT 405** Clinical Chemistry II	4 cr	MEDT 477 Capping Course	3 cr
MEDT 410** Clinical Hematology II	3 cr	Core/LS Phil/Religious Studies	3 cr
MEDT 440** Clinical Immunology/ Immunohematology II	3 cr	Core/LS History	3 cr
MEDT 445** Clinical Microscopy II	1 cr	Core/LS Literature	3 cr
	<u>15 cr</u>		<u>16 cr</u>

**Hospital-Based Course

*For those students deficient in the sciences, it may be desirable, in the Fall semester of the Freshman year, to register only for BIO 110 and BIO 112 OR CHEM 111 and CHEM 113, and adjust subsequent semesters accordingly.

Music

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*

REQUIREMENTS FOR A MINOR IN MUSIC

ONE Vocal course selected from the following:
MUS 112, 113, 212, 213, 393 3 cr

ONE Choral course selected from the following:
MUS 110, 111, 301, 302, 299* 3 cr

ONE Theory course selected from the following:
MUS 103, 120, 220, 393 3 cr

TWO Appreciation courses selected from the following:
MUS 105, 106, 214, 225 6 cr

The remaining six credits or two courses must be elected
from any other music offerings not previously covered in
completing the above requirements. 6 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN MUSIC 21 cr

*MUS 299 may be repeated to complete this 3-credit choral activity requirement.

Paralegal Program

RICHARD ATKINS, Ph.D., *Divisional Chairperson*
SCOTT MYERS, J.D., *Director of the Paralegal Program*

The Paralegal Program offers an organized and comprehensive system of training, following the established guidelines of the American Bar Association, in the jurisprudential theories, legal knowledge and practical skills required for qualification as a legal assistant. The Program, offered within the context of the educational purpose of the College, is reflective of the College's commitment to a humanistic, value-oriented, liberal arts curriculum.

In order to receive the Paralegal Certificate, undergraduates accepted into the Paralegal Program are required to matriculate and pursue a major field of study leading to the baccalaureate degree. The certificate will be awarded after a student has completed all of the course requirements in paralegal studies (24 credits) and at least 36 additional credit hours toward the Marist baccalaureate degree.

Persons seeking to enter the Paralegal Program who already hold baccalaureate degrees may apply for admission into the program through the Director of the Paralegal Program. These students are eligible to receive the Paralegal Certificate upon completion of the paralegal course requirements (24 credits).

Persons who are neither matriculating Marist undergraduates nor holders of baccalaureate degrees may also enter the Paralegal Program. These students are eligible to receive the Paralegal Certificate upon completion of all of the paralegal course requirements (24 credits) and 36 additional credit hours.

Advanced placement and life experience credits may be awarded according to College regulations governing these credits.

REQUIREMENTS IN THE PARALEGAL PROGRAM

1.0	Course Requirements in Paralegal Studies	
	PRLG 101, 210, 211, 213, 380, 422	18 cr
	SIX additional credits in paralegal studies	
	selected from: PRLG 212, 215, 420	<u>6 cr</u>
	TOTAL PARALEGAL COURSE CREDITS	24 cr
	Additional course credits	<u>36 cr</u>
	(Non-degree holders admitted to the program)	
	TOTAL CREDIT REQUIREMENT FOR PARALEGAL CERTIFICATE FOR NON-DEGREE HOLDERS	60 cr
2.0	Marist undergraduates must also fulfill their major field requirements for their degrees.	
	All 36 non-paralegal course credits, including transfer credits, must be acceptable towards a Marist degree.	

PROGRAMS OF STUDY

Philosophy

RICHARD ATKINS, Ph.D., *Divisional Chairperson*

REQUIREMENTS FOR A MINOR IN PHILOSOPHY

Introductory Level Courses or PHIL 101-102	6 cr
Upper Level Courses	
TWO Historical Philosophy Courses: 220, 221, 222, 223, 240, 342	6 cr
TWO Genre Philosophy Courses: 212, 230, 231, 232, 233, 242, 330, 340	<u>6 cr</u>
 TOTAL CREDIT REQUIREMENT FOR A MINOR IN PHILOSOPHY	 18 cr

Students who wish to minor in Philosophy must contact the Division Chairperson for advisement in choosing Philosophy courses pertinent to the student's major field of study.

Physical Education

GEORGE B. HOOPER, Ph.D., *Divisional Chairperson*

HOWARD GOLDMAN, P.E.D., *Director of Physical Education*

PROGRAM IN COACHING CERTIFICATION FOR NEW YORK STATE

A ruling by the New York State Board of Regents requires that all public school coaches must be certified by an approved program of certification or be a certified teacher of Physical Education.

Marist has been approved as a certifying institution and is providing the courses leading to coaching certification in New York State.

The course areas offered are mandated by the state and fall into three basic areas:

1. Philosophy, principles and organization, covered by PHED 410, Principles and Problems of Coaching (Three Credits).
2. Health Sciences applied to coaching—covered by two courses—PHED 401, Movement in Sports, and PHED 305, First Aid and Care of Injuries (Two Credits each).
3. Theory and techniques courses in coaching—covered by the courses available in the specific area the person wishes to coach (Two Credits each).

Political Science

RICHARD ATKINS, Ph.D., *Divisional Chairperson*

The Political Science Curriculum provides students with an opportunity to engage in a systematic study of political beliefs, processes and institutions. In so doing, the curriculum involves students in the consideration of significant national and international issues and encourages students to develop understanding of a wide variety of political cultures, especially with their accompanying political perspectives.

The Political Science Curriculum attempts to provide its student majors with an understanding of the origins, scope, content and methodologies of this discipline. It seeks to make available to students experience in the use of selected methodologies and/or experience as a participant/observer in the political process. It also prepares students for careers by a carefully planned program of courses combining major field studies with courses in other areas. Through the Political Science major, students may prepare for professional schools, for graduate studies and for entry level posts in a variety of professional areas.

Consonant with the mission of Marist College, an important objective of this major field is to provide students with an awareness of perennial value issues related both to methodological and content concerns of this academic discipline.

REQUIREMENTS FOR A BACHELOR OF ARTS IN POLITICAL SCIENCE

Note: A minimum of 90 credits in Liberal Arts required.

1.0	Course Requirements in Political Science	
	POSC 101	3 cr
	ONE course selected from each of the following areas:	
	Political Theory	
	POSC 216, 232, 233, 243	
	American Government	
	POSC 110, 211	
	International Politics	
	POSC 205, 273, 372	
	Comparative Politics	
	POSC 251, 252, 350, 353, 355	12 cr
	FIVE additional POSC courses, including the	
	Capping Course POSC 477	<u>15 cr</u>
	CREDIT REQUIREMENT IN POLITICAL SCIENCE	30 cr
2.0	Course Requirements in Related Fields	
	Communication (preferably Public Speaking)	3 cr
	History	<u>6 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>9 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN	
	POLITICAL SCIENCE	39 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics
Writing

6 cr
3-6 cr

9-12 cr

3.2 DISTRIBUTION*

Fine Arts
History

3 cr
0 cr (fulfilled by related
field req.)

Literature
Mathematics
Natural Science
Philosophy/Religious Studies
Social Science

6 cr
6 cr
6 cr
3 cr
0 cr (fulfilled by major
field req.)
24 cr

Total Core/Liberal Studies Requirement

33-36 cr

4.0 Electives

45-48 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

Recommended Courses

The following recommendations are made with respect to a student's vocational goal. Choices should be made in consultation with a faculty advisor.

I. Graduate Programs

A. American Government

1. Beyond Core requirements
History 6-9 credits (total)
Math 6-9 credits (total)

B. Political Theory

1. Beyond Core
Philosophy 12 credits (total)
History 12 credits (total)
2. Specific courses
PHIL 342
POSC 232, 233, 243

C. International/Comparative Politics

1. Beyond Core
History 6-12 credits (total)
2. Specific courses
Language 6 credits
Math/Behavioral 6
HIST 124, 320
POSC 251, 252, 273, 350, 313, 355, 372

II. Careers

A. Foreign Service

1. Beyond Core
 - History 6-12 credits (total)
 - Language 6-12 credits (total)
 - Economics 12 credits (total)
 - Fine Arts/Lit 6 credits (total)
2. Specific Courses
 - HIST 124, 320
 - POSC 251, 252, 273, 350, 353, 355, 372

B. Teaching—Secondary Level

1. Beyond Core
 - History 6-12 credits (total)
2. Specific Courses
 - Requirements for teacher's certificate
 - (See program director).

C. Journalism (including "J" School)

1. Beyond Core
 - History 6-12 credits (total)
2. Specific Courses
 - (See Journalism program directors)
 - POSC—comparative government courses

D. General

1. Beyond Core
 - Department requirements
2. Specific Courses
 - Business
 - Env. Studies
 - MATH 130, 131
 - Public Administration Concentration

REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE

Introductory Level Course:	
POSC 101	3 cr
Upper Level Courses:	
ONE POSC course from the following:	
POSC 110, 210, 211, 212, 312	3 cr
ONE POSC course from the following:	
POSC 205, 251, 252, 273, 350, 353, 355, 372	3 cr
ONE POSC course from the following:	
POSC 216, 232, 233, 243	3 cr
THREE Elective Courses	<u>9 cr</u>

TOTAL CREDIT REQUIREMENT FOR A MINOR IN
POLITICAL SCIENCE

21 cr

Note: Anyone wishing to obtain a minor in Political Science must have the approval of the Divisional Chairperson.

OPTIONS FOR POLITICAL SCIENCE MAJORS

Marist Abroad Program—contact Director

Paralegal Certificate Program—see page 109

Participation in Marist Institute for Public Opinion—see page 13

Participation in Washington Semester Program or Albany Legislative Internship—see Political Science Intern Coordinator

Public Administration Concentration—see page 123

Teacher Education Program—see page 78

PROGRAMS OF STUDY

SUGGESTED PRE-LAW SEQUENCE FOR POLITICAL SCIENCE MAJORS

FRESHMAN YEAR

FALL

Core/LS PHIL 101
Core/LS Writing
POSC 101 INTRO. to POSC—Major
(Soc. Sci.)
CMSC 103 or Elective
Core/LS Math or Language

SPRING

Core/LS PHIL 102
Core/LS Writing or Elective
POSC—American—Major
(Soc. Sci.)
CMSC 103 or Elective
Core/LS Math or Elective

SOPHOMORE YEAR

FALL

Core/LS Science
Core/LS Literature
POSC Pol. Thought
Core/LS History
ECON 101

SPRING

Core/LS Science
Core/LS Literature
POSC International
Core/LS History
ECON 102

JUNIOR YEAR

FALL

Core/LS PHIL/REST or Elective
POSC Comparative
POSC
Elective (Bus. or Acct.)
Core/LS Fine Arts or COMM 105
Public Speaking

SPRING

Core/LS PHIL/REST or Elective
POSC
POSC
Elective (Bus. or Acct.)
Core/LS Fine Arts or COMM 105
Public Speaking

SENIOR YEAR

FALL

POSC 477 Capping Course
Elective
Elective
Elective
Elective

SPRING

POSC—Major
Elective POSC Internship
Elective POSC Internship
Elective
Elective

MAJOR FIELDS		CORE/LIBERAL STUDIES		OTHER	RECOMMENDED
1. Political Science	= 30*	Phil/Ethics	= 6	CMSC	= 3
2. Required Related Fields		Math	= 6	Bus./Acct.	= 6
1 Commun	= 3	Science	= 6	Internship	= 6
2 History	= 6**	Literature	= 6	ECON 101-102	= 6
	<u>39 cr</u>	Fine Arts	= 3		<u>21 cr</u>
		Phil/Rest	= 3		
		Writing	= 3-6		
			<u>33-36</u>	PURE ELECTIVE	= 24-27
*Fulfills Soc Sci (6)					These should be selected after
**Fulfills History (6)					conferring with a Faculty Advisor

Intermediate foreign language courses, which may be substituted for the second course in some Core/Liberal Studies areas, are recommended for students in this major.

PRE-LAW ADVISORY COMMITTEE

J.G. White, Division of Humanities, Fontaine 304, Ext. 403

L.C. Zuccarello, Division of Humanities, Fontaine 307, Ext. 214

PRE-LAW SCHOOL RESOURCE CENTER: OFFICE OF COUNSELING & CAREER DEVELOPMENT

TYPICAL POLITICAL SCIENCE PROGRAM

FRESHMAN YEAR

FALL

Core/LS PHIL 101
Core/LS Writing
POSC Intro. to POSC
CMSC 103 or Elective
Core/LS Math or Language

SPRING

Core/LS PHIL 102
Core/LS Writing or Elective
POSC American or International Politics
CMSC 103 or Elective
Core/LS Math or Language

SOPHOMORE YEAR

FALL

Core/LS Science
Core/LS Literature
Core/LS History
POSC Pol. Thought (Maj.)
Elective

SPRING

Core/LS Science
Core/LS Literature
Core/LS History
POSC American or International (Maj.)
Elective

JUNIOR YEAR

FALL

Core/LS PHIL/REST or Elective
Core/LS Fine Arts or COMM 105
Public Speaking
POSC Comparative
POSC Major
Elective

SPRING

Core/LS PHIL/REST or Elective
Core/LS Fine Arts or COMM 105
Public Speaking
POSC Major
POSC Major
Elective

SENIOR YEAR

FALL

POSC 477 Capping Course
Elective or Internship POSC
Elective or Internship POSC
Elective
Elective

SPRING

POSC Major
Elective
Elective or Internship
Elective
Elective

Psychology

WILLIAM R. EIDLE, Ph.D., *Divisional Chairperson*

The psychology major at Marist provides a rich and rewarding educational experience in a strong liberal arts tradition. The major focus of the psychology curriculum stresses personal development and the development of a personal world view grounded in a deep source of personal values. The basis for this development is drawn from the literature of psychology itself and its integration with contributions from other disciplines such as philosophy, science, literature and sociology. Psychology courses stress both psychological theory as well as the application of principles. The range of application varies from experience in a psychological research course, where students actually conduct research themselves, to life-span development courses, where students can see the relevance for applying principles of development in their own lives.

As students become steeped in the psychological literature and its applications, they develop a professional orientation that prepares them for entry level jobs in the field and acceptance to graduate schools in psychology. This professional orientation is highlighted through a full-time internship that takes place in the last semester of the senior year in local human service agencies, schools or research settings. This undergraduate preparation as a psychology major is valuable not only for students who choose advanced graduate study in psychology, but also as preparation for elementary/special education teacher training programs and law school, as well as a wide array of positions generally included under the field of business management and communication.

Five-Year Combined BA-MA Program in Psychology

Besides its undergraduate major in psychology, the Psychology Department also sponsors a graduate program in Psychology with an emphasis in Counseling/Community Psychology. The Department recognizes that for some outstanding undergraduate students, certain of their undergraduate course work might well be reflective of both the content and quality of that typically expected at the graduate level. The Department further recognizes that certain outstanding undergraduate students could participate successfully in graduate classes. For these reasons the Department offers a five-year program in psychology at the termination of which the student will have achieved both a B.A. and an M.A. in psychology. The program affords a potential savings of 22 credits and one year's school living expenses.

It should be clear that the five-year program is not appropriate for all students. Some may not be interested in advanced degrees in psychology. Others might choose to do their graduate work elsewhere. Others yet may simply not qualify. The Department, however, is interested in having available to the interested and qualified student the option of a Five-Year B.A.-M.A. Program. Admission to the five-year program is granted to qualified applicants at the end of the fourth full-time academic semester. Inquiry about admission to the Five Year Program should be made through the Chairperson of the Psychology Department.

1. At the end of the 4th year the student will have accumulated 119 credits.
2. The student will receive his/her B.A. when s/he accumulates 120 credits although s/he will participate in the graduation ceremonies of his/her senior year class.
3. The student will receive graduate credit for graduate courses taken on the undergraduate level only at the time s/he has completed the full five-year program.
4. The usual combination of credits from any Marist undergraduate major and Marist's M.A. in Psychology is 165 (120 undergraduate plus 45 graduate). In contrast, the Five-Year Program for psychology majors requires 143 credits.

Teaching Certification in Special Education/Elementary N-6

Since 1973, Psychology Majors at Marist have had the opportunity to elect participation in a cooperative program through which they earn a BA degree with a major in psychology and dual provisional teaching certification in both elementary and special education. Students pursue this certification through a newly approved and registered program developed in cooperation with Vassar College. Freshman psychology majors interested in teaching certification in special education and elementary education should consult the Director of Teacher Education, Mrs. Elizabeth Nolan, Donnelly Hall, Room 249, for early advisement.

REQUIREMENTS FOR A BACHELOR OF ARTS IN PSYCHOLOGY

Note: A minimum of 90 credits in Liberal Arts required.

1.0	Course Requirement in Psychology		
	PSYC 101, 275-276, 401, 402-403, 404	25 cr	
	PSYC 477 Capping Course	<u>4 cr</u>	
			29 cr
1.1	THREE additional PSYC Courses selected from among all other psychology courses offered. **	9 cr	
1.2	PSYC 480-481 (Internship)	<u>12 cr</u>	
	CREDIT REQUIREMENT IN PSYCHOLOGY		50 cr
2.0	Course Requirements in Related Fields		
	None		
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN PSYCHOLOGY		50 cr

**A full-time Psychology major must take a Psychology course every semester.

3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	<u>3-6 cr</u>	
			9-12 cr
3.2	DISTRIBUTION*		
	Natural Science	6 cr	
	Social Science	0 cr (6 cr fulfilled by major field req.)	
	History	6 cr	
	Literature	6 cr	
	Mathematics	6 cr	
	Fine Arts	3 cr	
	Philosophy/Religious Studies	<u>3 cr</u>	
			<u>30 cr</u>
	Total Core/Liberal Studies Requirement		36-39 cr

PROGRAMS OF STUDY

4.0 Electives

31-34 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

123 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

PROGRAM OF STUDY FOR PSYCHOLOGY MAJORS

FRESHMAN YEAR

FALL

PSYC 101 Intro. Psychology	3 cr
Core/LS PHIL 101	3 cr
*Core/LS	3 cr
**Core/LS Writing	3 cr
***General Elective	3 cr
	<u>15 cr</u>

SPRING

Core/LS PHIL 102	3 cr
Core/LS	3 cr
Core/LS Writing or Elective	3 cr
****Psych Elective	3 cr
General or Psych Elective	3 cr
	<u>15 cr</u>

SOPHOMORE YEAR

FALL

PSYC 275 Stat & Comp. Use for Behavioral Sci I	3 cr
*Core/LS	3 cr
*Core/LS	3 cr
***General or Psych Elective	3 cr
***General or Psych Elective	3 cr
	<u>15 cr</u>

SPRING

PSYC 401 Princ. of Psych Testing	
OR	
PSYC 404 Physio. Psych	4 cr
*Core/LS	3 cr
*Core/LS	3 cr
***General or Psych Elective	3 cr
PSYC 276 Stat & Computer Use for Behav. Sci II	3 cr
	<u>16 cr</u>

JUNIOR YEAR

FALL

PSYC 402 Psych Research Methodology & Lab I	4 cr
*Core/LS	3 cr
*Core/LS	3 cr
***General or Psych Elective	3 cr
***General or Psych Elective	3 cr
	<u>16 cr</u>

SPRING

PSYC 403 Psych Research Methodology & Lab II	4 cr
PSYC 401 Princ. of Psych Testing	
OR	
PSYC 404 Physio. Psych	4 cr
*Core/LS	3 cr
***General or Psych Elective	3 cr
General Elective	1 cr
	<u>15 cr</u>

**SENIOR YEAR
FALL**

PSYC 405 Psych Systems & Seminar or	
PSYC 477 Capping Course	4 cr
***General or Psych Elective	3 cr
***General or Psych Elective	3 cr
***General or Psych Elective	3 cr
***General or Psych Elective	3 cr
	<hr/>
	16 cr

SPRING

*****PSYC 480-481 Internship I-II	12 cr
	<hr/>
	12 cr

*A psychology major must take 10 Core/LS Distribution courses independent from Core/LS requirements included in the major area and related area requirements.

**Assignment to College Writing I and II or Advanced Writing is based on the student's writing sample.

***General or Psych electives—All psychology majors are required to take at least three (3) psychology electives. However, most psych majors take more than three psychology electives. It is also recommended that psychology majors use their elective courses to acquire concentrations in academic areas that would complement their major. It should be noted that all full-time psychology majors must take a psychology course in each semester.

****A psychology major must take a psychology elective in the second semester of freshman year.

*****The internship is viewed as a culminating experience for the psychology major. It is a full-time work experience. Typically, students do not take other courses while doing their internship. However, special arrangements may be made to take another course in the same semester as the internship.

REQUIREMENTS FOR A MINOR IN PSYCHOLOGY

PSYC 101	3 cr
Any THREE additional PSYC courses	<u>9-12 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN PSYCHOLOG	12-15 cr

REQUIREMENTS FOR THE FIVE-YEAR B.A.-M.A. PROGRAM IN PSYCHOLOGY

1.0 Undergraduate Course Requirements in Psychology	
PSYC 101, 401, 402, 403, 404, 203 or 201	
PSYC 275, 276	28 cr
1.1 TWO PSYC Electives drawn from any of the PSYC listings in the catalog. Note that a psychology course must be taken in every full-time semester.	6 cr
1.2 PSYC 480-481 Internship I & II	12 cr
1.3 PSYC 477 Capping Course	<u>4 cr</u>
2.0 Course Requirements in Related Fields	
None	
TOTAL UNDERGRADUATE PSYCHOLOGY CREDITS	50 cr

PROGRAMS OF STUDY

3.0	Core/Liberal Studies (see requirements for B.A. in Psychology)		
	Foundation	6 cr	
	Writing	3-6 cr	
	Distribution	<u>30 cr</u>	39-42 cr
4.0	General Electives		12-15 cr
5.0	Graduate Courses taken at the Undergraduate Level 77540, 77541, 77505, 77506, 77520	<u>15 cr</u>	
	TOTAL GRADUATE PSYCHOLOGY CREDITS TAKEN AS UNDERGRADUATE		<u>15 cr</u>
	TOTAL FOUR-YEAR CREDIT REQUIREMENT		119 cr
6.0	Fifth Year Graduate Courses 77695, 77596, 77542, 77710, 77711, 77700	21 cr	
6.1	Comm. PSYC Elective or one General Elective	<u>3 cr</u>	
	TOTAL GRADUATE CREDITS, FIFTH YEAR		<u>24 cr</u>
	TOTAL CREDITS FOR COMPLETING FIVE-YEAR B.A.-M.A. PROGRAM		143 cr

REQUIREMENTS FOR PSYCHOLOGY MAJORS PURSUING SPECIAL EDUCATION CERTIFICATION

*A minimum of 90 credits in Liberal Arts required.

1.0	Course Requirements in Psychology PSYC 101, 207, 208, 231, 275, 276, 317, 362, 371, 372, 402, 404	38 cr	
	PSYC 477 Capping Course	3 cr	
1.1	ONE elective PSYC course	<u>3 cr</u>	
	CREDIT REQUIREMENT IN PSYCHOLOGY		44 cr
2.0	Course Requirements in Related Fields EDUCATION SEQUENCE (see the Education section of the catalog for specific courses).	33 cr	
	TOTAL CREDIT REQUIREMENT FOR PSYCHOLOGY MAJORS/SPECIAL EDUCATION CERTIFICATION		77 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics	6 cr	
Writing	<u>3-6 cr</u>	9-12 cr

3.2 DISTRIBUTION*

Natural Science	6 cr	
History	6 cr	
Literature	6 cr	
Mathematics	6 cr	
Fine Arts	3 cr	
Philosophy/Religious Studies	<u>3 cr</u>	
(PHIL 233 Philosophy of Education will satisfy this requirement.)		
		<u>30 cr</u>

Total Core/Liberal Studies Requirement 39-42 cr

4.0 Liberal Arts Electives 4-7 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION 123 cr

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

PROGRAM OF STUDY FOR PSYCHOLOGY MAJORS PURSUING SPECIAL EDUCATION CERTIFICATION

FRESHMAN

FALL

PSYC 101 Intro to Psych	3 cr
Core/LS PHIL 101	3 cr
Core/LS	3 cr
Core/LS	3 cr
Core/LS Writing	3 cr
	<u>15 cr</u>

SPRING

EDUC 091 Fieldwork in Educ	0 cr
PSYC 317 Psych of Child Dev	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
Core/LS	3 cr
Core/LS	<u>3 cr</u>
	15 cr

SOPHOMORE

FALL

PSYC 207 Psych of Excep Child	3 cr
PSYC 275 Stat & Comp. Use for	
Behav Sci I	3 cr
Core/LS	3 cr
Core/LS	3 cr
PSYC Elective	<u>3 cr</u>
	15 cr

SPRING

PSYC 208 Educational Psych	3 cr
PSYC 276 Stat & Comp Use for	
Behav. Sci II	3 cr
PSYC 404 Physio Psych	4 cr
Core/LS	3 cr
Core/LS or LA Elective	<u>3 cr</u>
	16 cr

PROGRAMS OF STUDY

JUNIOR

FALL

PSYC 231 Prac. in Pre-School Child Dev.	3 cr
PSYC 371 Psych Disorders of Childhood	3 cr
PSYC 372 Psych-Ed Assess of Ed Handicap	3 cr
PSYC 402 Psych Research Meth & Lab	4 cr
EDUC 364 Reading in Elem/Spec Ed	3 cr
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	16 cr

SENIOR

FALL

EDUC 462 Student Teaching	12 cr
EDUC 360 Workshop in Curric Devel	3 cr
	<hr/>
	15 cr

SPRING

EDUC 241 Math for Elem/ Spec. Ed	3 cr
PSYC 362 Measurement & Eval	3 cr
EDUC 373 Meth & Mat for Mildly Handicapped	3 cr
EDUC 374 Meth & Mast for Mod. Handicapped	3 cr
Core/LS	3 cr
Liberal Arts Elective	<hr/>
	3-4 cr
	18-19 cr

SPRING

EDUC 365 Literature for Children	3 cr
PHIL 233 Phil. of Ed	3 cr
Core/LS	3 cr
Liberal Arts Elective	3-4 cr
Liberal Arts Elective	<hr/>
	3 cr
	15-16 cr



Public Administration

RICHARD ATKINS, Ph.D., *Divisional Chairperson* (Concentration)

JOHN C. KELLY, Ph.D., *Divisional Chairperson* (MPA)

LEE M. MIRINGOFF, Ph.D., *Program Director*

Marist College currently offers both a graduate program leading to a Masters Degree in public administration and an undergraduate concentration available to students regardless of their major field of study. The undergraduate concentration is interdisciplinary, drawing from political science, business, economics, mathematics and computer science. It provides students with a professional education in management, emphasizing the quantitative and qualitative techniques of analysis necessary for a successful career in government and not-for-profit organizations.

REQUIREMENTS FOR A CONCENTRATION IN PUBLIC ADMINISTRATION

Depending upon a student's major field of study, the courses remaining to complete the concentration vary. This is because students complete some of this interdisciplinary concentration in the process of fulfilling their major field requirements. Check with the Program Director for advisement.

BUSINESS MAJORS

POSC 110 or 211	3 cr
POSC 240 or 301	3 cr
POSC 283	3 cr
ECON 421	3 cr
ACC 451	3 cr
	<hr/>
	15 cr

POLITICAL SCIENCE MAJORS

As part of major field electives:	
POSC 240	3 cr
POSC 301	3 cr
POSC 283	3 cr
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	9 cr

Concentration Requirements:

ECON 101 or 102	3 cr
CMSC 103	3 cr
MATH 130	3 cr
ECON 421	3 cr
ACC 451	3 cr
BUS 101 or BUS 301	3 cr
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	18 cr

Religious Studies

RICHARD ATKINS, Ph.D., *Divisional Chairperson*

REQUIREMENTS FOR A MINOR IN RELIGIOUS STUDIES

TWO introductory courses selected from the following:

REST 101, 102, 107, 201

FOUR other REST courses

6 cr

12 cr

TOTAL CREDIT REQUIREMENT FOR A MINOR
IN RELIGIOUS STUDIES

18 cr

The student is required to select a member of the Department of Religious Studies to serve as his or her advisor and to obtain the approval of the Divisional Chairperson for the choice. The advisor will guide the student in the selection of courses and pursuit of the plan of study.

Russian

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*

The Russian area of the Division of Arts and Letters affords the serious student of a foreign language the following special academic programs:

1. Summer or one-semester program of study in the Soviet Union;
2. Secondary school teacher certification

The major outcome of a modern language education is greater self-awareness and an increased understanding of and ability to communicate with people of different cultural backgrounds. In addition, career opportunities in many key areas of domestic and international services are enhanced for the person proficient in a modern language.

Students may apply two language courses at the intermediate level or above as well as a civilization course and a literature course toward fulfilling the distributive Core/LS requirements.

Basic Requirements:

1. A total of 36-39 credits in upper level Russian language and English-taught courses dealing with the Russian area.
2. Study of language, literature and Russian offerings at a university in Russia, or other European country as participant in the Marist Abroad Programs or the New Paltz Summer Programs in the Soviet Union.
3. Proficiency in Russian language.

Prerequisites: RUSS 102, 220, 301, 302 or RUSS 105 or RUSS 106 or three to four years of high school Russian.

REQUIREMENTS FOR A BACHELOR OF ARTS IN RUSSIAN

Note: A minimum of 90 credits in Liberal Arts required.

- | | | |
|-----|---|-------------|
| 1.0 | Course Requirements in Russian | |
| | RUSS 201-202 | 6 cr |
| | TWO RUSS courses selected from the following: | |
| | RUSS 220, 221, 320, 321 | 6 cr |
| | RUSS 477 Capping Course | <u>3 cr</u> |

CREDIT REQUIREMENT IN RUSSIAN	15 cr
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|-----|--|--------------|
| 2.0 | Course Requirements in Related Fields | |
| | Modern Language Association Proficiency Test | |
| | ONE HIST Course selected from the following | |
| | HIST 260-261, 262-263 | 3 cr |
| | Marist Abroad Program | |
| | In order to qualify, the candidates must have taken | |
| | RUSS 101-102. RUSS 201-202 is recommended. | |
| | During the full year's study at a European University, | |
| | the student will probably take a total of 30 credits, | |
| | of which 15 will apply to the Russian Major. | <u>15 cr</u> |

CREDIT REQUIREMENT IN RELATED FIELDS	18 cr
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|-----|---|---------------|
| 2.1 | Recommended courses at Vassar College and S.U.N.Y. at New Paltz | |
| | A student may cross-register for the following courses: | |
| | VASSAR: | |
| | RUSS 316-317, 340, 360, 370-371 | |
| | NEWPALTZ: | |
| | RUSS 366, 465, 466, 476 | |
| | Courses other than language which are related to the major | <u>3-6 cr</u> |

TOTAL CREDIT REQUIREMENT FOR A MAJOR IN RUSSIAN	36-39 cr
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|-----|-----------------------------------|--|
| 3.0 | Core/Liberal Studies Requirements | |
|-----|-----------------------------------|--|

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|-----|-------------------|---------------|
| 3.1 | FOUNDATION | |
| | Philosophy/Ethics | 6 cr |
| | Writing | <u>3-6 cr</u> |
| | | 9-12 cr |

PROGRAMS OF STUDY

3.2	DISTRIBUTION*	
	Natural Science	3-6 cr
	Social Sciences	6 cr
	History	0 cr (fulfilled by related field req.)
	Literature	0 cr (fulfilled by related field req.)
	Mathematics	3-6 cr
	Fine Arts	3 cr
	Philosophy/Religious Studies	<u>3 cr</u>
		<u>18-24 cr</u>
	Total Core/Liberal Studies Requirements	27-36 cr
4.0	Electives	<u>45-57 cr</u>
	TOTAL CREDIT REQUIREMENT FOR GRADUATION	120 cr

REQUIREMENTS FOR A MINOR IN RUSSIAN AREA STUDIES

Russian Language: RUSS 106, 201, 202	9 cr
Russian Civilization: RUSS 223	3 cr
Russian Literature: RUSS 220, 221	6 cr

TWELVE credits of this minor can also simultaneously fulfill the distribution requirements of Core/LS

TOTAL CREDIT REQUIREMENT FOR A MINOR IN RUSSIAN AREA STUDIES	18 cr
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Sociology and Social Work

WILLIAM R. EIDLE, Ph.D., *Divisional Chairperson*

MARGARET GOLD, C.S.W., *Program Director*

Students are prepared for professional entry to Social Work practice at the baccalaureate level. The major leads toward a Bachelor of Science degree in Social Work. Preparation for this goal occurs in a number of ways. First, a broadly-based liberal arts core is vitally important to any helping professional. Second, courses in sociology and in other behavioral and social sciences provide students with a foundation in understanding human behavior in the social environment. Third, Social Work courses combine theory and application to prepare students for professional practice, which culminates in Field Work (SOCW 482-483) as an in-depth, off-campus practicum with a social agency in the senior year. Advisement plays a critical role throughout the program, principally in readying students for thresholds within the major and in evaluating their performance as potential social workers. The Social Work program is accredited by the Commission on Accreditation of the Council on Social Work Education.

Minors are available in Social Work and Sociology. The Social Work minor consists of 15 credits and the Sociology minor requires 18 credits. Students should contact the Social Work Program Director to select the appropriate sequence of required and elective courses.

REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN SOCIAL WORK

Note: A minimum of 60 credits in Liberal Arts required.

1.0 Courses Required in Sociology and Social Work

ALL of the following courses in Sociology:

SOC 101, 235, 341, 440, 480 15 cr

ALL of the following courses in Social Work:

SOCW 230, 330, 344, 345, 380, 381, 395, 476
482, 483 33 cr

SOCW 477 Capping Course 3 cr

36 cr

CREDIT REQUIREMENT IN SOCIOLOGY
AND SOCIAL WORK

51 cr

2.0 Course Requirements in Related Fields

PSYC 101 Introduction to Psychology or 3 cr

ECON 101 Principles of Economics I 3 cr

POSC 101 Introduction to Political Science or

POSC 110 American National Government 3 cr

SCI 160 Science, Technology & Human Affairs or

BIO 101 Selected Topics in Biology 3 cr

CREDIT REQUIREMENT IN RELATED FIELDS

12 cr

TOTAL CREDIT REQUIREMENT FOR A MAJOR
IN SOCIAL WORK

63 cr

PROGRAMS OF STUDY

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics

6 cr

Writing

3-6 cr

9-12 cr

3.2 DISTRIBUTION*

Natural Science

3 cr (3 fulfilled by requirements for major)

Social Science

0 cr (6 fulfilled by requirements for major)

History

6 cr

Literature

6 cr

Mathematics

6 cr

Fine Arts

3 cr

Philosophy/Religious Studies

3 cr

27 cr

Total Core/Liberal Studies Requirement

36-39 cr

Intermediate courses may be used as substitutes for second course in certain areas. See Core/Liberal Studies description in catalog.

4.0 Electives

18-21 cr

TOTAL CREDIT REQUIREMENT FOR GRADUATION

120 cr

5.0 The student must obtain a grade of C or better in all courses required for the major in social work.

*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.

PROGRAM OF STUDY

SOCIAL WORK

FRESHMAN YEAR**FALL**

SOC 101 Intro. to Sociology	3 cr
Core/LS PHIL 101	
Core/LS Writing	3 cr
SCI 160 Sci/Tech/Human Affairs OR	
Bio 101 Selected Topics in Biology	3 cr
General Elective	3 cr
	<hr/> 15 cr

SPRING

Core/LS Writing	3 cr
Core/LS PHIL 102	3 cr
PSYC 101 Intro to Psych	3 cr
Core/LS Literature	3 cr
General Elective	3 cr
	<hr/> 15 cr

SOPHOMORE YEAR**FALL**

SOCW 230 Intro. to Social Work	3 cr
ECON 101 Principles of Econ	3 cr
POSC 101 Intro to Pol. Sci. OR	
POSC 110 American Nat'l. Gov't.	3 cr
Core/LS Math	3 cr
Core/LS Hist	3 cr
	<hr/> 15 cr

SPRING

Core/LS Nat. Sci.	3 cr
Core/LS Math	3 cr
Core/LS Literature	3 cr
Core/LS Phil & Rel	3 cr
General Elective	3 cr
	<hr/> 15 cr

JUNIOR YEAR**FALL**

SOCW 330 Soc Serv Theory/Pract	3 cr
SOCW 345 Hum Beh Soc Environ.	3 cr
Core/LS Hist	3 cr
Core/LS Fine Arts	3 cr
SOC 235 Sociology of Minorities	3 cr
	<hr/> 15 cr

SPRING

SOC 341 Social Change	3 cr
SOCW 344 Soc Wel Pol & Analysis	3 cr
SOCW 380 Methods I	4 cr
SOCW 395 SW with Minorities	3 cr
General Elective	3 cr
	<hr/> 16 cr

SENIOR YEAR**FALL**

SOC 480 Social Research Meth.	3 cr
SOCW 381 SW Methods II	3 cr
SOCW 482 Pract in SW I	4 cr
SOCW 476 Sr. Integrative Seminar I	3 cr
	<hr/> 13 cr

SPRING

SOC 440 Social Theory	3 cr
SOCW 477 Capping Course/Senior	
Integrative Seminar II	3 cr
SOCW 483 Pract. in SW II	4 cr
General Elective	3 cr
General Elective	3 cr
	<hr/> 16 cr

PROGRAMS OF STUDY

REQUIREMENTS FOR A MINOR IN SOCIOLOGY

Introductory Level Course SOC 101	3 cr	
TWO of the following: SOC 341, 440 or 480	6 cr	
THREE elective courses in Sociology, TWO of which must be at the 300 or 400 level	<u>9 cr</u>	
TOTAL CREDIT REQUIREMENT FOR A MINOR IN SOCIOLOGY		18 cr

REQUIREMENTS FOR A MINOR IN SOCIAL WORK

SOC 101, SOCW 230 and SOCW 330	9 cr	
TWO elective courses in Social Work	<u>6 cr</u>	
TOTAL CREDIT REQUIREMENT FOR A MINOR IN SOCIAL WORK		15 cr

Spanish

ROBERT P. SADOWSKI, Ph.D., *Divisional Chairperson*

The Spanish area of the division affords the serious student of a foreign language the following special academic programs:

1. The Marist Abroad Program, featuring individual placement during the sophomore or junior year in Madrid
2. Bilingual Education concentration
3. Secondary school teacher certification
4. Latin American Studies program

The major outcome of a modern language education is greater self-awareness and an increased understanding of and ability to communicate with people of different cultural backgrounds. In addition, career opportunities in many key areas of domestic and international services are enhanced for the person proficient in a modern language.

Students may apply two language courses at the intermediate level or above as well as a civilization course and a literature course toward fulfilling the distributive Core/LS requirements.

REQUIREMENTS FOR A BACHELOR OF ARTS IN SPANISH

Note: A minimum of 90 credits in Liberal Arts required.

1.0	Course Requirements in Spanish	
	SPAN 250, 260, 431	9 cr
	SPAN 421, 422	6 cr
	SPAN 420, 423, 424 (any two)	6 cr
	Additional upper level Spanish Literature or Language courses	15 cr
	SPAN 477 Capping Course*	_____

*May replace either SPAN 422 or 431

Note: Internships carry elective credits and will not fulfill the above requirements.

	CREDIT REQUIREMENT IN SPANISH		<u>36 cr</u>
2.0	Requirements in Related Fields		
	TWO Senior Research Papers done in upper level courses		
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN SPANISH		36 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	<u>3-6 cr</u>	9-12 cr
3.2	DISTRIBUTION*		
	Natural Science	3-6 cr	
	Social Science	6 cr	
	History	3 cr (3 cr fulfilled by Civilization)	
	Literature	0 cr (fulfilled by major field req.)	
	Mathematics	3-6 cr	
	Fine Arts	3 cr	
	Philosophy/Religious Studies	<u>3 cr</u>	<u>21-27 cr</u>
	Total Core/Liberal Studies Requirement		30-39 cr
4.0	Electives		<u>45-54 cr</u>
	TOTAL CREDIT REQUIREMENT FOR GRADUATION		120 cr

PROGRAMS OF STUDY

REQUIREMENTS FOR A MINOR IN SPANISH LANGUAGE STUDIES

Spanish Language: 9 credits above the intermediate level	9 cr
Civilization: Spain and Latin America (To be taken on campus)	6 cr
Literature: One course selected with advisement (To be taken on campus)	3 cr

TWELVE credits of the minor can also simultaneously fulfill the distribution requirements of Core/LS.

TOTAL CREDIT REQUIREMENT FOR A MINOR IN SPANISH LANGUAGE STUDIES	18 cr
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REQUIREMENTS IN BILINGUAL EDUCATION CONCENTRATION

1.0	EDUC 140	3 cr
2.0	SPAN 153 or 154	3 cr
3.0	Optional: EDUC 441	<u>3 cr</u>

6-9 cr



Description of Courses

ACCOUNTING 02

ACC 201 Principles of Accounting I

Three Credits

Development of basic accounting concepts focusing on the theory and principles of financial accounting. Emphasis is on the classifying, recording and reporting on business transactions for sole proprietorships. This course is limited to accounting majors. Offered every Fall.

ACC 202 Principles of Accounting II

Three Credits

Deals with the classifying, recording and reporting of business transactions for partnerships and corporations and the analysis of the financial statements. Also, the concepts of planning and control are introduced through limited exposure to budgets, standards and responsibility accounting. This course is limited to accounting majors. Offered every Spring.

Prerequisite: ACC 201

ACC 203 Financial Accounting

Three Credits

Development of basic accounting concepts. Emphasis is on the classifying, recording and reporting of business transactions for all forms of business organizations. This course is limited to nonaccounting majors. Offered every Fall.

ACC 204 Managerial Accounting

Three Credits

Emphasis is on the generating, analyzing and using accounting information in the planning and control processes. Topics include budgets, standards, cost systems, incremental analysis, and financial statement analysis. This course is limited to nonaccounting majors. Offered every Spring.

Prerequisite: ACC 203

ACC 301 Intermediate Accounting I

Three Credits

This course is the first course in a two course sequence that is intended to provide a comprehensive understanding of the concepts, principles, assumptions, and conventions that are used for classifying, recording, and reporting economic transactions for a business entity. Offered every Fall.

Prerequisite: ACC 202 or 204

ACC 302 Intermediate Accounting II

Three Credits

This course is the second course in a two course sequence that is intended to provide a comprehensive understanding of the concepts, principles, assumptions, and conventions that are used for classifying, recording, and reporting economic transactions for a business entity. Offered every Spring.

Prerequisite: ACC 301

ACC 303 Accounting Theory and Practice

Three Credits

This course is intended to provide an understanding of items that present some difficult measurement and reporting problems for the accountant. It will also discuss current issues that the accounting profession is attempting to establish guidelines for their measurement and reporting. Offered every Fall.

Prerequisite: ACC 302

ACC 310 Cost Accounting I

Three Credits

An intensive study of the structure of various cost accounting systems. Techniques of income determination for manufacturing enterprises are explored. Attention is given to how standards can be applied in accounting to provide useful information for planning and controlling the cost of direct labor, materials and manufacturing overhead costs. Offered every Fall.

Prerequisite: ACC 202 or 204

DESCRIPTION OF COURSES

ACC 311 Cost Accounting II

Three Credits

Includes an in-depth study of manufacturing accounting (covered in Cost Accounting I) to enable students to reach the level of understanding and proficiency required to pass cost problems on CPA exams. The majority of problems assigned are from prior CPA exams. Management accounting, cash budgeting, profit planning, cash planning, accounting systems, relevant costs and decentralization are included. Offered every Spring.

Prerequisite: ACC 310

ACC 350 Accounting Systems

Three Credits

A comprehensive presentation of the fundamentals of data origination, classification, control and reporting. Various accounting systems will be analyzed including data processing applications. Offered every other year.

Prerequisite: ACC 202 or 204

ACC 401 Advanced Accounting

Three Credits

A study of detail of the accounting problems of partnerships, consignments, installment sales, insurance, receiverships, estates, trusts, business combinations, consolidations and other specialized areas. Offered every Fall.

Prerequisite: ACC 302, 303

ACC 402 Auditing

Three Credits

Standards and procedures currently used by independent public accountants in examining financial statements and their application in report preparation. The ethical and legal responsibilities of the accountant are reviewed. Offered every Spring.

Prerequisite: ACC 401, MATH 130

ACC 403 Income Taxation I

Three Credits

A study of the federal and New York State income taxation of individuals. Topics include exemptions, deductions, credits, gains and losses, and other property transactions.

Prerequisite: ACC 202 or 204

ACC 404 Income Taxation II

Three Credits

A continuation of Income Taxation I. Emphasis is placed on the federal and New York State taxation of corporations, partnerships, estates, and trusts.

Prerequisite: ACC 403

ACC 450 Current Issues in Public

Accounting

Three Credits

A study of public accounting trends and problems by analysis of pronouncements of professional organizations, contemporary accounting theory and views of practicing accounts. Offered every Spring.

Prerequisite: ACC 401, 402, 403 and permission of instructor

ACC 451 Government and Fiscal Control

Three Credits

A study of financial and accounting techniques used to control government spending and channel funds into more productive areas. Zero-based budgeting is covered in detail. Cost-benefit approach on both monetary and non-monetary government programs are covered via case studies. Program planning budgeting systems are also covered. Restricted to Public Administration Concentrators. Accounting majors need permission of instructor. Offered every other year.

ACC 477 Capping Course

A capping course required for all Senior Accounting majors. To be developed and offered 1988-89.

ADVERTISING 04

ADV 101 Introduction to Advertising

Three Credits

The function of advertising and its communications role in contemporary business. Emphasis is placed on the interlock between strategic planning and practical tactics used by national advertisers and their agencies. Current materials from industry are used as examples and bases for training exercises.

ADV202 Retail Advertising and Promotion*Three Credits*

Organizing, planning and executing advertising for the special needs of retail, local, and small-business advertisers. Three levels are examined: identity/"image", item-price promotion, and the use of special "events" to reach new audiences and build traffic. Preparation of prototype advertising plans for real firms.

ADV301 Advertising Copywriting*Three Credits*

Developing advertising copywriting skills for newspaper and magazine promotion of national brands. Emphasis is placed on preparatory steps required, including marketing information, interface between agency, client, and media, development of themes and concepts.

ADV302 Developing the Broadcast**Commercial***Three Credits*

Preparation of storyboards and scripts for radio and television commercials. Research data for assignments provided by national TV and radio industry associations, private firms. Audio and visual concept development techniques are emphasized.

ADV303 Direct Response Advertising*Three Credits*

Planning strategy and tactics for direct-response advertising campaigns, to promote and achieve sales of consumer and industrial products. Planning and execution of campaigns for real products by students, in entrepreneurial frame. Emphasis on direct mail, with review of other direct access media: print, broadcast, interactive.

AMERICAN STUDIES 03**AMST477 Capping Course**

A capping course required for all Senior American Studies majors. To be developed and offered 1988-89.

ANTHROPOLOGY 05**ANTH101 Introduction to Anthropology I***Three Credits LA*

Physical anthropology. An investigation of man's ancestors and his continual physical evolution to modern man. Emphasis is also placed on the evolution of cultures at all levels of man's chronology, with stress on the Paleolithic, Neolithic and the early Near East. Offered every Fall.

ANTH102 Introduction to Anthropology II*Three Credits LA*

Ethnology. An introduction to the nature, uniformity and diversity of cultures through an exploration of primitive and modern peoples. Topics include: the family, economics, political systems, religion, social stratification and art and crafts. Offered when there is sufficient student interest.

ANTH120 An Introduction to Archaeology*Three Credits LA*

A study of how archaeological work is performed (dating techniques; mapping; cross-identification; etc.) Application of these techniques will be viewed in the study of major archaeological sites of historic significance. Offered alternate years.

ANTH230 American Culture I*Three Credits LA*

The study of geographic, ethnographic, historic and other factors pertinent to the development of Latin and Anglo-American cultures. Consideration will be given to minority and diverse groups; to factors promoting urban and rural communities; and to a study of the historical and geographical development of selected cities. Statistics will be frequently provided in order to substantiate lectures and to encourage discussion. Offered when there is sufficient student interest.

DESCRIPTION OF COURSES

ANTH 231 American Culture II

Three Credits LA

An intense analysis of the population of the United States as to national origin, race, economic and social stratification, religious and political preferences and ethnic contributions to the American scene. Consideration also will be given to a study of factors producing the megalopolis, the city and smaller communities. Offered when there is sufficient student interest.

ANTH 232 Religion and Culture

Three Credits LA

Dual listed as REST 437

A dimension of cultural anthropology, with focus on religion as a cultural universal. The study of cultural differences and determinants suggests new understandings of religious differences and functions in the human family. Offered annually.

ANTH 233 The American Indian

Three Credits LA

A study of pre-Columbian Indian civilizations, with emphasis on the Inca, the Maya and the Aztecs. Post-Columbian Indian groups will be studied cross-culturally, with emphasis on the family: social, political and economic structure of the group; religions; and the arts. Consideration will also be given to the Indian contribution to American modern society. Offered alternate years.

BIOLOGY 12

BIO 101 Selected Topics in Biology

Three Credits LA

A course designed for the non-science major only. Approximately ten topics relevant to central biological principles and the application in today's society are discussed. Offered every semester.

Three-hour lecture.

BIO 110 General Biology I

Three Credits LA

An introduction to the major generalizations in biology, the chemical and cellular basis of life, and the biology of organisms. Offered every Fall.

Three-hour lecture.

BIO 111 General Biology II

Three Credits LA

An introduction to principles and concepts of the following biological sciences: genetics, development, evolution, animal behavior and ecology. Offered every Spring.

Three-hour lecture.

BIO 112-113 General Biology

Laboratory I-II

One Credit each LA

Exercises in biological techniques at the molecular, cellular and organismal level. Offered every year.

Two-hour laboratory per week. Two semesters.

BIO 210 Cellular Biology

Three Credits LA

A study of the cell as a functional unit through an analysis of the morphology and function of its organelles. Division of labor in the cell is the central theme. Special topics are also discussed concerning cell function. Offered every Spring.

Three-hour lecture. One semester.

Prerequisite: BIO 110-111; CHEM 111-112. CHEM 121 or 211 recommended.

BIO 211 Botany

Four Credits LA

An introduction to basic interrelationships of plant structure, function, growth and reproduction. Offered every Fall.

Three-hour lecture, two-hour laboratory per week.

Prerequisite: BIO 110-111, 112-113 or permission of instructor.

BIO 214 Life on Earth*Three Credits LA*

This course is designed for the non-science major and is based on the 13 part television series, *Life on Earth*, written and presented by David Attenborough. The series discusses how life on earth may have started and how evolution has progressed. The student will learn about biology by studying evolution, adaptation, and ecology, and will become familiar with the vast variety of life forms that populate our planet. Topics include: how life began, Darwin and natural selection, plant biology, the development of animal life, amphibians, reptiles, birds, and mammals. One class period per week will be devoted to discussing the programs and elaborating the scientific theories they contain.

BIO 216 Human Anatomy & Physiology I*Four Credits LA*

A study of the basic principles of human anatomy and physiology. Emphasis will be placed on the relationships between structure and function of each organ system. The lectures will include discussion of normal and abnormal conditions and the laboratory exercises will focus on anatomy dissection using the cat and human model with physiology exercises to demonstrate functions. The lab exercises are designed to give students hands-on experiences as to concepts presented in the lectures. Topic areas covered in this course include cell biology, tissues and organs, the microscopic and gross anatomy and physiology of the integumentary, skeletal, muscular and nervous systems. Offered every Fall.

Three-hour lecture, three-hour laboratory per week.

Prerequisite: CHEM 106, 107 or CHEM 111, 112

BIO 217 Human Anatomy & Physiology II*Four Credits LA*

A continuation of Human Anatomy & Physiology I, with the study of the anatomy and physiology of the cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive and endocrine systems. The laboratory will have individual exercises using the cat for anatomy and specific physiology exercises for each system, as to functions. Microscopic studies will be included in the lab.

Three-hour lecture, three-hour laboratory per week.

Prerequisite: CHEM 106, 107 or CHEM 111, 112

BIO 220 Histology and Histological Techniques*Four Credits LA*

A study of animal tissue organization and types. Tissue microanatomy and recognition are covered in lecture and through student microscopic study. The techniques of histological procedures are taught in the preparation of permanent slides. Offered biennially in the Fall semester.

Two-hour lecture, four-hour laboratory per week.

Prerequisite: BIO 110-111, 112-113; CHEM 111-112, 113-114

BIO 232 Sex, Evolution and Behavior*Three Credits LA*

This course is designed for the non-science major and will investigate the biological basis of behavior. The course will concentrate on the social behavior of animals and the possible evolution of behavior in man. Topics will include: sociobiology, population control, co-operation and altruism, mating strategies, parental care, territoriality, and aggression.

BIO 237 Human Biology*Three Credits LA*

This is a course in human physiology designed for the non-science major. Students will study how the body works and what causes disease. The class will also examine how current medical research approaches the problem of how to treat or cure a specific illness. Topics will include: the nervous system and brain, the respiratory system, the cardiovascular system, exercise physiology, the digestive system, and the reproductive system.

DESCRIPTION OF COURSES

BIO 305 Animal Behavior

Three Credits LA

A study of animal behavior from an ethological perspective. Topics covered include a history of the study of behavior, fixed action patterns, learning theory, physiological basis of behavior, development of behavior, genetics and evolution of behavior, animal communication, social behavior and animal orientation and migration. Offered biennially in the Spring semester.

Three-hour lecture. One semester.

Prerequisite: BIO 111

BIO 312 Microbiology

Four Credits LA

Students study the anatomy, taxonomy, genetics and metabolism of microorganisms using the disease-causing bacteria groups as a focus. Further emphasis is given to the fungi, protozoa and helminths that cause infection to plants and animals.

The pathways of air, food and soilborne bacterial diseases are studied as well as the physical and chemical control of microorganisms.

In the laboratory portion of this course, students, using a variety of bacteria as the vehicle, perfect their microbiological techniques: setting up biooxidative tests, performing standard staining, plating and culturing procedures while observing proper methods for the collection and handling of specimens for the laboratory.

Lecture 160 minutes/week; Laboratory—110 minutes/week

Prerequisite: Basic 100 level courses in biology and chemistry

BIO 315 Immunology

Three Credits LA

A study of the basic principles of the immune response. The cellular and humoral systems will be analyzed. Topic areas to be covered will include: the biology and chemistry of the immune response, complement fixation, immunodiagnoses, immunoassay, immunopathology, autoimmunity, transplant and cancer immunology. Offered every Fall.

Three-hour lecture, one semester

Prerequisite: BIO 110-111, 112-113

BIO 320 Genetics

Four Credits LA

A study of principles and theories of inheritance. Classical as well as recent studies are covered. Offered biennially—Fall semester.

Three-hour lecture, two-hour laboratory per week. One semester.

Prerequisite: BIO 110-111

BIO 321 Evolution

Three Credits LA

Topics covered in this course include the evolution of evolutionary thought, major features of the process of evolution, critical periods in the evolution of life and a review of the race concept. Offered when there is sufficient student interest.

Three-hour lecture.

Prerequisite: BIO 111

BIO 330 Ecology

Three Credits LA

A study of the interrelations between organisms and their environments with emphasis on field techniques. Offered every Spring.

Three-hour lecture.

Prerequisite: BIO 110-111

BIO 340 Comparative Anatomy

Four Credits LA

A comparative study of the organ systems of protochordates and vertebrates. Laboratory includes the dissection of the shark, necturus and cat. Offered biennially—Fall semester.

Three-hour lecture, three-hour laboratory per week.

Prerequisite: BIO 110-112, 112-113

BIO 390-391-392 Special Topics in Biology I-II-III*One-Two-Three Credits LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of Divisional Chairperson

Bio 420 Invertebrate Zoology*Four Credits LA*

An introduction to representative types of invertebrate animals through laboratory dissections, observations and experiments with occasional field trips. Lectures emphasize morphology and progressive specialization in morphological development. Offered Spring 1986.

Two-hour lecture, four-hour laboratory per week.

Prerequisite: BIO 110-111, 112-113

BIO 421 Parasitology*Four Credits LA*

A study of the biology of parasites of man and other vertebrates. Discussion will include types of parasites, life cycles, pathology caused by parasitism, cure and treatment and the social and economic impact of parasitism. Laboratory work will study the parasite from slide preparations. Offered every Spring.

Prerequisite: BIO 110-111, 112-113

BIO 430 Embryology*Four Credits LA*

A study of the principles of growth and development in vertebrates. Emphasis in laboratory is placed on amphibian and chick development. Offered biennially.

Three-hour lecture, three-hour laboratory per week. One semester.

Prerequisite: BIO 110-111, 112-113

BIO 440 Vertebrate Physiology*Four Credits LA*

Basic principles of general physiology, including discussions of physical and chemical phenomena, and the physiology of skeleton and muscle, nerve receptors, circulation, respiration, digestion and excretion, endocrines and reproduction are presented. Organ and system functions are interrelated in order to bring out the coordinated activities within the body. Emphasis is on the human organism. Offered biennially in the Spring.

Three-hour lecture, three-hour laboratory per week. One semester.

Prerequisite: BIO 110-111, CHEM 111-112, 121 or 211

BIO 477 Science, Medicine and Ethics*Three Credits LA*

Dual listed as ENSC 477

The course addresses the moral implications of some of the recent advances in science and medicine. Major ethical approaches to making responsible decisions are explained by the case study method. Offered every Spring.

Prerequisite: Recommended for seniors or permission of instructor.

BUSINESS 15**BUS 101 Managerial & Organizational Behavior***Three Credits*

A study of managing for organizational effectiveness. Interpersonal and intergroup behavior, small group behavior and the behavior of large organizations are all examined as they are affected by interpersonal and group dynamics, motivation, role prescriptions, power and politics, leadership styles and behavior; and by processes such as: management, communications, problem-solving and decision-making, conflict management, the management of change and by efforts to integrate individual and organizational goals. Offered every Fall.

DESCRIPTION OF COURSES

BUS 102 Business & Society

Three Credits

A study of the interrelationships of business and society, stressing changes in society and the changing role of business in society. An overview is given of the social, technological, political and economic environments in which business has operated, does now operate, and in which it may operate in the future. Issues of fairness, values, corporate power, integrity and personal conscience are raised throughout. Special issues are examined, such as: pollution, consumerism, minority groups, the employee in the organization, business and the community-at-large and business in the international world. Government and business relations and public policy are studied. Offered every Spring.

BUS 301 Personnel Administration

Three Credits

The organization function most directly concerned with human resources is the subject of this course. Activities examined include the establishment of the personnel program; manpower planning; employee recruiting, selection and training; performance appraisal; wage and salary administration; and labor relations. Pertinent state and Federal laws pertaining to fair employment practice, occupational safety and health, protection of pension plans, and the like, are included. Offered every semester.

Prerequisite: BUS 101

BUS 320 Financial Management

Three Credits

A study of the basic understanding of the financial management functions of contemporary business enterprise. Topics include financial principles and techniques essential for analyzing, planning and controlling profitability and liquidity of assets, planning optimum capital structure and cost of capital, capital budgeting techniques, and utilizing financial instruments and institutions for raising capital. Offered every semester.

Prerequisite: ACC 202, MATH 115

BUS 340 Marketing Management

Three Credits

The student will identify and describe characteristics of sound marketing policies and practices. Functional areas of marketing management studied include sales, advertising, pricing, physical distribution and marketing research. The student will analyze and evaluate selected aspects of marketing problems and practices to demonstrate problem-solving abilities. The student will demonstrate understanding of the processes and practices of marketing and their relationships with other functions of the firm. Offered every semester.

Prerequisite: ECON 102

BUS 380 Business Law I

Three Credits

Dual listed as PRLG 380

Designed to cover fundamental legal principles applicable to common business transactions; the nature and function of law; court procedure; the law principles pertaining to contracts, agency and property. Offered every Fall.

BUS 381 Business Law II

Three Credits

Dual listed as PRLG 381

A continuation of Business Law I. Emphasis is on the uniform commercial code and creditor's rights. Additional topics include suretyship insurance, wills and trusts. Offered every Spring.

Prerequisite: BUS 380

BUS 388 Production Management

Three Credits

Generalized to include topics of concern to all operating management, this course includes analysis of costs for decision-making, study of investment criteria, design of products and production systems, location and layout of physical facilities, the design of jobs and work measurement systems, production-inventory control systems, network planning methods and statistical quality control techniques. Offered every semester.

Prerequisite: MATH 115, 130, 230 and ACC 203, 204 or 201, 202

Recommended: ECON 101, 102

BUS 401 Compensation Administration*Three Credits*

A study of factors important in the determination of wage rates, the firm's wage structure, incentive methods of wage payment and various fringe benefits are studied. Wage theories are analyzed with consideration given to wage legislation and management wage policies. Offered every Fall.

Prerequisite: BUS 301

BUS 402 Labor Relations*Three Credits LA*

Dual listed as ECON 402

A study of labor-force and labor-market developments and their influence on management policy and practices. Subjects include the growth and nature of union organization, the economics of the collective bargaining process and selected collective bargaining issues. Offered every year.

Recommended: BUS 301

Prerequisite: ECON 101, 102

BUS 410 Human Resource Management: Employment, Development, and Health*Three Credits*

This concentration course focuses in detail on a number of key elements in Human Resource Management including employment, placement, personnel planning, organizational and individual training and development, health, safety and security, and personnel research.

Prerequisite: BUS 301

BUS 420 Investment Analysis*Three Credits*

A study of the investigation of securities as long-term investment media, from the standpoints of both the institutional and individual investor. Emphasizes theory and principles of security analysis and portfolio management. Investigates various techniques for security valuation including analysis of the national economy, industry and company. Considers mechanics, markets, institutions and instruments important to the investor. Offered every year.

Prerequisite: BUS 320

BUS 421 Problems in Financial Management*Three Credits*

A case study approach to develop financial decision-making. An application of financial theory and tools of analysis to management problems for obtaining optimum financial decisions.

This course is designed to integrate knowledge about finance with other knowledge gained through the management curriculum. Therefore, it should ordinarily be taken only upon completion of all courses in the concentration and most courses in the major. Offered every year.

Prerequisite: BUS 320

BUS 440 Marketing Communications*Three Credits*

The course emphasizes the promotional aspects of marketing, including both personal and mass communications. Communications theory is considered in the context of relevant consumer behavior research findings. The roles of selling and advertising in demand creation are examined. Persuasive communications concepts are applied to marketing situations. Offered every Fall.

Prerequisite: BUS 340

BUS 441 Marketing Research*Three Credits*

This course is concerned with the issue of research and the application of science for the analysis and solution of marketing problems. The student will study the planning, execution and evaluation of marketing studies. The student should develop ability for conducting research studies for the purpose of business decision-making, and increase skills for how to use and evaluate information derived from business research. Offered every year.

Prerequisite: BUS 340 and MATH 130.

DESCRIPTION OF COURSES

BUS 450 Marketing Policies & Problems

Three Credits

Capstone course stressing the integration of the marketing program with other activities of the organization and the integration of marketing activities. The objective is to strengthen the student's ability to analyze complex business and marketing situations and select optimum alternatives through the application of current management and marketing theory.

This course should ordinarily be taken only upon completion of all courses in the concentration and most courses in the major. Offered every Spring.

Prerequisite: BUS 140, 440, 441

BUS 477 Management Strategy and Policy

Three Credits

Restricted to seniors. An integrative course drawing on all the functional areas of management, related field requirements, and core studies. The course examines the theory of strategic planning and application in organizations operating in various external environments.

Prerequisite: BUS 301, 320, 340, 388

CHEMISTRY 19

CHEM 101 Introduction to Chemistry

Three Credits LA

A preparatory course to General Chemistry I-II for students whose high school preparation for this course is insufficient. Emphasis will be on basic concepts, development of skills and problem-solving. Offered every Spring.

Three-hour lecture per week.

CHEM 106 Chemistry for the Health Sciences

Three Credits LA

An introduction to the fundamental concepts of chemistry: scientific measurements; atomic and molecular structure; compounds, their composition and properties, the nature of bonding and the geometry of molecules and ions; chemical reactions and qualitative relationships; kinetic theory of matter; the behavior of gases; the properties of solutions and colloids; the nature of chemical equilibrium, acid-base theory, radioactivity and nuclear chemistry. Orientation toward students interested in the health sciences. Offered every Fall.

Three-hour lecture per week.

CHEM 107 Organic and Biochemistry for the Health Sciences

Three Credits LA

A survey of organic molecular structure and the important functional groups and their chemical reactivity. Introduction to carbohydrates, amino acids, peptides, proteins, nucleic acids. Basic principles of digestion, biochemical energetics and the metabolism of carbohydrates, fatty acids and amino acids. Orientation toward majors in the health sciences. Offered every Spring.

Three-hour lecture per week.

CHEM 108-109 Health Science Laboratories I & II

One Credit each LA

Experiments designed to teach experimental techniques, illustrate basic chemical principles, and reinforce the material covered in Chemistry for the Health Sciences and Organic and Biochemistry for the Health Sciences. Offered every year.

Three-hour lab per week.

CHEM 111 General Chemistry I

Three Credits LA

An introduction to mass/energy relationships in chemical reactions, the modern concept of the atom, chemical periodicity, chemical bonding and the structure of chemical compounds. Subsequently the states of matter and the physical properties of solutions are examined. Offered every Fall.

Three-hour lecture and one problem-session per week.

CHEM 112 General Chemistry II

Three Credits LA

Primarily a treatment of reactions, equilibrium, kinetics, acid-base theory, electrochemistry and radiochemistry. The course concludes with a detailed study of the reactions and properties of organic compounds. Offered every Spring.

Three-hour lecture and one problem-session per week.

Prerequisite: CHEM 111 or permission of instructor

CHEM 113 General Chemistry Laboratory I*Two Credits LA*

A beginning formal study of experimental methods and techniques. Experiments apply principles learned in General Chemistry I and furnish observations upon which lecture discussions are based. Offered every Fall.

Four laboratory hours per week.

Corequisite: CHEM 111 or permission of instructor

CHEM 114 General Chemistry Laboratory II*Two Credits LA*

A continuation of General Chemistry Lab I. The application of theories taught in General Chemistry II. Offered every Spring.

Four laboratory hours per week.

Corequisite: CHEM 112 or permission of instructor

CHEM 121 A Short Course in Organic Chemistry*Three Credits LA*

This one-semester course is designed to give biology students who are not oriented toward graduate school or medical school a basic understanding of the principles of Organic Chemistry. Offered every Fall.

Prerequisite: CHEM 111-112**CHEM 211-212 Organic Chemistry I-II***Three Credits each LA*

The structure and reactions of organic compounds with emphasis on the mechanisms by which these reactions take place. Physical properties, stereochemistry and the effect of structure on reactivity are also discussed. Offered every year.

*Three-hour lecture per week.**Prerequisite:* CHEM 111-112**CHEM 213 Organic Chemistry Laboratory***Two Credits LA*

The student performs experiments designed to teach the experimental techniques used by the organic chemist. Several weeks are devoted to the structural determination of organic molecules. The student is exposed to both physical (NMR and IR) and chemical methods of structure determination. Offered every Spring.

*Four-hour laboratory per week.**Prerequisite or Corequisite:* CHEM 121 or 211**CHEM 351 Quantitative Analysis***Four Credits LA*

The theory and application of classical and modern methods of analysis. Offered Fall semester.

*Two-hour lecture, six-hour laboratory per week.**Prerequisite:* CHEM 111-112 and 113-114**CHEM 352 Instrumental Methods of Analysis***Four Credits LA*

The theory and application of chemical instrumentation to analytical systems. Offered Spring semester.

Two-hour lecture, four-hour laboratory per week.

Prerequisite: CHEM 351, or permission of instructor

CHEM 411 Physical Chemistry I*Three Credits LA*

A discussion of chemical thermodynamics and chemical kinetics. Offered every Fall.

Three-hour lecture per week.

Prerequisite: CHEM 111-112, PHYS 111-112 or permission of instructor

CHEM 412 Physical Chemistry II*Three Credits LA*

A quantum mechanical and experimental approach to the elucidation of translational, rotational, vibrational and electronic energy states in molecular systems. Offered every Spring.

Three-hour lecture per week.

Prerequisite: CHEM 411 or permission of instructor

DESCRIPTION OF COURSES

CHEM 413 Experimental Physical Chemistry

Two Credits LA

An exposure to some fundamental studies of chemical systems. Offered every Fall.

Four-hour laboratory per week.

Corequisite: CHEM 411

CHEM 420 Essentials of Biochemistry

Three Credits LA

A study of the structure and function of molecules of biological significance, of intermediary metabolism including the role of enzymes, and of the biochemistry of the storage, replication and transmission of genetic information. Offered biennially.

Three-hour lecture per week.

Prerequisite: CHEM 211-212

CHEM 430 Advanced Inorganic Chemistry

Three Credits LA

An advanced treatment of special topics in inorganic and transition metal chemistry. Offered biennially.

Three-hour lecture per week.

Prerequisite: CHEM 411-412 or permission of instructor

CHEM 440 Advanced Organic Chemistry

Three Credits LA

An advanced treatment of selected topics chosen by the instructor in consultation with the students. These topics may include the theory of resonance, stereochemistry of carbon compounds, reaction mechanisms and synthesis. Offered biennially.

Prerequisite: CHEM 211-212

CHEM 477 Advanced Integrated Laboratory

Four Credits LA

The course, which is required of all chemistry majors, will give the student an opportunity to have a structured project experience under the direction of the chemistry faculty. The success of the project will depend upon the ability of the student to integrate his/her knowledge of chemistry and apply it in the solving of a practical problem. Work begins in the Fall semester for this course but registration and the awarding of credit takes place in the Spring semester. Offered every year.

Ten hours laboratory per week.

Prerequisite: CHEM 211, 212, 213, 351, 352, 411, 412, 413

CHEM 482-483 Research I-II

Three Credits each

This course offers the student the opportunity to do basic research under the supervision of a faculty member. At the end of his work, he presents a written report and an oral report to the seminar.

Prerequisite: Junior standing plus permission of department.

COMMUNICATION 20

COMM 104 Introduction to Communication

Three Credits LA

This course introduces students to the essential concepts used in analyzing communication systems, processes and effects. Students are exposed to major theoretical perspectives in the field and to the issues that engage the attention of contemporary communication research.

COMM 105 Public Speaking

Three Credits LA

An introduction to the preparation, presentation and evaluation of basic speech experiences for small groups and mass audiences. The integration of content and physical performance is stressed through peer, and ultimately, instructor evaluation based on the organization of ideas, development of thesis and overall individual platform performance. Techniques for the most effective use of the voice for social and professional needs are also demonstrated.

COMM 201 Oral Interpretation*Three Credits LA*

The art of reading to an audience, conveying the ideational, emotional and dramatic content of literature; the techniques of analysis are exercised equally with those of expression. Preparation of material for studio and classroom presentation from prose, poetry and drama.

Prerequisite: Sophomore standing and COMM 104

COMM 202 Introduction to Linguistics*Three Credits LA*

Dual listed as ENG 201

See ENG 201 for description.

COMM 204 Criticism of Public Address*Three Credits LA*

A concentrated study of public address through the critical appraisal of people in their communication roles in social controversies. The theory and practice of critical appraisal of the forms of public address includes description, analysis, interpretation and evaluation.

Prerequisite: COMM 205

COMM 205 Persuasion*Three Credits LA*

This course focuses on the premises underlying the persuasive process. Speaker and listener (audience) roles are analyzed in terms of language, style, motivational appeals, logical premises, cultural predispositions, etc. Through theoretical consideration and practical experiences, the student develops new insights into the process of persuasion.

Prerequisite: Sophomore standing and COMM 104

COMM 206 Interpersonal Communication*Three Credits LA*

An examination of the ways in which people communicate through verbal and nonverbal symbols, the processes by which the receiver interprets messages, the effects of communication upon relationships, and the environmental and cultural conditions that affect communication. Intrapersonal and interpersonal communication are studied as a means of helping the student improve his own skills and to provide a foundation in basic communication theory.

Prerequisite: Sophomore standing and COMM 104

COMM 207 Mass Communication*Three Credits LA*

A survey of mass media systems with the focus upon how they operate in American culture. Emphasis is placed upon the contemporary growth of print, film, radio, the recording industry and television and how these media have altered and affected our lives.

Prerequisite: Sophomore standing and COMM 104

COMM 215 America and the Movies*Three Credits LA*

Dual listed as HIST 215

This course will use American films in a variety of ways. One perspective will be the film as an artifact, reflecting the moods of a particular moment of time. In addition, selected films will be seen as interpretations of the American story, conveying images of popular culture and history. Finally, the film experience will be analyzed as both art and entertainment. Course content will vary from offering to offering.

Prerequisite: Sophomore standing

COMM 230 The Art of the Film*Three Credits LA*

The purpose of the course is to bring about a greater understanding of the medium as a creative communication art. The techniques, aesthetics, forms, functions, effects and value questions related to the cinema are examined. The various methods of film study are discussed and applied. Offered every year.

Prerequisite: Sophomore standing and COMM 104 or permission of instructor

COMM 248 The Press in America*Three Credits LA*

This course offers an in-depth examination of the news media and their effect on American society. The course is divided into three sections: The First Amendment and the philosophical roots of freedom of expression; contemporary issues involving press ethics, law, media technology and economics; and the history of the press in America. Both print and broadcast media are studied.

Prerequisite: Sophomore standing and COMM 104

DESCRIPTION OF COURSES

COMM 250 The History of the Modern Theatre

Three Credits LA

A study of international theater from 1870 to the present; the history of significant movements in writing; designing, directing, producing, acting, etc. Offered every two years.

COMM 270 Readings in Communication Arts

Three Credits LA

Offered when there is sufficient student interest.

COMM 301 Small Group Communications

Three Credits LA

An investigation of the theories and processes of communication within small groups. Students work in small groups to integrate theory with experience. Offered every year.

Prerequisite: COMM 206

COMM 320 Television Production

Three Credits LA

An investigation of the techniques of television in order to familiarize the student with television studio equipment and broadcast procedure. Offered every Fall.

Prerequisite: Sophomore standing and COMM 104 or permission of instructor

COMM 324 Journalism

Three Credits LA

Dual listed as ENG 322

The history, philosophy and function of the newspaper with classroom instruction and professional guidance in laboratory practice. Offered every Fall.

Prerequisite: Completion of Core/LS writing requirement, COMM 104 and Sophomore standing

COMM 325 Broadcasting

Three Credits LA

Introduces the student to the forms, functions and contents of radio and television in society. The historical contributions, the social implications, the entertainment value and the regulatory limitations on broadcasting as an industry and public service are all investigated. Contemporary research issues and the impact of new technologies are discussed.

Prerequisite: Sophomore standing and COMM 104

COMM 327 Writing for Radio and Television

Three Credits LA

Dual listed as ENG 327

A study of the forms of writing for radio and television. Applications of skills and techniques include the commercial and public service announcements. News, documentary and public affairs programming are prepared following audience analysis. Professional writers as guest lecturers, use of the campus TV studios and field trips off-campus are featured.

Prerequisite: Completion of Core/LS writing requirement, Sophomore standing and COMM 104

COMM 328 Cinematography

Three Credits LA

Dual listed as ART 340

Cinematography is visual communication; seeing in reference to motion, time, rhythm, interrelationship of sight and sound. Techniques basic to creative approaches are employed. Offered when there is sufficient student interest.

COMM 329 Photojournalism

Three Credits LA

Dual listed as ART 345

The art of reportage or documentary photography as it relates to newspaper and journal reporting. Offered when there is sufficient student interest.

Prerequisite: ART 140

COMM 330 Film Theory and Criticism

Three Credits LA

A systematic examination of the film medium and attempts to construct theories of film in its various forms. Attention is given to the relationships between film and reality; between film and other media, to structure, aesthetics, meaning; and to the ways in which films can be analyzed and criticized.

Prerequisite: COMM 230 or permission of instructor

COMM 335 Marriage and the Family

Three Credits LA

Dual listed as REST 335

See REST 335 for description.

COMM 340 Television Theory and Criticism
Three Credits LA

A study of television from theoretical and critical perspectives. This course will provide the student with the tools to critically study television both as an art and as a cultural barometer. The student will learn various critical methodologies drawn basically from other arts—film, literature, drama and other performing arts. The methodologies will include criticism from socioeconomic, historical, mythological, psychological, semiotic, quantitative and sociological perspectives. The student will read articles illustrating the methodologies applied to specific television programs by well-known critics. The student will apply some of these methodologies to specific television programs. By the end of the course, the student will be expected to develop his/her own methodology for criticizing television.

COMM 350 Theory & Practice of the Theatre
Three Credits LA

Investigation of the nature of theatrical art, its origin, its effects, its intrinsic principles; analysis of the play script for the image of the human condition it presents, its principle of unit, style, genre; analysis of actor's art; exercises, improvisations and scenes.

COMM 352 American Drama 1915-1945
Three Credits LA
 Dual listed as ENG 340
 See ENG 340 for course description.

COMM 353 American Drama 1945-Present
Three Credits LA
 Dual listed as ENG 341
 See ENG 341 for course description.

COMM 354 Twentieth Century European Drama
Three Credits LA
 Dual listed as ENG 363
 See ENG 363 for course description

COMM 355-356 The Rise and Development of the English Drama
Three Credits each LA
 Dual listed as ENG 320-321
 See ENG 320-321 for course descriptions.

COMM 370-470 Seminar in Communication Arts
Three Credits each LA

COMM 371-471 Independent Research in Communication Arts
Three Credits each LA
Prerequisite: Permission of instructor

COMM 389 Special Topics
One Credit LA

COMM 390-490 Special Topics in Communication Arts I
Three Credits each LA

COMM 391-491 Special Topics in Communication Arts II
Two Credits each LA

COMM 392-492 Special Topics in Communication Arts III
Three Credits each LA

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Special topics courses may be used to fulfill requirements for the major.

COMM 395-396-397 Internship in Communication Arts
One-Two-Three Credits
Prerequisite: Permission of instructor

DESCRIPTION OF COURSES

COMM 420 Comparative Communication Systems

Three Credits LA

Foreign press, broadcasting and film; control and support; reflection of political systems, economic and social development; their function in formulating public opinion and national policy.

COMM 421 Organizational Communication

Three Credits LA

This course is concerned with communication processes within an organization. It focuses on the sending, the receiving and the interpreting of messages. Principles of downward, upward and lateral systems are investigated. Case studies are employed to illustrate typical problems that arise and the methodologies devised for successful resolutions to achieve effective communication.

Prerequisite: COMM 206 and 207 or permission of instructor

COMM 422 Public Relations

Three Credits LA

Principles and practices now in vogue in the field of public relations. The theory, history and utilization of public relations, especially in 19th and 20th Century America, are explored. Students learn the complexities involved in public relations, enhancing their ability to function in practical roles associated with the field.

Prerequisite: COMM 421 or permission of instructor

COMM 423 Readings in Journalism

Three Credits LA

This course is designed to enhance the student's ability to understand and critically evaluate the techniques used by various writers/reporters in gathering data and symbolically re-creating the world around them. Works from several periods are studied both as literature and as journalism.

Prerequisite: COMM 324 or permission of instructor

COMM 424 Advanced Journalism

Three Credits LA

Dual listed as ENG 426

This course is designed to enhance writing and reporting skills. Emphasis is placed on advanced research, investigative and probing techniques demonstrated in the actual writing of news and feature stories.

Prerequisite: COMM 324

COMM 425 Advanced Radio Broadcasting

Three Credits

This course concentrates on radio production methods and gives the student hands-on experience with radio equipment. Voice improvement, editing and live work are stressed. Sample assignments include production of music shows, radio news reporting, advertisements, continuity and radio drama.

Prerequisite: COMM 325

COMM 426 Advanced Television

Production

Three Credits

Creative problems in television production and direction. Advanced program design, lighting, audio, camera and electronic equipment.

Prerequisite: COMM 320

COMM 427 Masters of Film

Three Credits LA

Focus upon a concentrated area of film study. This course utilizes intensive classroom screenings, selected readings, seminar discussions and individual research projects developed from the materials in the course. Possible areas for study include: The Auteur Film (e.g. Alfred Hitchcock), Film Genres (e.g. The Western), Film Movements (e.g. New Wave), Specific Themes (e.g. Death, Rebirth and the Christ Figure), Films in Historical Periods (e.g. The American Depression), Experimental Cinema, Film and other Modes of Art (e.g. Surrealist and Dada Film). May be taken more than once.

Prerequisite: COMM 230 or permission of instructor

COMM 429 Newspaper Editing*Three Credits LA*

This course introduces students to the basic skills of newspaper copy editing: layout, headline writing and editing. Weekly lab sessions are held. Through class discussions and essay assignments, students are encouraged to think critically about the nature of news, the uses of the print medium and editorial decision-making.

Prerequisite: COMM 324, 424

COMM 430 Public Opinion*Three Credits LA*

This course examines the nature of public opinion, how it is formed, maintained and/or changed. Various methods of measuring public opinion are studied, as are the validity and accuracy of samples used in the process. The historical development of public opinion and its influence in the process of decision-making in American society are investigated. Case histories are explored and the circumstances related to each are reviewed. Students will have an opportunity to create an instrument, implement and analyze the data collected.

Prerequisite: COMM 207

COMM 436 Mass Communications Law*Three Credits LA*

This course will review major legal issues affecting mass communications. Issues discussed will include: first amendment freedoms, libel/slander, rights of privacy and the media, the conflict between free press and fair trial considerations, obscenity, regulations specifically relating to broadcasting and the Federal Communications Commission, regulations specifically relating to advertising and copyright laws. A major focus of the course will be on the philosophy underlying legislation that has been passed and that is currently under consideration. Major cases pertinent to each topic will be studied in an attempt to help the student understand why the law is as it is. Ethical considerations will be discussed throughout the course.

COMM 450 Shakespeare*Three Credits LA*

Dual listed as ENG 325

See ENG 325 for course description.

COMM 451 Theatre Workshop*Three Credits LA*

This workshop offers the student an opportunity to study and experience one or more of the roles of writer, actor and/or director. The student's projects for the semester are arranged by an individual contract between the student and the instructor.

Prerequisite: COMM 350 or permission of instructor

COMM 477 Comm Systems and Effects

A capping course required for all Senior Communication majors. To be developed and offered 1988-89.

COMM 498-499 Advanced Internship in Communication Arts*Six-Nine Credits*

A professionally-oriented semester in which the student spends a part- or full-time apprenticeship learning and contributing to the operation of a communication-related facility. Completion of major requirements, course prerequisites, departmental screening and clearance by the facility involved are necessary for participation in the seminar. The student is evaluated at the end of the semester by a facility supervisor and a faculty member who periodically visits the newspaper, radio or T.V. station, advertising agency, industrial or educational complex, or any other related facility where the student spends the senior seminar.

Prerequisite: Permission of internship director

Note: Internships carry elective credit and may not be used to fulfill requirements for the major.

COMPUTER SCIENCE 21**CMSC 103 Introduction to Computer Systems***Three Credits LA*

Students will gain an understanding of computer systems and computing by being exposed to a variety of computer applications such as word processing, BASIC programming, statistical packages and data base systems. Social implications of computing will also be discussed. Designed for non-computer science majors. Offered every semester.

CMSC 104 APL for the Liberal Arts*Three Credits LA*

This course considers the history of computing and the influence of computers on mathematics and the liberal arts. An introduction to computer programming and computer applications is included. Offered every semester.

CMSC 105 Computer Science I*Four Credits LA*

The objectives of this course are to introduce a disciplined approach to problem solving methods and algorithm development; to teach program design, coding, debugging, testing, and documentation using good programming style; to teach a block-structured high-level programming language; to provide a familiarity with the computer hardware and software technology; and to provide a foundation for further studies in computer science. Offered every semester.

CMSC 111 Computational Models*Three Credits LA*

The objective of this course is to use the computer to solve problems. Computer models are constructed and interpreted. Topics include: structured programming, elementary statistics, simulation and file organization. Offered every semester.

Prerequisite: CMSC 104**CMSC 112 Computer Science II***Three Credits LA*

The concepts of data abstraction, as applied to elementary stacks, queues, linked lists, and binary trees, will be introduced. Implementation of these data abstractions will include the use of array, record, file and pointer types. Recursion as a programming tool will be introduced and employed in the development of linked list and binary tree algorithms. Searching and sorting algorithms will be studied and compared in terms of space and time complexity. The notions of algorithm complexity and program correctness will be introduced and discussed at appropriate points. Offered every semester.

Prerequisite: CMSC 105*Corequisite:* MATH 250**CMSC 212 Computer Science III***Three Credits LA*

This course is a continuation of Computer Science II. Graphs, trees and memory allocation strategies will be discussed and implemented. The discussion of algorithm complexity and program correctness will be continued throughout the course. Students will be introduced to the concepts and techniques of structuring and manipulating data stored on files. Offered every semester.

Prerequisite: CMSC 112**CMSC 230 Assembly Language Programming***Three Credits LA*

Introduction to Assembly Language Programming. Addressing, internal representation of data, instruction execution. Program organization, segmentation and linkage. Input-output. Programs will be written in IBM System 360/370 Assembler language. Offered every semester.

Prerequisite: CMSC 112**CMSC 232 Language Study-Pascal***Three Credits LA*

A study of the Pascal programming language. Topics include input/output, assignment, basic control structures, procedures and functions, simple data types, user-defined types, arrays, records, printers, sets and files. This course is intended for transfer students who have received credit for CS I and/or CS II, but are unfamiliar with the Pascal language. Offered every semester.

CMSC 233 Language Study*Three Credits LA*

The purpose of this course is to introduce the student to a language that is non-procedural, that is, applicative or functional in nature. Such languages include APL, LISP, and PROLOG. The language to be studied is chosen by the instructor and announced before preregistration. Offered every semester.

Prerequisite: CMSC 212**CMSC 278-279 Topics in Computer Science I & II***Three Credits LA*

Topics courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered upon demand. Does not satisfy upper level Computer Science elective requirements.

Prerequisites: Permission of instructor**CMSC 312 Software Development***Three Credits LA*

The major focus of this course will be the specification, design, and implementation of a sizable software project, by a team of student programmers, employing the principles of software engineering. To this end, advanced programming topics, such as, data abstraction, low-level abstraction, and process abstraction will be studied. The project and programming assignments will be implemented in a programming language which sufficiently supports the principles of software engineering. Offered every semester.

Prerequisite: CMSC 212**CMSC 330 Computer Organization***Three Credits LA*

The purpose of this course is to gain an understanding of the structure, design, and internal working of modern digital computers. It will involve an introduction to logic design and boolean arithmetic operations and their application to digital computer organization. Topics discussed will include logic circuits, arithmetic operations, control logic, computer runtime cycles and interrupt handling.

Prerequisite: CMSC 230**CMSC 331 Theory of Programming Languages***Three Credits LA*

This course focuses on the organization of programming languages, the formal study of language specification and analysis, compilation versus interpretation, data and control structures. Offered every semester.

Prerequisite: CMSC 233**CMSC 340 Algorithm Analysis and Design***Three Credits LA*

This course continues the study of data abstraction and algorithm complexity from a more mathematically formal viewpoint. Time complexity of algorithms will be treated using Big O notation and worst, best and average case analyses. The idea of polynomial-time, NP, exponential, and untractable algorithms will be introduced. Elementary recurrence relation problems relating to recursive procedures will be solved. Sorting algorithms will be formally analyzed. Strategies of algorithm design such as backtracking, divide and conquer, and greedy techniques will be discussed.

Prerequisite: CMSC 212, MATH 320, MATH 330**CMSC 344 Database Management Systems***Three Credits LA*

This course deals with large scale data intensive applications and how the data may be represented and manipulated. The course also covers the concepts of design of databases, and gives an overview of the capabilities of database management systems. Logical and physical database design will be covered, as well as several standard data models. Linked-sequential and B-tree data structures will be reviewed. The concepts of redundancy, security and recovery are covered. Software on mainframe and microcomputer systems will be introduced. Course projects will involve the design and construction of a database using existing database management software. This course will require programming of embedded database statements.

Prerequisite: CMSC 312

DESCRIPTION OF COURSES

CMSC 346 Computer Graphics

Three Credits LA

An introduction to the algorithms and hardware used in computer graphics, including such topics as 2- and 3-dimensional transformations, clipping, windowing, display files, and various input devices. Students are required to produce a Simple Graphics Package which employs many of the techniques introduced during the semester.

Prerequisites: CMSC 312 and MATH 210

CMSC 378-379 Special Topics in Computer Science I-II

Three Credits each LA

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered upon demand.

Prerequisite: Permission of Divisional Chairperson

CMSC 381 Project in Computer Science

Three Credits LA

This course involves a student working closely with a faculty member on a project of mutual interest. Offered upon demand.

Prerequisite: Permission of Divisional Chairperson.

CMSC 395-396-397-398-399 Internship in Computer Science

One-Two-Three-Six-Nine Credits

The internship is a professionally oriented experience in the computing field. Arrangements are made with the Internship Advisor. Offered every semester.

Prerequisites: Junior/Senior standing

CMSC 404 Artificial Intelligence

Three Credits LA

This course is an introduction to the major problems, techniques, and issues of artificial intelligence. Emphasis is placed upon the topics of knowledge representation and problem solving. The languages LISP or PROLOG will be used to illustrate various AI techniques. Offered every Spring semester.

Prerequisite: CMSC 212

CMSC 406 Computer Network and Distributed Systems

Three Credits LA

This course should give students a background in basic tenets, current practices, and future directions in the merging of computer and communications technology. The student will consider both the physical and logical transfer of data, and will be introduced to international standards such as the OSI architecture, and various network access and internet standards, and will be acquainted with various public and proprietary networks such as ARPANET, SNA, and DNA. The topics covered will include an analysis of the problems and limitations imposed by the physical channel, comparative switching techniques and the emergence of hybrid switching, and higher level protocols needed to complete the end-user to end-user exchange. Wide area networks, local area networks, internetworking, and the emergence of integrated voice, data, video, and fax networks will be emphasized. Offered every Fall semester.

prerequisites: MATH 330, CMSC 212, CMSC 330

CMSC 415 Computer Architecture

Three Credits LA

The objective of this course is to introduce concepts related to the organization and structuring of the major hardware components. The functions and implementations of, and communications between the large-scale components of a computer system are described in terms of hierarchy of levels. Offered every Fall semester.

Prerequisite: CMSC 330

CMSC 421 Microprocessors and Applications*Three Credits LA*

This course is intended to provide the student with the opportunity to acquire a background in the area of microprocessing and to build upon prior study in the organization of computers. Offered annually.

Prerequisite: CMSC 330

CMSC 422 Operating Systems*Three Credits LA*

This course will introduce the fundamental concepts of an operating system viewed as a resource manager. Topics discussed will include management of processes, processors, memory, files, and input/output devices. Deadlock and critical Section problems will be highlighted. A project involving implementation of a multiprogrammed operating system will be an integral part of the course.

Prerequisite: CMSC 312, CMSC 330

CMSC 432 Design of Compilers*Three Credits LA*

The theory and implementation of compilers will be studied. Topics will include the lexical, syntactic and semantic analysis of formal languages, intermediate code generation, object code generation, and symbol table construction. Theoretical tools, such as finite state and pushdown automata, and context-free grammars, will be discussed as needed. Each student will be required to develop a compiler for a selected subset of an instructor—specified high level language.

Prerequisite: CMSC 312

CMSC 440 Formal Languages and Computability*Three Credits LA*

The formal study of languages and computability is essential to any solid undergraduate curriculum. In this course student will be introduced to the formal properties of languages, formal methods of generating and defining languages, and the limitations of the methodologies. Offered every semester.

Prerequisite: CMSC 340

CMSC 471 Advanced Topics in Computer Science*Three Credits LA*

This course provides a means for regularly considering new and innovative aspects of Computer Science. Offered annually.

Prerequisite: Permission of Divisional Chairperson.

CMSC 477 Computers and Society*Three Credits LA*

A study of the social implications of computer technology. Offered every semester.

Prerequisite: Junior/Senior standing

CMSC 495-496-497-498-499 Advanced Internship in Computer Science*One-Two-Three-Six-Nine Credits*

The internship is a professionally oriented experience in the computing field. Arrangements are made with the Internship Director. Offered every semester.

Prerequisite: Junior/Senior standing

CRIMINAL JUSTICE 22**CRJU 101 Introduction to Criminal Justice***Three Credits LA*

A study of the systems and systematic relationships in discussing the functions of criminal law, police, courts, trials, prosecution and defense.

CRJU 102 Criminology*Three Credits LA*

The study of the development of the philosophies and theoretical orientations to crime causation of various schools of criminological and related thought, and common theories on the nature and causes of crime and criminal behavior.

CRJU 305 Juvenile Law and Procedures*Three Credits*

This course provides a student with a basic understanding of the juvenile justice legal process and presents a rationale for the change in attitudes that has necessitated the development of a sophisticated legal process in place of a non-legal system which was traditional.

Prerequisite: CRJU 303 or permission of the department

DESCRIPTION OF COURSES

CRJU 201 Police Organization and Administration

Three Credits

A study of organizational principles and theory; applications to the law enforcement agency; motivation; productivity; psychological aspects of police management/supervision. Planning processes, decision making, manpower deployment, patrol methodology, development of police/community relations. Recruitment selection and training.

CRJU 206 Criminal and Scientific Investigation

Four Credits

A study of techniques and procedures utilized in criminal investigation; survey of instrumentation, identification/processing of trace evidence, use and acceptability of electronic surveillance; use of informants. Role of the expert witness; special problems in investigations (e.g. organized crime, narcotics traffic, etc.).

Prerequisite: CRJU 101

CRJU 221 Law and Society

Three Credits LA

Dual listed as POSC 221 and PRLG 221

An examination of law and legal systems in elective affinity with specific historical socio-cultural variables. An analysis of political and organizational influence in the reaction and enforcement of laws from both conflict and consensus perspectives.

CRJU 223 Juvenile Delinquency

Three Credits LA

A study of the nature of juvenile delinquency including discussion of the major theories and the prevalent factors contributing to offenses committed by juvenile and younger offenders. Society's response to the problem of youth crime and delinquency including appropriate sections of the Family Court Act, juvenile institutions and aftercare facilities are discussed. The problem of child abuse and neglect is examined from a socio-legal aspect. Attention will also be given to preventive services and programs.

CRJU 242 Drug and Alcohol Use and Abuse

Three Credits LA

A study of the problems of alcohol and alcoholism and various drugs, including narcotics, barbiturates, stimulants, tranquilizers, hallucinogens and other substances and their effects on the behavior of the individual. Addiction and current methods of treatment are also studied.

CRJU 303 Criminal Procedure I

Three Credits LA

The study of common law heritage: constitutional, civil and criminal law, the laws of evidence, courts and court procedures and procedures in criminal law.

Prerequisite: CRJU 101 or permission of the department

CRJU 304 Criminal Procedure II

Three Credits LA

A continuation of Criminal Procedure I.

Prerequisite: CRJU 303 or permission of the department

CRJU 314 U.S. Urban Cultures

Three Credits LA

This course is a study in the history of minority group cultures and how they developed and assimilated into the American urban society.

CRJU 370 Theories of Punishment

Three Credits LA

Major theories of criminal punishment and the current application of such theories in the criminal justice area. Emphasis will be placed on analysis and critique of Retribution, Deterrence, Social Defense and Rehabilitation as it relates to juvenile justice. Offered annually.

Prerequisite: CRJU 102

CRJU 373 Modular Study: Characteristics of the Work Setting: A Systems Approach*Three Credits LA*

This course focuses on the bureaucracy and social psychology of criminal justice organizations and institutions. Offered Spring.

CRJU 374 Modular Study: Research Methods*Three Credits LA*

An understanding of the foundations of research design and applications are approached through statistical analysis and interpretations of research materials in criminal justice. Concepts are developed through hands-on computer skills activities.

Prerequisite: MATH 130 Statistics. Offered Fall.

CRJU 375 Program Planning and Evaluation*Three Credits LA*

This course will discuss and analyze methods of evaluating diverse programs and policy in the criminal justice arena. Offered Spring.

CRJU 376 Planned Change in Criminal Justice*Three Credits LA*

The course will introduce the theories of planned change and explore their applicability and use in the criminal justice area. The student will be exposed to the various strategies of bringing about change in the individual, organization and community and will have an opportunity to evaluate a project of change utilizing those strategies in criminal justice. By examining ethical and other issues in planned change students will appreciate the need for fitting strategies to clients and environments.

Prerequisite: Junior status

CRJU 377 Politics of Crime*Three Credits LA*

This course focuses on a critical analysis of the criminal justice system from an economic and political perspective. Discussions will be conducted in true seminar fashion, i.e. round table discussions of assigned readings. The emphasis is on theoretical analysis. Junior/Senior Criminal Justice majors only.

CRJU 430 Psychological Perspectives on Criminal Behavior*Three Credits LA*

Dual listed as PSYC 430

See PSYC 430 for course description.

CRJU 440 Cross Cultural Criminal Justice Systems*Three Credits LA*

Discussion of representative systems in Europe, Asia and the Middle East in comparison to that of the United States. Students choose an area to research and present findings to the class in seminar fashion. Offered annually. Seniors only.

CRJU 477 Capping Course*Three Credits LA*

This course focuses on the ethical and theoretical perspectives current in the criminal justice field. Included in the course is individualized field research which the students will present in an oral report. The relationship of classroom study (theory) to the professional world of criminal justice (practice) is also explored with a view toward career and employment possibilities. Senior Criminal Justice majors only.

Prerequisite: CRJU 440

CRJU 496-499 Criminal Justice Internship

Two 3-credit internships are required for all criminal justice majors, preferably in the senior year. It is an educational experience whereby a student interprets theory with the realities of the criminal/juvenile justice setting. Under the supervision of a field professional and faculty coordinator, the student will analyze the field activities with theory developed from an extensive library reading list. Junior/Senior Criminal Justice majors only.

ECONOMICS 23**ECON 101 Principles of Macroeconomics***Three Credits LA*

An introductory course in economics. Topics covered include the basic functioning of a free enterprise economy; economic activities of government; national income analysis; the theory of income determination and the monetary system. Offered every Fall.

DESCRIPTION OF COURSES

ECON 102 Principles of Microeconomics

Three Credits LA

A course dealing with analysis of price behavior under both competitive and monopolistic conditions; demand and utility; equilibrium of the firm; marginal analysis and production theory; returns to the factors of production. Offered every Spring.

ECON 301 Intermediate Macroeconomic Theory

Three Credits LA

Analysis above the level of ECON 101 of the aggregates of consumption, saving, investment and a government fiscal activity and the influence of these on the size of national income. Includes consideration of factors affecting employment, prices and economic growth. Offered every Fall.

Prerequisite: ECON 101, 102

ECON 302 Intermediate Microeconomic Theory

Three Credits LA

A more detailed analysis of the material covered in ECON 102. Included is the theory of consumer behavior and the determinants of demand; theory of production; nature and behavior of cost, price and output determination in the various competitive markets; theory of factor prices and income distribution. Offered every Spring.

Prerequisite: ECON 101, 102

ECON 305 Environmental Economics

Three Credits LA

This course uses microeconomic theory to examine current problems in the natural environment. Current environmental policy is examined, and possible future changes are considered. Course requirements include exams, outside readings and a major research project presented to the class. Offered every other year.

Prerequisite: ECON 102

ECON 310 Labor Economics

Three Credits LA

This course introduces the student to the study of labor supply and demand and its impact on the economy. Topics include employment of protected classes, income distribution returns to investment in education, unemployment, welfare, discrimination, research in labor issues. Offered every other year.

Prerequisite: ECON 101, 102

ECON 402 Labor Relations

Three Credits LA

Dual listed as BUS 402

See BUS 402 for course description.

ECON 420 Monetary Economics

Three Credits LA

A study of the nature of money and credit; the commercial banking structure and operation; the Federal Reserve System; the development of monetary theory; American monetary policy. Offered every Fall.

Prerequisite: ECON 101, 102

Recommended: ACC 201

ECON 421 Public Finance

Three Credits LA

Analysis of the theory and practice of government expenditure, taxation and debt management. Topics include effects on income, the budget process, fiscal policy and intergovernmental and local government finance. Offered every Spring.

Prerequisite: ECON 101, 102

ECON 440 Economic Development and Growth

Three Credits LA

An analysis of problems encountered by developing nations. Topics include economic, social and political barriers to development; theories of growth; the role of capital, savings, population and foreign aid; the history of development; and case studies of developing nations. Offered every other year.

Prerequisite: ECON 101, 102

ECON 441 American Economic History

Three Credits LA

A study of the contribution of the several factors of production to the economic growth of the United States. Also examined is the development of private and government institutions that have organized economic life in this country. Offered every other year.

Prerequisite: ECON 101, 102

ECON 442 International Economics*Three Credits LA*

Development of the theoretical framework of trade between nations; balance of payments theory; foreign exchange markets; policies on tariffs and trades; customs unions and international financial agencies. Offered every other year.

Prerequisite: ECON 101, 102

ECON 443 History of Economic Thought*Three Credits LA*

A study of the principal theories of the production and distribution of economic goods. Consideration of the essential elements in the thought of the exponents of classical and neo-classical economics and modern macroeconomics. Offered every other year.

Prerequisite: ECON 101, 102

ECON 477 Capping Course

A capping course required for all Senior Economics majors. To be developed and offered 1988-89.

EDUCATION 27**EDUC 091 Fieldwork in Education***No Credit*

Participation in the teaching-learning process in a school or other educational setting. This is a required exploratory experience for students who are enrolled in the special education program and a prerequisite for admission to Psycho-Ed Assessment of Educational Handicaps and the 200-level methods courses.

EDUC 140 Introduction to Bilingual Studies/TESL (Teaching English as a Second Language)*Three Credits*

A study of the theoretical aspects of bilingual education (historical, sociological, linguistic, psychological, educational and philosophical) and the teaching of English as a second language. Offered when there is sufficient interest.

Prerequisite: Completion of the Core/LS writing requirement.

EDUC 210 Participation/Observation in the Secondary Schools*Three Credits*

A field-based experience which precedes the student teaching semester. Introduces the teacher candidate to the secondary school. Extensive classroom observations, related non-instructional activities, participation in the general activity of the secondary school. Weekly seminar on campus. Offered Spring semester.

Open only to students enrolled in the secondary education program.

Corequisite or Prerequisite: PSYC 208

EDUC 241 Math for Elementary Teaching: Content and Methodology for Regular and Special Education*Three Credits*

The purpose of this course is to develop the student's competency to teach mathematics to elementary school children, K-6, including those children with cognitive and behavioral deficits that require a modified educational program. Manipulative laboratory activities and lectures are used to study content, methods and materials as they relate to the sequential nature of mathematics and to cognitive development. Special emphasis is placed on diagnostic and remedial skills drawn from a broad psychological and theoretical base. Students have the opportunity to plan, implement and assess their mathematics teaching in appropriate classroom settings through two field assignments in the local schools. Offered Spring 1988.

Prerequisite: PSYC 207, 317

Open only to enrollees in the Special Education program.

DESCRIPTION OF COURSES

EDUC 360 A Workshop in Curriculum Development

Three Credits

The purpose of this course is to examine critically current trends in curriculum development in elementary education and to analyze the resultant implications for practice in the elementary school. The workshop provides opportunities for students to study, evaluate and develop specific curriculum; content, resources and teaching strategies in social science education, creative arts and science. The course includes a focus on the curriculum needs of the normal child as well as for those with specific cognitive and behavioral deficits. Open to program seniors only. Offered Fall 1987.

Corequisite: EDUC 462

EDUC 364 Reading in the Elementary School: Process and Strategies for Regular and Special Education

Three Credits

This course examines the nature and process of reading within a theoretical (psycholinguistic) framework and then explores a variety of approaches and strategies used in teaching children to read. Special emphasis is placed on diagnostic teaching for all children as well as on the selection of reading curricula, goals, methods, materials and settings appropriate for children in regular classes and for children with cognitive and behavioral deficits for whom modifications in the learning program are necessary. Practical applications of strategies learned will be implemented with children in various classroom settings. Offered Fall 1987.

Prerequisite: PSYC 317 and PSYC 231

Corequisite: PSYC 372

EDUC 365 Literature for Children

Three Credits

This course considers children's literature as a distinct genre and deals with its history: its development in response to changing social conditions; what makes particular books popular with children; and the extent to which adult writers impose their own tastes and concerns on child readers. Among the sources examined are folklore and related forms; modern fantasy; biography; historical fiction; modern realistic fiction; poetry; picture books; and information or reference type books. The subject is explored thematically and in relation to notable authors and artists. Other areas examined are child and adult responses to children's literature; the role of the classroom teacher in devising a curriculum for literature in the elementary classroom; the exceptional child in literature; literature for children in special education settings; and the illustrative content of children's picture books. Offered Spring 1988.

Prerequisite: PSYC 317 and PSYC 231

Open only to enrollees in the Special Education program.

EDUC 373 Methods and Materials for Mildly Handicapped Students

Three Credits

This course prepares teachers of moderately handicapped students who receive most of their education in the special class or school, or in residential settings. These students, who have one or more significant cognitive or behavioral deficits, require intensive instruction to master basic communication, self-help and social skills. The emphasis in this course is the development of programs designed to maximize the students' integration into the mainstream of society as independent adults.

Topics include: principles of educational programming; assessment of functional levels; skill development in activities of early living; development of appropriate social behaviors; use of precision teaching and behavior modification; alternatives to institutional living; and planning and implementing the Individualized Education Plan. Offered Spring 1988.

Prerequisite: PSYC 372

Corequisite: EDUC 374

EDUC 374 Methods and Materials for Moderately Handicapped Students*Three Credits*

This course prepares special educators of children whose handicapping conditions are considered mild and who receive at least some of their education in the regular classroom. The emphasis is on the selection of materials, techniques and programs designed to correct the particular learning problems of an individual student. The preparation and implementation of an Individualized Education Program (IEP) will be required.

Students will become familiar with the modifications of materials and strategies to accommodate the special learning needs of students with mild learning disabilities, behavior disorders and mental retardation. Variations appropriate to exceptional students in regular classes, resource programs and special classes will be examined. Because these students require the joint efforts of regular and special educators, students in this course will explore ways of working with regular class teachers who do not have special education expertise. Offered Spring 1988.

Prerequisite: PSYC 372

Corequisite: EDUC 373

EDUC 392 Special Topics in Education*Three Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of Divisional Chairperson

EDUC 415 Student Teaching in the Secondary Schools*Twelve Credits*

Clinical experience in the classroom on the junior-senior secondary school level under the supervision of the Office of Teacher Education and the academic departments. Full-time attendance at a secondary school is required. On-campus seminar sessions. Offered Fall semester only.

Prerequisite: Methods course, PSYC 208

Open only to students enrolled in the secondary education program.

EDUC 420 Methods of Teaching Social Studies in Secondary Schools*Three Credits*

Seeks to identify and demonstrate teaching techniques for secondary social studies classes. Students must prepare demonstration classes using innovative teaching techniques, and are responsible for preparing one TV taped lecture on which other members of the class offer critical comment. Discussions concern topics such as teaching controversial issues, social studies in the total curriculum, values and objectives in the social studies and others. The course is organized around the teaching unit and its construction. Offered Spring 1988.

Corequisite: EDUC 210, PSYC 208, or permission of the Director

EDUC 422 Methods of Teaching Science in Secondary Schools*Three Credits*

A course concerned with objectives, classroom strategies and procedures, preparation of unit and lesson plans, use of demonstrations, student laboratory experiences, science curriculum and evaluation, choosing texts and reference materials, use of visual aids, programs for advanced students, testing, construction and evaluation of classroom tests. Offered Spring 1988.

Corequisite: EDUC 210

Prerequisite or corequisite: PSYC 208

DESCRIPTION OF COURSES

EDUC 424 Methods of Teaching Mathematics in Secondary Schools

Three Credits

A discussion of the current trends in secondary school mathematics courses. Study of syllabi in mathematics on the junior-senior high school level. The principles of problem-solving. Demonstration lessons by the students, testing and construction of classroom tests. Offered Spring 1988.

Corequisite: EDUC 210, PSYC 208

EDUC 426 Methods of Teaching Languages in Secondary Schools

Three Credits

A general discussion on lesson and unit planning, motivational techniques, classroom management, evaluation and testing with more specific study of the objectives of foreign language study, recent trends and developments in language teaching, and techniques in teaching and testing both in basic language skills and the culture, to secondary school students. The course aims to prepare, support and provide a basis for the work of the practice teaching experience. A TV demonstration mini-lesson and a unit plan and unit test are required. Offered Spring 1988.

Prerequisite: EDUC 210, PSYC 208

EDUC 428 Methods of Teaching English in Secondary Schools

Three Credits

Approaches to and methods of teaching the various aspects of the English curriculum in the secondary school, unit and lesson planning, test construction, evaluation. Presentation of lessons by students, video-taping of lesson for self-evaluation. Offered Spring 1988.

Prerequisite: EDUC 210, PSYC 208

EDUC 441 Fieldwork in Bilingual Education/English as a Second Language

Three Credits

A field-based experience in bilingual education programs within selected schools. Students participate in actual classrooms, observing, tutoring, teaching and other related activities. This is the last course to be taken in Bilingual Education studies. Offered when there is sufficient interest.

Prerequisite: EDUC 140, SPAN 153 or 154 and permission of instructor

EDUC 462 Student Teaching Practicum: Elementary/Special Education

Twelve Credits

Students serve a full-time supervised internship five days weekly in a local school. Seven weeks of the semester are spent in a regular elementary (K-6) classroom and seven weeks in a special education classroom or resource room. A weekly seminar is held in which students examine and analyze the interrelationships of teachers, children and curricula as reflected in the classroom learning environment. In addition, the literature on various topics (e.g. discipline, management creativity) is explored. Offered Fall 1987.

Permission is required. Open only to seniors who have completed the prerequisite 300-level methods courses in the professional sequence.

ENGLISH 30

ENG 001 Introduction to College Writing

This course is specifically designed to prepare the student to do well in College Writing. Activities will consist of exercises in the mechanics of writing as well as basic organization. Reading skills will also be a part of the instruction. It is highly recommended that students scoring below a certain level on the Writing Placement Examination take this course. No academic credit is given for this course; however, 3 equivalent credits are earned.

ENG 005 English as a Foreign Language I

Three Credits each LA

This is the first in a two-level sequence which aims to provide the foreign student with the linguistic skills necessary to achieve basic proficiency in English. At this level an integrated approach is used—grammar, reading, writing, vocabulary, speaking and listening are practiced. This is a required course for foreign students who have attained a determined score range on the placement examination.

ENG 006 English as a Foreign Language II*Three Credits each LA*

This is the second in a two-level sequence which aims to provide the foreign student with the linguistic skills necessary to achieve competency in English so he may successfully complete Marist's writing requirements and participate fully in his college courses. At this level emphasis is placed on the reading and writing skills with particular focus on the creation of coherent paragraphs then short essays. This is a required course for foreign students who have attained a determined score range on the placement examination.

ENG 116 College Writing I*Three Credits LA*

This is the first course in a two part sequence. Instruction consists of acquainting the student with the rhetorical modes of description, narration, and exposition; introductory work is done in the area of research skills. Specific skills to be emphasized are ability to read with inference, ability to analyze material, ability to write formal summaries. The student will write a minimum of six full length papers. Students are placed into this course from a Placement Examination.

ENG 117 College Writing II*Three Credits LA*

This is the second course in a two part sequence, although some students are placed directly into it from the Placement Examination. Instruction consists of extensive practice in the rhetorical modes of exposition and persuasion, with a heavy emphasis on the ability to synthesize material as evidenced through the writing of a formal research paper. Specific skills to be emphasized are ability to recognize and use stylistic variations, ability to probe and question readings with a critical eye, ability to use rhetorical structures with sophistication. The final examination in this course is also the Writing Proficiency Examination, a requirement for graduation.

ENG 170 World Literature*Three Credits LA*

Will study many of the great works of the past 3,000 years, particularly those having a major impact on the development of Western culture. Among the writers studied are Homer, Sophocles, Euripedes, Aristophanes, Virgil, Ovid, authors of the Old and New Testament, Dante, Chaucer, Rabelais, Cervantes and Shakespeare. The readings will parallel and complement those of foundation courses in History and Philosophy.

ENG 177 The Experience of Literature I*Three Credits LA*

Along with ENG 225, this course introduces students to the various forms of literature. As such, the courses are intended for students who wish to learn techniques of reading and interpreting literature before going on to more traditional literature courses. This, the first semester, places primary emphasis on fiction and drama. Students will write reaction papers based on the readings. Offered every year.

ENG 201 Introduction to Linguistics*Three Credits LA*

A study of the internal structure of the English language as it relates to current patterns in speech and grammar. This course treats phonology, morphology, morphophonemics, the description of language structures and English transforms. Offered at least once in three years.

ENG 202 The Art of Poetry*Three Credits LA*

An introduction to poetry with a focus on practical criticism: analysis of poems, acquisition of working vocabulary in description of poetic techniques, forms and effects. Allied readings in the theory of poetry and the nature of the creative process.

ENG 205 Modern Speculative Fiction*Three Credits LA*

Readings in a wide range of twentieth century science fiction and fantasy writers. Offered when there is sufficient student interest.

DESCRIPTION OF COURSES

ENG 206 Religious Themes in Literature

Three Credits LA

Dual listed as REST 310

An interdisciplinary study of significant themes in contemporary literature and their relationship to man and the human situation. Offered when there is sufficient student interest.

ENG 207-208-209 Mini Courses in Literature

One Credit each LA

These three one-credit, five-week courses in literature are designed especially for the non-English major. Subject matter will be different for each offering. It may introduce students to an author (e.g. Chekhov, Wordsworth, Frost) or literary work (e.g. *Gulliver's Travels*, *Huckleberry Finn*, *King Lear*), or theme (e.g. the immigrant experience in American Literature, the idea of initiation in the Short Story, the idea of love in modern poetry). Three courses are scheduled during the term consecutively in the same slot so that at registration the student may elect one, two, or all three of the minis. Offered when there is sufficient student interest.

ENG 210-211 American Literature I-II

Three Credits each LA

Selections from the principal writings of the leading literary figures in English literature. Offered every year.

ENG 212-213 English Literature I-II

Three Credits each LA

The principal developments in the literature of the United States expressive of the American mind and the American experience from Colonial times to the present. Offered every year.

ENG 218 Advanced Writing

Three Credits LA

Study of, and guided practice in, the written presentation of ideas. Formal expository and persuasive patterns from five different disciplines will be analyzed and critiqued; examples range historically from Machiavelli to T.S. Eliot. There will also be instruction and practice in the special conventions of research writing.

ENG 219 Rise of the American Novel

Three Credits LA

Examines the search for an "American" voice in the 18th and 19th Centuries. Through writers such as Cooper, Poe, Hawthorne, Melville, Twain, Stowe and Crane, it probes the implications of sudden freedom for the human mind, while approaching such national concerns as utopianism, mercantilism, abolition, the emergence of cities and mammonism. Offered at least once every three years.

ENG 220 Modern English and American Poetry

Three Credits LA

Reading and discussion of major English language poets from the beginning of the 20th century to the Second World War, with emphasis on Yeats, Auden, Pound, Eliot, Frost, Stevens and Williams. In addition to the work of individual poets, attention will be given to the nature of poetry; how form and meaning are integrated. Offered at least once in three years.

Prerequisite: ENG 117 or permission of instructor

ENG 221 The Rise of the English Novel

Three Credits LA

A study of the novel form as it originated in the 18th century with DeFoe and Fielding. Major emphasis is placed on the achievements of the 19th century novelists: Jane Austen, Dickens, George Eliot, Emily Bronte and Thomas Hardy. Offered at least once in three years.

ENG 222 The Modern English Novel

Three Credits LA

A study of the major fiction writers in English in the 20th century, including Conrad, Lawrence, Joyce and V. Woolf. Consideration is given to significant post-World War II novelists as well, e.g. Fowles, Amis, Powell. Offered at least once in three years.

ENG 224 Renaissance Literature

Three Credits LA

An intensive reading from the prose and poetry of the Renaissance, exclusive of Shakespeare and the drama. The rise and development of continental and English humanistic thinking are stressed. Offered when there is sufficient student interest.

ENG 225 Experience of Literature II*Three Credits LA*

An introduction, along with ENG 177, to the various forms of literature. As such, the two courses are intended for students who wish to learn techniques of reading and interpreting literature before taking more traditional literature courses. This course will emphasize poetry and the literary essay, with students learning to use research as a tool of literary study. Offered every year.

ENG 240 American Short Fiction*Three Credits LA*

Representative works of 19th century and, particularly, 20th century writers will be read and analyzed to observe the development of short fiction in the United States. Readings will include work by our own immediate contemporaries. Offered at least once in three years.

ENG 242 Contemporary English and American Poetry*Three Credits LA*

A close reading of poets who have come into prominence primarily between the World Wars and down to the present: Thomas, Gunn, Hughes, Lowell, Ginsberg, Plath, etc. Attention is given to developments in form, as well as to attitudes and themes that give significance to the term "contemporary." Offered at least once in three years.

ENG 244 The Contemporary American Novel*Three Credits LA*

A study of the major fictional writers in America in the 20th century including Hemingway, Fitzgerald and Faulkner. Consideration is given to the work of more recent novelists such as Bellow, Barth, Cheever. Offered at least once in three years.

ENG 245 Modern Irish Literature*Three Credits LA*

Reading and discussion of Irish literature written in the English language from the beginning of the Irish Literary Revival (late 19th century) to the present: Yeats to Seamus Heaney, Joyce to John McGahern. Readings include drama, the novel and short story, poetry and non-fiction. Historical developments and cultural background, as these influenced the work and are reflected in it, will also be considered. Offered at least once in three years.

ENG 260 Contemporary French Literature in Translation*Three Credits LA*

Dual listed as FREN 220

A survey of major French authors since 1900. Readings in Baudelaire, Claudel, Peguy, St. John Perse, Proust, Malraux, St. Exupery, Sartre, Camus, Giraudoux, Ionesco, Beckett and Teilhard de Chardin.

ENG 261 Spanish Literature in Translation: The Novel*Three Credits LA*

Dual listed as SPAN 222

See SPAN 222 for course description.

ENG 262 Major Russian Writers I – in Translation*Three Credits LA*

Dual listed as RUSS 220

See RUSS 220 for course description.

ENG 263 Major Russian Writers II – in Translation*Three Credits LA*

Dual listed as RUSS 221

See RUSS 221 for course description.

ENG 264 Latin American Literature in Translation*Three Credits LA*

Dual listed as SPAN 220

See SPAN 220 for course description.

ENG 280 Creative Writing*Three Credits LA*

An eclectic approach to the creative experience, the course allows and encourages the student to try a variety of literary genres in order to understand, from a writer's perspective, the inter-relationships of verse, prose, fiction and drama. Students may even attempt some adaptations—from their own work or the work of another. Offered at least once every three years.

ENG 301-302 History of the English Language I-II*Three Credits each LA*

The development of the language from the Old English period to the present. Offered when there is sufficient student interest.

DESCRIPTION OF COURSES

ENG 310 Workshop in Playwriting

Three Credits LA

This workshop is designed to help the student explore his potential for dramatic writing. He will experiment with shorter and longer forms, from the scene to the full-length play. He will attempt alternatives to realism, and he will be encouraged to discover his personal voice and style. Provision will be made for informal workshop production of selected scenes from student writing. Individual conferences with the instructor will supplement group discussion of the student's work. Offered every two years.

Prerequisite: Completion of Core/LS writing proficiency requirement.

ENG 311 Workshop in Poetry

Three Credits LA

This workshop is designed to help students explore their potential for writing poetry and to heighten their awareness of the imaginative possibilities of language. Students have direct experience in the writing of poetry. They are encouraged to experiment with various forms and modes and to discover their own unique voices. The workshop includes group discussions of students' work, individual conferences with the instructor and occasional visits by professional poets. Students will be encouraged to submit their work to campus and off-campus publications. The only prerequisite for this course is a serious desire to explore one's creative potential. Offered every two years.

Prerequisite: Completion of Core/LS writing proficiency requirement.

ENG 312 Workshop in Technical and Professional Writing

Three Credits LA

Practice in various written forms appropriate to the needs of business and industry, including: the memo, the newsletter, modes of print advertising, personnel evaluation, business reports. Practice in technical writing will include: giving instructions, explaining how something works, integrating written and graphic forms. The workshop will include group discussions of students' work, individual conferences with the instructor. Occasional visits by business and technical writers. Offered every two years.

Prerequisite: Completion of Core/LS writing proficiency requirement.

ENG 320-321 The Rise and Development of the English Drama

Three Credits each LA

Dual listed as COMM 355-356

The development of the drama in England, excluding Shakespeare, from its origin in the liturgy of the Medieval Church to the present. Offered at least once in three years.

ENG 322 Journalism

Three Credits LA

Dual listed COMM 324

See COMM 324 for course description.

ENG 324 Chaucer

Three Credits LA

A detailed examination of the love visions, the *Troilus and Criseyde*, and the *Canterbury Tales*. Offered at least once in three years.

ENG 325 Shakespeare

Three Credits LA

Dual listed as COMM 450

A study of Shakespeare's art and development through a reading of representative comedies, histories and tragedies. Offered every two years.

ENG 327 Writing for Radio and Television

Three Credits LA

Dual listed as COMM 327

See COMM 327 for course description.

ENG 340 American Drama 1915-1945

Three Credits LA

Dual listed as COMM 352

This course endeavors to acquaint the student with the tradition of dramatic literature and theatrical innovation in America between 1915 and 1945. Particular emphasis will be upon the contributions of O'Neill, Rice, Anderson, Sherwood, Odets, Wilder, Barry and Hellman. Written and oral presentations will be stressed. Offered at least once in three years.

ENG 341 American Drama 1945-Present*Three Credits LA*

Dual listed as COMM 353

A study of plays and other theatrical phenomena in America since World War II. Concentration will be upon the works of Williams, Miller, Inge, MacLeish, Albee and Simon. Textual analysis and laboratory presentations will be emphasized. Offered at least once in three years.

ENG 360 The Ancient World and Its**Traditions: Greek and Hebraic***Three Credits LA*

A study of the contributions of the Ancient World to the Western literary and intellectual tradition. The principal topics include Greek myth and religion; selections from the Old Testament; Greek epic (Homer); and Greek tragedy (the major plays of Aeschylus, Sophocles and Euripides). Offered every two years.

ENG 361 The Ancient World and Its**Traditions: Rome, the Origins of Christianity, and Early Medieval Period***Three Credits LA*

A study of the Roman mind and spirit as evidenced in Cicero, Virgil, Lucretius, Horace, Ovid and the elegiac poets. Selections from the New Testament are examined. The reading selections illustrate how the classical tradition was both absorbed and transformed by the early Christian writers, especially Augustine and Boethius. Offered every two years.

ENG 362 The Twentieth Century European Novel*Three Credits LA*

A general survey of the development of the novel in contemporary Europe. Offered when there is sufficient student interest.

ENG 363 Twentieth Century European Drama*Three Credits LA*

Dual listed as COMM 354

A general survey of the development of drama in contemporary Europe. Offered when there is sufficient student interest.

ENG 364 Dostoevsky*Three Credits LA*

Dual listed as RUSS 320

See RUSS 320 for course description.

ENG 365 Tolstoy*Three Credits LA*

Dual listed as RUSS 321

See RUSS 321 for course description.

ENG 392 Special Topics in English*Three Credits LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered annually.

Prerequisite: Permission of Divisional Chairperson required.

ENG 401 History of Literary Criticism I*Three Credits LA*

Readings in the principal creative literary theorists from the Ancient Greeks and Romans to the close of the Classical Tradition in 1798. Included are selections from Plato, Aristotle, Horace and Longinus from Greece and Rome; Sidney, Jonson, Corneille and Milton to illustrate the classicism of the Renaissance; Dryden, Pope and Addison present the Neoclassical statement of the Eighteenth Century; and Johnson, Goldsmith and Reynolds point up the end of the Classical Tradition. Finally, Wordsworth and Coleridge are examined to show the direction critical theory took in the Age of Romanticism. Offered every two years.

DESCRIPTION OF COURSES

ENG 402 History of Literary Criticism II

Three Credits LA

A seminar in the study and practice of the major forms of literary interpretation from Arnold through Sainte-Beuve, Taine, T.S. Eliot and the New Critics, to Northrop Frye, Structuralism, Semiotics and the contemporary Hermeneutics of Gadamer, Barthes, Bachelard and Derrida. Offered when there is sufficient student interest.

ENG 403 Readings in Comparative Literature

Three Credits LA

Courses convene periodically in informal session to discuss a work in a given designated topic area (e.g. ENG 424—Readings in English Literature—Carlyle's *Sartor Resartus*, J.S. Mill's *Autobiography*, Newman's *Apologia*, etc.). Generally the instructor formulates and advertises topics and readings prior to registration; in cases where the size of the interested group makes it practicable, students themselves might formulate readings beforehand. Offered when there is sufficient student interest.

Permission of instructor required.

ENG 404 Independent Research: Comparative Literature

Three Credits LA

Offered upon request.

Permission of instructor required.

ENG 405 Seminar in Comparative Literature

Three Credits LA

Each of these seminars will focus on a relatively circumscribed area of inquiry—a literary problem, figure or set of figures, a topic, etc. The seminar will require some student-led discussion and a mature piece of independent research. Offered when there is sufficient student interest.

Permission of instructor required.

ENG 420 Medieval Literature

Three Credits LA

English literature from the Old English period to the establishment of printing, exclusive of Chaucer. Emphasis is placed on *Beowulf*, the romance, themes in lyric poetry and the development of prose. Offered when there is sufficient student interest.

ENG 421 The English Romantics

Three Credits LA

Poetry of the Romantic Movement with emphasis on the major works of Wordsworth, Coleridge, Byron, Shelley and Keats. Offered at least once in three years.

ENG 422 The Great Victorians

Three Credits LA

Poetry and poetics of the Victorian Age with special emphasis on the major works of Tennyson, Browning, Arnold, Rossetti and Pater. Offered when there is sufficient student interest.

ENG 423 Seventeenth Century Literature

Three Credits LA

A detailed examination of metaphysical and classical poetry, the principal prose stylists, Milton and Dryden, and the poetry of the Court Wits. Offered at least once in three years.

ENG 424-425 The Age of Satire and the Age of Sensibility

Three Credits each LA

A close examination of the major works of Pope, Swift, Gray, Johnson and the pre-Romantics, especially Burns and Blake. Tendencies in literary theory are studied. Offered at least once in three years.

ENG 426 Advanced Journalism

Three Credits LA

Dual listed as COMM 424

See COMM 424 for course description.

ENG 427 Seminar in English Literature

Three Credits LA

Offered when there is sufficient student interest.

Permission of instructor required.

ENG 428 Readings in English Literature

Three Credits LA

Offered when there is sufficient student interest.

Permission of instructor required.

ENG 429 Independent Research: English Literature*Three Credits LA*

Offered upon request.

Permission of instructor required.

ENG 441 Readings in American Literature*Three Credits*

Offered when there is sufficient student interest.

Permission of instructor required.

ENG 442 Independent Research: American Literature*Three Credits LA*

Offered upon request.

Permission of instructor required.

ENG 443 Seminar in American Literature*Three Credits LA*

Offered when there is sufficient student interest.

Permission of instructor required.

ENG 470 The Jewish Literary Genius in the Modern Period*Three Credits LA*

The focus is on a number of outstanding fiction writers in Europe and America in the 19th and 20th centuries who have drawn upon Jewish traditions and values—I.L. Peretz, Sholem Aleichem, Bachel, Bellow, Malamud, Wallant, Roth, Singer, Wiesel. What common themes, attitudes, values and methods are discernible in their works? Why the widespread appeal of their works in our time? What is the special contribution of these writers to World Literature? Offered every two years.

ENG 471 The Hebrew Bible as Literary Classic*Three Credits LA*

This course examines the range and variety of literary forms contained in the Bible. It seeks to identify those qualities, stylistic and conceptual, which unify this collection of ancient Hebrew writings, as well as those qualities which have made the Bible an all-time best seller. Attention will be given to the historical and cultural background, but the emphasis will be upon literary and aesthetic considerations. Offered every two years.

ENG 473 Literature of the Holocaust*Three Credits LA*

The focus is on significant works of modern literature in fiction, drama, poetry and autobiography which present the Nazi Holocaust as the experience of individuals: victims, perpetrators, bystanders. Themes, motifs and images in these works will be considered, along with fundamental questions raised about man and human life. The readings should offer a deeper understanding of a uniquely tragic event of our century, one which has influenced the lives of all of us. Offered every two years.

ENG 477 Capping Course

A capping course required for all Senior English majors. To be developed and offered 1988–89.

ENG 480 Workshop in Non-Fiction*Three Credits LA*

Study of, and guided practice in, a variety of contemporary non-fictional forms and modes: e.g. the feature article and familiar essay; satirical and humorous writing, autobiography. More extended attention to rhetorical considerations of style, tone, and *persona* or voice. Offered every two years.

Prerequisite: Completion of Core/LS writing requirement.

ENG 482 Workshop in Fiction I*Three Credits LA*

The student is given the freedom to explore his potential in the writing of short fiction. Course includes workshop sessions, discussion of student work and readings on the craft of fiction. Offered every two years.

Prerequisite: Completion of Core/LS writing requirement.

ENG 483 Workshop in Fiction II*Three Credits LA*

A continuation of Writing Prose Fiction I. The student is encouraged to experiment with forms not attempted in the previous semester. Some analysis of professional writing in various stages of composition. Open to students who have not taken ENG 482. Offered every two years.

Permission of instructor required.

DESCRIPTION OF COURSES

ENG 490 Independent Writing Project

Three Credits LA

This faculty-supervised experience is available on a limited basis to students who wish to pursue an original writing project independently in an area not covered by a course in a given semester. The Independent Writing project also makes it possible for a student who has taken one of the workshop courses to gain further practice in that particular area of writing. The student submits a written proposal. If accepted by a member of the English faculty, the student writes regularly under supervision and submits his work periodically for criticism. A substantial amount of written work is expected.

ENG 497-498-499 The Internship in Writing

Three-Six-Nine Credits

The internship in writing is highly recommended for seniors who have distinguished themselves in the Writing concentration. The student is placed with a local organization: an advertising firm, a newspaper or magazine, a public relations department of some business or institution. Each intern has an on-site supervisor as well as a faculty supervisor on campus.

Permission of internship director required.

ENVIRONMENTAL SCIENCE 32

ENSC 101 Introduction to Environmental Issues

Three Credits LA

An introductory course investigating three major areas: natural systems, man's adverse impacts on these systems and how man deals with these impacts. The course includes a detailed exploration of such issues as human population dynamics and control, food resources and world hunger, land use, non-renewable resources, water and energy resources, and waterborne and airborne pollutants. The course culminates in a study of the politics, economics and ethics of environmental control. Offered every Fall.

ENSC 201 Population and World Resources

Three Credits LA

A study of the mineral and food resources of the world, with application to the location and development of industries and to the distribution of mankind. Emphasis is placed on the depletion of the world's known (or proven) sources of minerals, methods of conservation and the future of mineral activity. Similar emphasis is directed toward the world's food supply and how it relates to the distribution and explosion of the world's population. Offered on alternate years.

ENSC 210 Introduction to Geology

Three Credits LA

A study of earth formation and physical and historical geology. Special attention is given to geomorphology. Other topics include the historical geology of the New York region and the study of rock and mineral specimens. Offered on alternate years.

ENSC 211 Weather and Climate

Two Credits LA

An intensive study of the elements of weather production. Topics to be discussed are: the relationship between the Earth and the Sun; the significance of the Earth's atmosphere; wind systems; the Coriolis Effect; air masses and frontal systems; the formation of precipitation; and the importance of ocean currents and topography on weather. Climate, the overall result of weather, will be studied as to its classification and its effect on the Earth's environment and human activity. Offered on alternate years.

ENSC 212 Soil Science

One Credit LA

A study of soils with emphasis on the geological and geographical viewpoints. Major topics are: factors of soil production (parent material, climate, vegetation, slope and time); the development of soil horizons and the profile; soil analysis and measurement techniques; and methods of soil classification. Offered on alternate years.

ENSC 310 Environmental Chemistry*Three Credits LA*

This course includes detailed coverage of the major anthropogenic pollutants and these effects upon ecosystems and individual organisms, including man. It is designed to provide the student with an understanding of the underlying chemistry occurring during the production, dissipation and reception of waterborne, airborne and landbased pollutants.

Offered biennially—Fall semester.

Prerequisite: CHEM 111-112, 113-114

ENSC 311 Instrumental Environmental Chemistry Laboratory*Two Credits LA*

A laboratory course designed to provide the student with experiences using the standard instrumentation employed in the inventory of various types of airborne and waterborne pollutants. The instruments include pH, oxygen and salinity meters, U.V.—visible spectrophotometer, atomic absorption, spectrophotometer and gas chromatograph.

Offered biennially—Spring semester.

Prerequisite: CHEM 111-112, CHEM 113-114

ENSC 320 Cartography*Three Credits LA*

The study of mapping. Topics include: map measurement, direction and computation of position; map projections; how maps are made and utilized; types of maps; the representation of relief; and the graphical presentation of topical data. This course involves extensive laboratory exercises under close instructional supervision. A major segment of the course is given over to a map-project oriented to the student's major field of interest. Offered on alternate years.

Prerequisite: Priority to Environmental Science majors. Lower classmen and all non-majors must have permission of instructor.

ENSC 401-402 Special Topics in Environmental Science I-II*Three Credits each LA*

These courses provide an upper level experience for Environmental Science majors, and deal with specialized areas such as environmental management and regulation, the politics of environmental control, environmental planning, etc. The instructor determines the one topic that will be explored during the semester. The topic will be announced before registration. Offered annually.

Three hours per week. Two semesters.

Prerequisite: ENSC 101 or permission of the instructor

ENSC 477 Science, Medicine and Ethics*Three Credits LA*

Dual listed as BIO 477

This is the capping course in Environmental Science. The course addresses the moral implications of some of the recent advances in science and medicine. Major ethical approaches to making responsible decisions are explained by the case study method.

Prerequisite: Recommended for seniors or permission of instructor.

FASHION DESIGN AND MERCHANDISING 33**FDM 101 Fundamentals of Art and Design I***Three Credits*

See ART 101 for course description.

FDM 122 Textile for Fashion*Three Credits*

In this course, textiles are approached from a general view of fundamental terminology associated with the four concepts of service—ability, comfort, care and aesthetic appearance. The fashion student studies the development of the piece-goods from the smallest elements of the textile components—the fiber—through to the yarn and fabrication stage including finishing, color, shrinkage, texturing, design and care of fabric. (Three hours a week.) Offered every Fall.

DESCRIPTION OF COURSES

FDM 124 Fashion Drawings and Color

Three Credits

An anatomical and physiological approach to the drawing of the human figure in fashion. Exercises to develop a flair of line in drawing of fabrics, silhouettes, proportions, details from "visage" to trimmings are enhanced by means of learning depth (perspective), volume (mass) and motion in various media. Color harmonies and color discovery are found in the phenomenon of light and perception that enables the student's work to be unique and outstanding. The student is encouraged to explore an individual stylization once skills have been established. Enrollment is limited and permission of instructor is required. (Four hours a week, plus two hours arranged.) Offered every year.

FDM 127 Graphics for Fashion

Two Credits

An introduction to the history, methods and current usage of a variety of techniques of applied design, including needle arts as well as painted, stamped and stenciled design. An overview of textile design for industrial application, as well as examination of current industrial printing and stitching methods.

Fashion Design majors only

FDM 129 Fashion Construction I

Two Credits

An introduction to the basic techniques necessary to all garment construction. Emphasis will be placed on pattern layout and cutting, basic seam finishes and hand stitching, and the construction of basic garment elements, such as collars and sleeves.

Fashion Design majors only.

FDM 130-131 Fashion Design/Wholesale Merchandising I-II

Three Credits each

A survey of major designers, past and present, American and foreign. Techniques used to promote creativity and innovation in the fashion design industry; the principles of the fashion figure in proportion and action, using color, line, balance and texture as guides to creativity; the history of fashion, fashion design based on historical periods; fashion principles from concept to consumer; techniques used by the designer, wholesaler and manufacturer to merchandise a fashion product. Basic elements of fabrics, furs, accessories, promotion. Offered every year.

Prerequisite: FDM 130 or permission of Director

FDM 139 Fashion Construction II

Two Credits

Continuation of FDM 129, with emphasis on more advanced techniques, including pattern fitting and alteration, working with plaids and stripes, pleats and tucks, linings. Two completed garments will be required.

Fashion Design majors only

FDM 224 Working Sketch & Illustration

Three Credits

This course emphasizes the development of essential techniques of the working sketch and illustration, resulting in the fluency of a personal style and individual development necessary to fashion design, merchandising, commercial art, and related fields of interest. The working sketch as well as fashion illustration are the shorthand tools and proficiencies needed in fashion professions. Individual approaches further skills of students desiring concentration in the fashion media. Enrollment is limited and permission of the instructor is required. (Four hours plus two hours arranged per week.) Offered every Spring.

FDM 230-231 Fashion Design/Wholesale Merchandising III-IV*Four Credits each*

Fashion design development, modeling, retail/wholesale "workshops," sketching the fashion figure. The principles of original designs are advanced; analysis of professions such as advertising, publishing, copywriting, fashion reporting and fashion forecasting are researched. In addition, students learn the principles of light, sound and fashion staging for TV and runway fashion shows.

Prerequisite: FDM 130, 131 or permission of Director

FDM 251 Fashion Patternmaking*Two Credits*

The principles of flat pattern design are taught. Through lecture and demonstration the student learns to draft basic patterns from body measurements; learns the "pivoting" and "slash and spread" methods to create a variety of basic patterns and original designs emphasizing professional standards and procedures. This course will enable the student to: (1) draft and develop basic slopers from body measurements; (2) create original designs using basic slopers; (3) develop the ability to visualize design problems and solve them through flat pattern techniques; (4) use creative/technical styling to develop design skills and (5) develop an awareness of the relationship of human anatomy to clothing shape and comfort. (Two hours and 40 minutes per week.) Offered every Fall.

FDM 261 Advanced Fashion Patternmaking*Two Credits*

After a brief review of the basic principles and skills learned in Fashion Patternmaking FDM 251, the student will proceed to more advanced techniques and applications of patternmaking. Through lecture and demonstration the students learn to draft the basic pants pattern from body measurements. The student further develops an awareness of how the pattern must relate to human anatomy for good fit and comfort. This course will enable the student to: (1) develop, in a more advanced fashion, a refined technical understanding of slopers to achieve quality and efficiency in flat pattern; (2) refine and improve the ability to visualize complicated design problems and solve them through flat pattern technique and (3) draft a professional first pattern for a sample garment. (Two hours 40 minutes a week). Offered every Spring.

FDM 310 Fashion Retail Merchandising*Two Credits*

This course is a fundamental one to acquaint the student with the life of a buyer, the responsibilities of making evaluations and maintaining standards, plus the many daily activities requiring decisions that cannot be solved by any one answer. Stress will be placed on the students to evaluate and to be proficient in the planning and carrying out of buying and selling, following the flow of merchandise from manufacturer/vendor into the store and ultimate purchase by the consumer. The student will learn through readings, practice assignments, and class discussion/instruction the evolving nature and role of ethics in the merchandising/consumerism relationships of contemporary society, and store management. (Two hours and 40 minutes per week.) Offered every Fall.

FDM 355 Fashion Model Drawing*One Credit*

The student will learn to appreciate through practice how fashion model drawing differs from regular descriptive drawing. The live model is studied and drawn. This course teaches the student to express the fashion figure from a real person. Emphasis is placed on basic anatomy, the transposition of actual body proportions into fashion body proportions, gesture and body movement, understanding folds and stress points. Ultimately the student will be concentrating on the fashion silhouette. (Two hours a week.) Offered every Fall.

DESCRIPTION OF COURSES

FDM 360 Advanced Fashion Retail Merchandising

Two Credits

This course is a continuation of Fashion Retail Merchandising I with an emphasis on strategy and tactics of fashion advertising and sales promotion. Practical and theoretical aspects of fashion merchandising will be covered through class lectures, student projects and personal field trips. This course is for Fashion majors or students with permission of the Fashion director.

FDM 364 Fashion Publications and Layouts

Three Credits

A comprehensive utilization of methods used in fashion publications. Emphasis is placed on creativity and skills demonstrated in various media for new desired effects. This commercial art form includes design, graphics, visual documentation and layouts. Vigorous significance is placed on illustrative, photographic and lettering innovations to stimulate montage effects or simplified images in airy space stylizations. The aim of this course is a meticulous anthology of devices used to attract sales, boost circulation and prepare the student for fashion publication careers. Offered every year.

FDM 365 Fashion Draping

Two Credits each

This course focuses on a concentrated area of fashion draping. Students learn the basic principles of the technical and aesthetic methods of draping on the dress form through lectures and demonstration. Stress will be placed on proportion and balance principles, historic costume aesthetics, current and behavioral modes of fit. Three-dimensional form of design evolves from a sketch. The interpretation of design problems is taught through systematic basic draping skills. This course will enable the student to: (1) understand fit, grainlines and drapability of fabrics to create designs; (2) develop the ability to visualize design problems and solve them through the draping method and (3) create original designs and styles from fabric. (Two hours 40 minutes a week.) Offered every Fall.

FDM 390-391-393 Special Topics in Fashion Design I-II-III

One-Two-Three-Credits

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered annually.

FDM 395-396 Internship

One-Two Credits

FDM 397-398-399 Internship

Three-Six-Nine Credits

The BPS majors are offered the opportunity to elect preprofessional internships in the fashion field. On-the-job training is highly recommended for juniors and seniors who have distinguished themselves in the Fashion Design Courses. Each intern has an on-site supervisor as well as a faculty supervisor on campus. Allowable credits are determined by the program director.

Prerequisite: Permission of the Fashion Design and Merchandising Director

FDM 455 Advanced Fashion Model Drawing

One Credit

This advanced course focuses on techniques used to draw the live fashion model in action or posed. The theories of color, texture, proportion and balance will be utilized as the student masters the concepts and principles of drawing the fashion model. Emphasis is placed on an understanding of anatomy in this course. The reversal theories of light and dark, as an historical technique, will be taught. Using these new concepts a concentration of faces, hands and feet will be stressed. Experimentation with various types of renderings, textures and papers, and acquiring the ability to conceptualize and draw fashion accessories, fabrics and furs in a professional manner will be accented. (Two hours per week.) Offered every Spring.

FDM 460 Fashion Writing and Drawn Editorials*Three Credits*

Words and images, robust or fragile, are of major significance in this course that says it all in advertisements and editorials. The study of fashion terminology and the functional relationship between fashion language and consumer acceptance is stressed as are the dynamics of space-planning through aesthetic/pragmatic methodology, as required by the industry. This total approach is enhanced through personal research culminating in a professional presentation by the student of visual accomplishments through material (slides or a portfolio of work). Offered every year.

FDM 465 Advanced Fashion Draping*Two Credits*

Instruction and guided practice in advanced fashion draping with a focus on sportswear coordinates as well as on evening wear, on daytime dresses and on the assimilation of the conventions of standard professional technique. This course consists of soft bias draping projects, including the bias cowl, dolman sleeve, peg skirt and the princess dress, all based on knowledge mastered in Fashion Draping 365. This course will enable the student to (1) utilize basic draping principles and apply them to more complex and creative draping projects; (2) experiment with different fabric constructions to achieve design variations; (3) become more familiar with a variety of fabrics and methods used in the industry; and (4) trace the use of fabric, form and language of clothes in historic design. (Two hours 40 minutes a week.) Offered every Spring.

FDM 497-498-499 Advanced Internship*Three-Six-Nine Credits*

The BPS majors are offered the opportunity to elect preprofessional internships in the fashion field. On-the-job training is highly recommended for seniors who have distinguished themselves in the Fashion Design Courses. The student may intern in such diverse local and New York City organizations: a designer firm, a fashion manufacturer, a textile company, a retail operation, a fashion coordinating/merchandising department or illustrative area of some fashion periodical or store. Each intern has an on-site supervisor as well as a faculty supervisor on campus. Allowable credits are determined by the program director.

Prerequisite: Permission of the Director

FINE ART 08

Note: All studio courses meet for a lab and lecture combination. A total of four contact hours is required for all studio courses. Each student is also required to put in two hours per week in an open studio.

ART 101 Fundamentals of Art and Design I*Three Credits*

This course will stress an awareness of visual order on a two-dimensional surface and explore the basic elements and organization of form through design concepts. This course assumes no previous experience. Offered every semester.

ART 105 Basic Sculpture*Three Credits*

This course will introduce the student to ideas and materials that will facilitate his or her response to three-dimensional forms. The course will stress traditional concepts of carving, modeling and constructing as well as possibilities of more contemporary modes of expression. Assumes no previous experience.

ART 125 Arts and Values*Three Credits LA*

This course familiarizes the student with a wide variety of visual experiences. It covers both two-dimensional and three-dimensional forms such as sculpture, painting, mixed media and intermedia. Relationships and contrasts will be connected to other creative expression such as music, theater, film and architecture. The student will be aware of aesthetic criteria for making critical judgements regarding creative expression. Offered every semester.

NOTE: ART 125 is not applicable to a major in Fine Arts, but may be used to fulfill a minor or concentration in Fine Arts.

ART 140 Photography I*Three Credits LA*

The creative aspects of photography as a medium of expression will be explored. Emphasis is on the use of photography as an art form. The theory and practice of black and white photography and the use of contemporary materials and processing techniques will be pursued. No previous experience is assumed.

DESCRIPTION OF COURSES

ART 160 Art History I

Three Credits LA

This course will study the history of art from the pyramids of Ancient Egypt to the cathedrals of medieval Europe with an emphasis on the relationship between art and society.

ART 201 Fundamentals of Art and Design II

Three Credits

This course builds upon the experiences gained in Design I and will explore color, form, space and texture through advanced design concepts and experiments in various media. Offered every Spring.

Prerequisite: ART 101

ART 205 Intermediate Sculpture

Three Credits

A continuation of Basic Sculpture. The student is required to explore problems of far greater complexity in terms of both technical and personal involvement.

Prerequisite: ART 105

ART 207 Basic Printmaking

Three Credits

This course introduces the student to basic principles in printmaking. Individual instruction directed toward each student's development of a strong, personal statement in monoprints, woodcuts and linocuts.

ART 208 Basic Drawing

Three Credits

A course designed to introduce the student to the basic concepts, materials and techniques of drawing. This course assumes no previous experience. Offered every semester.

ART 209 Basic Painting

Three Credits

This course explores the basic concepts, materials and techniques of painting through the use of traditional and contemporary subject matter. This course assumes no previous experience in painting. Offered every semester.

ART 240 Intermediate Photography

Three Credits

An extension of Photography I. Various manipulative techniques in taking pictures and in processing photographs will be explored. Portraiture, color theory and color photography will be examined.

Prerequisite: ART 140

ART 308 Intermediate Drawing

Three Credits

This course builds upon the experience gained in Basic Drawing. Concentration on the expressive range of drawing concepts in a variety of media and techniques. Offered every semester.

Prerequisite: ART 208

ART 309 Intermediate Painting

Three Credits

This course is a continuation of Basic Painting. Emphasis is on the development of each student's individual expression of form and color. Students will gain an awareness of the growth and range of painting in the 20th century. Offered every semester.

Prerequisite: ART 209

ART 340 Cinematography

Three Credits LA

Dual listed as Comm 328

See COMM 328 for course description.

ART 345 Photojournalism

Three Credits LA

Dual listed as COMM 329

See COMM 329 for course description.

ART 360 Art History II

Three Credits LA

This course will study the history of art from the Renaissance to the early 20th century. Offered every Spring.

Prerequisite: ART 160

ART 362 Art and Science/Technology*Three Credits LA*

This course will consider the relationship between art and science and technology from the end of the 19th century to the present. Among the topics to be investigated are: the influences of machinery, including the computer and the camera; theories of color theory; and psychoanalysis on art, as well as the impact of modern art on applied design and architecture. Offered every other Spring.

Prerequisite: Permission of the instructor

ART 363 History of American Art*Three Credits LA*

This course will study the evolution of the art of America from the early "limners" of the colonial period to the internationalism of contemporary artists. Offered each Fall.

ART 365 History of 19th Century Art*Three Credits LA*

This course will examine the movements of the 19th century from the Neo-Classicism of David to the Post-Impressionism of Cezanne, Seurat, Gauguin and Van Gogh. Offered every Fall.

Prerequisite: ART 360

ART 366 History of 20th Century Art*Three Credits LA*

This course will trace the development of modern art from Cubism and Fauvism to Conceptual Art. Some of the major movements to be studied include German Expressionism, Italian Futurism, Russian Constructivism, Dada and Surrealism, Abstract Expressionism and Pop Art. Offered every Spring.

Prerequisite: ART 360

ART 391-392-393 Special Topics in Art I, II, III*One-Two-Three Credits LA*

These numbers are used by the department to experiment with new course offerings. These numbers are not to be used in place of the Advanced Art course. The permission of the instructor and the Chairperson is required.

ART 401-402 Advanced Painting I & II*Three Credits each***ART 408-409 Advanced Drawing I & II***Three Credits each***ART 410-411 Advanced Printmaking I & II***Three Credits each***ART 412-413 Advanced Sculpture I & II***Three Credits each***ART 440 Advanced Photography***Three Credits*

The 400 level courses listed above are designed to give the student the opportunity to explore, in depth, themes, images and concepts developed in lower division studio courses. The student can select a single medium of specialization and an individual instructor or combine mediums and/or instructors to expand his/her creative potential.

Class meetings are arranged with the individual instructor, offering the freedom to think, to work and to develop in an unstructured yet tutored environment.

ART 477 Capping Course

A capping course required for all Senior Fine Arts majors. To be developed and offered 1988-89.

FRENCH 34**FREN 101-102 Elementary French I-II***Three Credits each LA*

The elements of basic French pronunciation, essentials of grammar, vocabulary building, original sentence construction. Reading for meaning. Offered annually.

FREN 105-106 Intermediate French I-II*Three Credits each LA*

The elements of basic French are pursued more intensely and thoroughly. Offered annually.

FREN 167 France Today: Land, People and Culture*Three Credits LA*

The Civilization of France from its origins at Lascaux to the present and foreseeable future, viewed in its political, social, religious, intellectual and artistic manifestations. Offered every Spring.

DESCRIPTION OF COURSES

FREN 201-202 Advanced French I-II

Three Credits each LA

Intensive review of grammar followed by an analysis of more complex grammatical phenomena through the study of literary texts. Extensive use of idiomatic French in conversation and composition. Offered annually.

FREN 220 Contemporary French Literature in Translation

Three Credits LA

Dual listed as ENG 260

A survey of major French authors since 1900. Readings in Baudelaire, Claudel, Peguy, St. John Perse, Proust, Malraux, St. Exupery, Sartre, Camus, Giraudoux, Ionesco, Beckett and Teilhard de Chardin. Offered when there is sufficient student interest.

FREN 225-226 Phonetics and Oral Interpretation I-II

Three Credits each LA

Public reading of French prose and poetry, with background work in phonetic transcription and in dictation. The course stresses accuracy of pronunciation and intonation. All work is conducted in French. Offered annually in France.

FREN 250 Backgrounds of French Civilization

Three Credits LA

The geography of France. The characteristic developments in French history, government, art, science and religion up to 1815. Offered every Fall.

FREN 251 Contemporary French Civilization

Three Credits LA

Considerations of French family, religious, educational, political and social life since Napoleon. The nature of Frenchmen. The commitments of France today. Offered every Spring.

FREN 301 La France Aujourd'hui

Three Credits LA

Fifteen bi-weekly reaction papers of approximately 750 words each on assigned or personally chosen topics of contemporary France: politics, religion, education, radio, television and film, newspapers and magazines, teenagers, family life, art, etc. Offered annually in Paris.

FREN 310-311 French Grammar and Composition I-II

Three Credits each LA

Thorough grounding in French grammar. *Analyse logique et grammaticale*. Grammatical analysis of literary texts. Writing by imitation. The *explication de texte*, the *dissertation*. Creative writing. Translation. Courses alternate annually with FREN 312-313.

FREN 312-313 Advanced Reading and Conversation I-II

Three Credits each LA

Reading of modern literary texts, newspapers and magazines as a basis for discussion. Free conversation based on topics of daily life and cultural interests. Courses alternate annually with FREN 310-311.

FREN 327 French Classical Literature

Three Credits LA

A study of French literature in the 17th century. Reading and analysis of Corneille, Racine, Moliere, Descartes, Pascal; La Fontaine, Boileau, LaRoche-foucauld, LaBruyere, Bossuet. Offered annually in France; on campus when needed.

FREN 328 French Neo-classical Literature

Three Credits LA

A study of French literature in the 18th century. Reading and analysis of Marivaux, Beaumarchais; Montesquieu, Diderot, Voltaire, Rousseau, LeSage, Prevost, Chénier, *la littérature libertine*. Offered annually in France; on campus when needed.

FREN 329 Nineteenth Century French Literature

Three Credits LA

A study of 19th century French Literature tracing the development of each genre (Novel, Poetry, Drama) from Romanticism through Realism and Naturalism, up to the Parnassian and the Symbolist Movement, through its most representative writers like Balzac, Flaubert, Zola, Victor Hugo, Leconte de Lisle, Baudelaire, Mallarmé, etc. Historical, social and economic background of the period studied in relevance to the works is also stressed. Offered every Fall.

FREN 330 Twentieth Century**French Literature***Three Credits LA*

A study of the main currents of literature and thought in 20th century France through its most representative writers in the field of fiction, poetry and drama: Proust, Gide, Mauriac, Camus, Sartre and the Existentialists, Claudel, Peguy and the Surrealists, St. John Perse, Rene Char, Beckett, Ionesco and the Theater of the Absurd. Offered every Spring.

FREN 392-393 Special Topics I-II*Three Credits each LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every semester

Prerequisite: Permission of Divisional Chairperson.

FREN 394-395 Internship in French*One to Six Credits*

Qualifying students engage in work experience with various companies or agencies. Work performed, assigned readings, and a seminar project (for three or more credits) constitute the basis of the experience. Number of credits is determined beforehand by mutual agreement. Offered every semester, intersession and summer.

Prerequisite: FREN 202 and 250; permission of faculty coordinator

FREN 410-411 Grammaire: Perf I, II*Three Credits each LA*

The fine points of French grammar explained and drilled in preparation for the Diplôme de L'Université de Paris. Offered annually in Paris.

FREN 420 French Medieval and Renaissance Literature*Three Credits LA*

A survey of French literature from its origins up to 1600; introductory exposition of the evolution of Vulgar Latin into Old French. Acquaintance in some depth with: *La Chanson de Roland*, Chretien de Troyes, Villon, Rabelais, Ronsard and Montaigne. Offered every Spring.

FREN 477 Capping Course

A capping course required for all Senior French majors. To be developed and offered 1988-89.

FREN 493-494-495 Advanced Internship in French*Nine, Twelve or Fifteen Credits*

Students who have distinguished themselves in French may apply for this internship requiring habitual use of French. Completion of major field requirements, course prerequisites, departmental screening and acceptance by the company or agency are necessary for participation. Work performed, assigned readings and a seminar project constitute the basis of the experience. The student submits weekly reports, is periodically visited by faculty coordinator, and is evaluated at the end of the internship by the sponsoring supervisor. Students may be placed at home or abroad. Number of credits is determined beforehand by mutual agreement. Offered every semester and summer.

Prerequisite: Senior French major or minor; permission of coordinator

GEOGRAPHY 36**GEOG 161 Introduction to Human Geography***Three Credits LA*

This course provides a basic but detailed study of geographic factors that are important in the development of the human experience and resultant established cultures throughout the world. These factors include: the flora and fauna of the world, soil variability, climates, land configurations, ocean currents, mineral resources, etc., and their impact on the distribution and densities of human population and its resultant activities. Offered every semester.

DESCRIPTION OF COURSES

GERMAN 37

GERM 101-102 Elementary German I-II

Three Credits each LA

Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading and writing. Offered annually.

GERM 105-106 Intermediate German I-II

Three Credits each LA

A continuation of the elementary course. The basic language skills are pursued more intensively and thoroughly. Offered annually.

Prerequisite: GERM 102 or sufficient background in German

GERM 110-111 Scientific German I-II

Three Credits LA each

Study of methods and techniques in the translation of scientific, technical and scholarly German texts. Grammar and syntax are examined, but only as tools in the process of correctly, precisely rendering printed matter from German into English, with the aid of a technical German-English dictionary. Considerable part of class time is used for sentence analysis and application of theory to practical work in translating. Offered when there is sufficient student interest.

Prerequisite: GERM 106 or sufficient background in German

GERM 201-202 Advanced German I-II

Three Credits each LA

Extensive use of idiomatic German in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language. Offered when there is sufficient student interest.

Prerequisite: GERM 106 or sufficient background in German

GREEK 41

GRK 220 Greek Drama

Three Credits LA

A study of the major works of Aeschylus, Sophocles, Euripides and Aristophanes. The principal sociological, psychological and historical contents of this great literary heritage of classical Greece will be reviewed. Taught in English. Offered at least once in three years.

GRK 222 Greek Mythology

Three Credits LA

A study of classical mythology and its influence on Western literature. Taught in English. Offered at least once in three years.

HISTORY 44

HIST 123 American History I

Three Credits LA

This course traces the evolution of American society from political independence to the Civil War. Particular emphasis is given to the stresses and strains of this formative era. Offered annually.

HIST 124 American History II

Three Credits LA

This course examines the developments from Reconstruction through the emergence of a unified national, political and economic society, appearance as a major international force, and the unfolding of a modern, mass culture in recent times. Offered annually.

HIST 131 The Meaning of History

Three Credits LA

The discipline of history attempts to harness the entire range of human experience with its complexity and fluidity. This course seeks to examine the values inherent in the study of history by confronting problems of research and interpretation. Offered annually.

HIST 135 The Rise of Western Society*Three Credits LA*

An examination of the re-birth of secularism in the West, from the disintegration of Augustine's Christian Commonwealth to contemporary society with its emphasis on human rationality. Topics will include the Renaissance, Enlightenment, Industrial Revolution, modern war and the crises of the late 20th century. REQUIRED OF ALL FRESHMEN.

HIST 140 Medieval Period, the Creation of Europe, 300 A.D.—1300 A.D.*Three Credits LA*

The blending of classical, barbarian and Christian strains to form the first Europe. The development of monastic, feudal, imperial and papal institutions, their conflicts, urbanization, birth of the universities and growth of medieval thought, development of national states, legal systems and English Parliament. Offered annually.

HIST 141 Early Modern European Period 1300–1800: An Age of Expansion and Revolution*Three Credits LA*

Infusion of classical humanism into late medieval culture; Europe discovers and colonizes the Western Hemisphere. A chain of revolutions; religious, scientific, intellectual, agricultural, English, American, French. Offered annually.

HIST 216 Black Political and Social Thought*Three Credits LA*

Dual listed as POSC 216

See POSC 216 for course description.

HIST 225 American Colonial Experience*Three Credits LA*

This course, the first of a three-course sequence in American civilization, has as its focus the pre-revolutionary era. Attention is given to the transportation of European cultures to the New World and the subsequent evolution and modification of these cultures. Particular emphasis is given to the development of a provincial society and the coalescence of the movement for political independence. Offered annually.

HIST 244 Ancient Greece*Three Credits LA*

Growth and conflict of the city states, the development of the Greek mind, the Hellenistic era; concentration is on Athens in the 5th century B.C. Offered biennially.

HIST 247 Ancient Rome*Three Credits LA*

The development of the Roman character, of the Roman Law and other Republican institutions, the rise and fall of the Roman Empire. Offered biennially.

HIST 260 History of Russia: to the Mid-Nineteenth Century*Three Credits LA*

A survey of Russia's historical development from the establishment of Kievan Rus to the reign of Alexander III, with an emphasis on the emergence of Muscovy, reigns of Peter I and Catherine I, and the social and political development of the 19th century. Offered at least triennially.

HIST 261 History of Russia: 1850–1917*Three Credits LA*

This course traces the evolution of Russian history during the reigns of Alexander III and Nicholas II, the Russian Revolution of 1917. Offered at least triennially.

HIST 262 History of the Soviet Union: The Russian Revolution*Three Credits LA*

This course traces Russian revolutionary movements of the latter part of the 19th century; Russian Marxists and Lenin; the Russo-Japanese War; the Revolution of 1905; The Dumas; WWI and Russia; February and October Revolutions; the Civil War; and N.E.P. Offered at least triennially.

HIST 263 History of the Soviet Union: 1921–Present*Three Credits LA*

This course deals with the Five-Year Plans; the Question of the Nationalities, Collectivization and Industrialization; the Structure of the Communist Party of the Soviet Union; Stalin's Purges; WWII, the Cold War; Krushchev and De-Stalinization; the Communist World and the West; Brezhnev and Kosygin. Offered at least triennially.

DESCRIPTION OF COURSES

HIST 268 Asia I

Three Credits LA

This course offers a broad survey of East, South-east, and South Asian civilizations and histories to the late 18th century. Although the course will focus on the interactions of Asian civilizations, some attention will also be given to the coming of the West beginning in the 16th century. Offered biennially.

HIST 269 Asia II

Three Credits LA

This course offers a broad survey of East, South-east, and South Asian civilizations in the 19th and 20th centuries. The effects of imperialism, colonialism, nationalism and revolution on Modern Asia will be central concerns of this course. Offered biennially.

HIST 272 The Ancient East

Three Credits LA

A study of the beginnings of civilized life in the valleys of the Nile, Tigris-Euphrates and Indus. Terminating in the 5th century B.C., the course lays stress on the religious and intellectual contributions of these societies. Offered at least triennially.

HIST 273 History of Latin America: To 1830

Three Credits LA

A study of Latin America up to the early 19th century. This includes the pre-Columbian civilizations, the age of discovery and exploration, the colonial period and the independence movements. Offered biennially.

HIST 274 History of Latin America: From Independence Movements to Present

Three Credits LA

A study of Latin America from the end of the independence movements to the contemporary period. This includes the period of national development in the 19th century and an analysis of certain contemporary issues. Offered biennially.

HIST 305 Research Methods of History

Three Credits LA

Emphasis is placed on the variety and reliability of historical data as well as its analysis and evaluation. Students are expected to develop procedures for the collection of different types of information, including documents, oral interviews, quantitative and computer data. Ability to effectively present a summary of data is assessed. Offered annually.

HIST 311 America Since 1945

Three Credits LA

This course begins with a review of the cumulative influences of the Great Depression, New Deal and World War II on American institutions, values and behaviors. Tracing the effects of these events through the 40's and 50's, attention is given to cold war politics and foreign policies. The sections on the 60's and 70's are focused on themes of black civil rights, women's equality and minority politics. The domestic conflicts over foreign policy (Vietnam) and Presidential behaviors (Watergate) are considered in the context of modern developments.

HIST 312 History of the American Presidency

Three Credits LA

Dual listed as POSC 312

See POSC 312 for course description.

HIST 320 American Diplomatic History

Three Credits LA

Organized along topical lines, this course will focus on the evolution of American foreign policy. Beginning with the principles that were established in the early years of the Republic, the course focuses on "Manifest Destiny," America's rise to world power, the conflict between political isolation and economic internationalism, and American diplomacy in the nuclear age. Offered when there is sufficient study interest.

HIST 321 American Business History

Three Credits LA

This course seeks to develop an understanding of the impact of business on American life. Commencing with the role of the entrepreneur prior to the Civil War, this course will focus on the rise of the "Robber Barons," the role of organization in business, the Great Depression and American entrepreneurial growth since World War II. Offered biennially.

HIST 324 History and Culture of the Mid-Hudson Valley I*Three Credits LA*

A study of the development of the Mid-Hudson Region from pre-Columbus times through the post-Revolutionary War. The relationships of this area to American political, economic and sociological history will be explored. The course will utilize the expertise of acknowledged scholars, field trips to historical sites, readings and extensive use of primary resources. Offered biennially.

HIST 325 History and Culture of the Mid-Hudson Valley II*Three Credits LA*

A study of the development of the Mid-Hudson Region from the age of Jackson through Urban Decay/Renewal. Offered biennially.

HIST 326 History and Architecture of the Hudson Valley*Three Credits LA*

A survey of Hudson Valley architecture from the colonial period to the late 19th century. This course will focus on the artists who created the structural and landscape architecture unique to the Hudson Valley. The course will include field trips, extensive reading and research. Students' evaluations will be based upon a mid-term exam, oral presentation and final research project. Offered biennially.

HIST 330 Emergence of Women in Western Civilization*Three Credits LA*

This course will attempt to trace the development of the female image in the West down to the 19th century. A special emphasis will be placed on the impact of Christianity, the Romantic Movement in the 12th century, the Renaissance and the 19th century. Offered at least triennially.

HIST 331 History of American Feminism*Three Credits LA*

This course will outline the birth and development of the American feminist movement from the end of the Colonial era to the present. Offered at least triennially.

HIST 335 Europe in the Nineteenth Century*Three Credits LA*

The Napoleonic State, the liberal and social movements in England and on the Continent, the Metternich reaction, the Revolutions of 1848, the Bismarkian Era, the Balkan problem. Offered at least triennially.

HIST 336 Europe in the Twentieth Century*Three Credits LA*

The course will consider the main trends in European history from 1914 to the present. Included will be discussions of the Treaty of Versailles, the Great Depression, Fascism, Stalinism, World War II and the Cold War. Offered at least biennially.

HIST 342 Constitutional History of England: To Henry VII*Three Credits LA*

A study of the development of the Laws and Constitution of Britain from the Saxons through the accession of Henry VII. Emphasis will be placed on such Saxon contributions as the Writ, the Reeve, the Witanagemot on Norman and Angevin contributions in the area of Land Law, Courts, the Parliament. Offered triennially.

HIST 343 Constitutional History of England: Henry VII to the Victorian Period*Three Credits LA*

A study of the development of the Laws and Constitution of Britain from the accession of Henry VII through the death of Victoria. Emphasis will be placed on the Tudor reforms, both legal and religious, the confrontation between the Stuarts and the Parliament, the course of development of the Parliament, the Cabinet system from the early Hanoverians through the major reforms of the Victorian era. Offered triennially.

DESCRIPTION OF COURSES

HIST 346 The History and Political Culture of Ireland

Three Credits LA

Dual listed as POSC 241

See POSC 241 for course description.

HIST 347 Irish Experience in America

Three credits LA

A study of the political, economic and social experience of the Irish in America beginning with Pre-Revolutionary War immigration but focusing on the later immigration in the 19th and 20th centuries. Some attention will be given to political, social and economic issues within Ireland which contributed to the patterns of immigration.

HIST 348 French Revolution and Napoleon

Three Credits LA

Traces the French revolution from its causes to its culmination in the dictatorship of Napoleon. Offered biennially.

HIST 349 Modern Germany: Bismarck to Hitler

Three Credits LA

A survey of the attitude of German liberals after the Congress of Vienna and the Revolutions of 1848; their relationship to the power politics of Bismarck and Prussian militarism, Germany and World War I. The Versailles settlement and the problems under the Weimar Republic. Hitler and the roots of the Nazi ideology. Offered biennially.

HIST 360 The Adams Chronicles: 1750-1900

Three Credits LA

This course is a self-paced, independent study course that will explore the substantial influences of four generations of the Adams family in the political, moral and social history of the United States through a flexible program of individual study. There will be no regular class meetings; all study materials will be provided to each student at the beginning of the semester. Working with these materials plus the original video program (available in the Marist College Media Center) students can complete the course at their own pace within the dates of the summer.

Prerequisite: Permission of the instructor

HIST 364 Civil War and Reconstruction

Three Credits LA

A study of America from 1848-1877, emphasizing the causes, the course and the aftermath of the Civil War, with a consideration of the lingering effects of the conflict on American society, North and South. Offered biennially.

HIST 366 The Black American Experience

Three Credits LA

A survey of the black person's involvement with Western Civilization. The basis of black identity is traced through its origins in prehistoric and ancient African civilizations through the era of the slave trade to modern times. Social, economic and psychological implications of historical sequences are examined in black contexts. Readings, lectures, discussions. Offered biennially.

HIST 368 China to 1644

Three Credits LA

This course traces the growth of Chinese civilization and culture from its origins in the Shang Dynasty to the fall of the Ming dynasty. Offered biennially.

HIST 369 China Since 1644

Three Credits LA

This course traces the decline of the traditional Chinese state, the rise of nationalism, radicalism and revolution in the 19th and 20th centuries and the formation of the People's Republic of China after 1949. Offered biennially.

HIST 370 Chinese Intellectual History

Three Credits LA

This course deals with the historical developments of Confucianism, Taoism and Buddhism in China. The focus will be on how they answered the basic questions of life. Offered at least triennially.

Prerequisite: At least one non-Western history course or permission of the instructor

HIST 375 History of Race Relations in Latin America*Three Credits LA*

An examination of relations between white, black and Indian in Latin America; emphasis is placed on the historical evolution of racial attitudes. Focal points will be the question of slavery, both of blacks and Indians, the impact of non-European cultures on Latin civilization, and comparative racial attitudes in the Americas. Offered when there is sufficient student interest.

HIST 392-393-394 Special Topics in History I-II-III*Three Credits each LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered annually.

Prerequisite: Permission of Divisional Chairperson

HIST 412 Regional Studies Summer Institute*Six Credits LA*

The Institute will provide an opportunity for closer investigation of selected topics in Regional History. A research project utilizing the archival materials in the collections of Marist College, F.D. Roosevelt, Clinton House or Adriance Libraries will be required. Selected readings and audio-visual aids will be utilized. Field trips to a number of historic regions will augment classroom discussions. Emphasis will be placed upon original research and its presentation.

Prerequisite: Two courses in American History and/or permission of instructor

HIST 413 F.D.R. Seminar*Three Credits LA*

An intense study of America in the 1930's and 1940's, with emphasis on the emergence of the New Deal: its nature and significance. Attention is also given to the development of F.D.R.: his apprenticeship for the White House; his role as chief administrator, as politician, as diplomat and as commander-in-chief during World War II. Offered biennially.

Prerequisite: At least two courses in American History or permission of instructor

HIST 414 Research Seminar*Three Credits LA*

In seminar and/or tutorial sessions students will become better acquainted with the tools of historical research and the authorities and significant trends of the particular field. A student will be expected to demonstrate his ability to write a well-researched paper. Course is offered based on demand.

Prerequisite: Permission of instructor

HIST 415 Seminar in Historical Preservation*Three Credits LA*

Introduction to the modern historical preservation movement: types of historical preservation; purposes; relationship of preservation to other societal goals; preservation financing and law. Much of the course will consist of field work. Offered when there is sufficient student demand.

Prerequisite: See suggested freshman-sophomore courses listed on concentration outline

HIST 441 The Diplomatic History of Early Modern Europe*Three Credits LA*

A study of the alliances, peace treaties, reversals, etc. through which nations in the developing European state system attempted to deal with international problems from the end of the Thirty Years War to the Congress of Vienna. Offered at least triennially.

HIST 477 Capping Course

A capping course required for all Senior History majors. To be developed and offered 1988-89.

DESCRIPTION OF COURSES

HIST 497-498-499 Public History Internship

Three, Six and Nine Credits

Upon completion of all other requirements for a concentration in Public History, students are eligible for an internship in one of the following areas: Business History (Private Sector), Government (Public Sector), or other Public History area (Archival, not-for-profit, etc.). Interns are required to meet periodically as a group and individually with the Internship Director. Offered every semester.

Prerequisite: Permission of the Internship Director

INTERDISCIPLINARY 50

INTD 105 Personal History and the Educational Experience

Three Credits LA

This course has been designed to enable adult students to reflect upon their life experiences within the context of new educational perspectives and goals. Selected readings in the philosophy of education are geared to issues of personal development in the educational experience, past and present. Through shared reflection and class discussion the students learn how to establish continuity between their past educational histories, formal and informal, and the program of studies they have selected. Class procedures are designed toward the development of collaborative modes of learning. This course is the first core requirement for Integrative Majors.

INTD 109 Seminar I: Self, Story and Culture

Three Credits LA

The quest for meaning and value takes shape as, and is thereafter energized by and sustained by, a *story*. Put simply, we must see ourselves as actors in a significant drama—having come from some place and doing something to get some place. This course will select and organize readings and other relevant materials in literature, psychology, anthropology and the arts to enable students to recognize, criticize and critically re-appropriate this dimension of story in their own personal quests for meaning and value within the contemporary context.

Prerequisite: INTD 105

INTD 111 Computer for Non-Science Students

Three Credits LA

This is a course in the computer suitable for non-science students. The course seeks to foster basic literacy regarding the nature, the value and the non-scientific uses of the microcomputer. Students will be exposed, among other things, to the fundamentals of the language Basic, to word-processing, to text-critiquing and to the potential of the computer for the creation of art and music.

INTD 112 Seminar II: Self, Society and Institutions

Three Credits LA

Self understanding and the quest for personal and professional realization are mediated by a host of social and institutional forms, including the family, social class, the economy, schools and modern governmental and corporate structures. This course will select and organize readings and other relevant materials in sociology, political science and economics to enable students to analyze some contemporary institutional forms and to appreciate the dynamic interaction between such forms and the individual's psychic and moral life.

Prerequisite: INTD 105

INTD 113 Seminar III: Self, Nature and History

Three Credits LA

The adult quest for meaning and value assumes mature form in a grasp of the possibilities of the historical moment. This course will select and organize readings and other relevant materials in history, philosophy and the sciences to bring into focus the responsibilities and possibilities bestowed upon us by a particular configuration of historical circumstance and by the new knowledge generated in one or another branch of scientific inquiry.

Prerequisite: INTD 105

INTD 115 CAP*Three Credits LA*

INTD CAP is intended to provide students with the opportunity to consider significant contemporary issues from integrative interdisciplinary perspectives. The issues need not be limited to public policy issues in scholarship and in the expansion of knowing and the known; the number of themes will be limited to allow depth of consideration.

Prerequisite: PHIL 103, INTD 105, 109, 112, 113

On occasion, the following interdisciplinary course is offered by the department of Sociology and Social Work:

INTD 210 Urban Planning*Three Credits LA*

This course involves opinion formulation and tabulation in areas of poverty, transportation, housing, environment, urban growth and government. The course is interdisciplinary at Marist, involving business, aesthetics, community relations, economics, religion, political science, natural sciences, psychology, etc., and attempts to provide an integrated picture of urban problems and possible solutions. Offered when there is sufficient student interest.

ITALIAN 48**ITAL 101-102 Elementary Italian***Three Credits each LA*

Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading and writing. Offered annually.

ITAL 105-106 Intermediate Italian*Three Credits each LA*

A continuation of the elementary course. The basic language skills are pursued more intensively and thoroughly. Offered annually.

Prerequisite: ITAL 102 or sufficient background in Italian

ITAL 201-202 Advanced Italian I-II*Three Credits each LA*

Extensive use of idiomatic Italian in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language. Offered when there is sufficient student interest.

Prerequisite: ITAL 106 or sufficient background in Italian

ITAL 250 The Civilization of Italy*Three Credits LA*

The main objective of this course is to acquaint the student with the contribution of Italy to Western Civilization with emphasis on Roman, Renaissance and contemporary periods. Offered when there is sufficient student interest.

LIBRARY 54

While the following course, offered by the College library staff, is not a requirement, it is useful for students who need to develop their basic research skills:

LERN 101 Library Research Methods*One Credit LA*

This course is designed to teach the student means of locating subject materials needed for researching and writing of term papers. Basic bibliographical tools and handbooks in the library are examined, and practice in their use is provided. A substantial bibliography on a subject chosen by the student is required. The course lasts five weeks and is usually offered twice each semester.

LERN 103 Learning Theory and Application*One Credit LA*

This course is based on the information processing model of learning. In addition to discussions concerning theory, students will apply each stage directly to an academic situation. Methods of improving attention, motivation and memory will be practiced and applied to specific skills such as listening, notetaking and taking examinations. This course meets once a week for 10 weeks. Designated first semester freshman mandated. Open to all students seeking skills improvement.

DESCRIPTION OF COURSES

LERN 105 College Reading

One Credit LA

This course is designed to develop the critical and inferential reading skills required in all college course work. Using reading materials on a college level and various genres and disciplines, the student will practice principles of analysis as well as comprehension of content. This course meets once a week for 10 weeks.

LATIN 55

LAT 101-102 Elementary Latin I-II

Three Credits each LA

A basic introduction to the study of Latin grammar and vocabulary. No previous knowledge of Latin required. Offered annually.

LAT 105-106 Intermediate Latin I-II

Three Credits each LA

Advanced study of grammar, stressing forms and syntax, with readings from classical authors. Offered when there is sufficient student interest.

MATHEMATICS 58

MATH 001 Introductory Algebra

This course is specifically designed to prepare the student to do well in Intermediate Algebra. The emphasis is on elementary algebra. Instruction is based on mastery learning, where the student progresses at his/her own pace. Built-in examinations determine when the student has reached a level of competency. This course is strongly recommended for those students who score below a certain level on the Mathematics Placement Test. No academic credit is given for this course. However, 3 equivalent credits are earned.

MATH 108 Intermediate Algebra

Three Credits LA

An intermediate level course in Algebra, covering skills which are essential for further study in mathematics, including the calculus applications courses required of undergraduate and graduate business, accounting and economics majors. Topics include: algebraic fractions, quadratic equations, graphing linear and quadratic equations, exponents, radicals, exponentials and logarithmic functions. Not open to students who have completed any mathematics course numbered higher than 110. Offered every semester.

MATH 110 Excursions in Mathematics

Three Credits LA

A nontraditional mathematics course designed to develop better logical and mathematical thinking in the student. Topics are chosen from logic, problem, solving, classical mathematics problems, relationships between mathematics and other areas, and recreational mathematics.

Prerequisite: Three years of high school mathematics.

MATH 115 Calculus with Management

Applications

Three Credits LA

Linear, quadratic, exponential and logarithmic functions, the derivative and integration, and the application of these topics to the area of business. Intended for Business, Accounting and Economics majors. Offered every semester.

Prerequisite: Three years of high school mathematics or MATH 108 or satisfactory performance on department proficiency exam

MATH 120 PreCalculus

Three Credits LA

An introduction to the basic mathematical skills necessary for the study of calculus. Topics include: rational expressions, elementary analytic geometry, functions, trigonometry, logarithmic and exponential functions. Intended for students who plan to continue with the study of calculus. Not open to students who have completed any mathematics courses number 221 or higher or their equivalents. Offered every semester.

Prerequisite: Two years of high school algebra or MATH 108

MATH 130 Introductory Statistics I*Three Credits LA*

Description of sample data, simple probability, the binomial and normal curves, estimation and testing of hypotheses, correlation and regression, the Chi-square distribution, analysis of variance. Offered each semester.

Prerequisite: For Business, Accounting and Economics majors: MATH 115; for other majors: MATH 108 or three years of high school mathematics

Recommended Corequisite: CMSC 103

MATH 131 Introductory Statistics II*Three Credits LA*

In-depth study of correlation and regression methods and the Chi-square distribution. Experimental design, non-parametric techniques and specialized statistical techniques. Offered upon sufficient student demand.

Prerequisite: MATH 130

MATH 205 Fundamental Concepts in Mathematics*Three Credits LA*

A careful introduction to logic and proof methods, designed to prepare the student for further courses in mathematics. Topics include propositional and predicate calculus, rules of inference; proof techniques; sets, functions, equivalence relations, and partial orders; counting; and induction. Offered every spring.

Prerequisites: Three years of high school mathematics.

MATH 210 Linear Algebra*Three Credits LA*

Abstract systems, vector spaces and linear transformations, matrices and matrix operations, applications of matrices to linear equations, determinants and characteristic value problems. Offered every semester.

Prerequisite: MATH 221

MATH 221 Calculus I*Three Credits LA*

The real number system, functions, limits, continuity, derivatives of algebraic and trigonometric functions, mean value theorem, applications of differentiation, applications of extrema, related rates and antiderivatives. Offered every semester.

Prerequisite: Three years of high school mathematics including trigonometry or MATH 120

MATH 222 Calculus II*Three Credits LA*

Introduction to integration, theory of the integral, fundamental theorem of calculus, applications of the integral, exponential, logarithmic, inverse trigonometric functions, their derivatives, integrals and applications, techniques of integration. Offered every semester.

Prerequisite: MATH 221

MATH 230 Operational Models*Three Credits LA*

A survey of modern mathematical techniques that have special applicability in business and economics. Among the topics considered are linear programming, simplex and transportation algorithms, theory of games, Markov Processes, Queueing Theory, simulation and scheduling techniques. Offered every semester. This course may not be taken for credit by students who have completed MATH 430, Operations Research.

Prerequisite: MATH 115, MATH 130

MATH 250 Discrete Mathematics*Three Credits LA*

An introduction to the algebraic concepts, methods and techniques which form the theoretical basis for computer science, including relevant areas of logic, set theory, relations and functions, and Boolean Algebra. Offered every semester.

Prerequisite: Three years of high school math

Corequisite: CMSC 105

DESCRIPTION OF COURSES

MATH 320 Calculus III

Three Credits LA

Indeterminate forms and improper integrals, infinite series, power series, analytic geometry and conic sections, plane curves, polar coordinates, vectors in two and three dimensions, quadric surfaces. Offered every semester.

Prerequisite: MATH 222

MATH 321 Differential Equations

Three Credits LA

Solutions to linear and non-linear differential equations are generated by use of integration techniques, series, and transformations. Physical applications are stressed. Offered annually.

Prerequisite: MATH 210, 320

MATH 322 Calculus IV

Three Credits LA

Vector-valued functions, multivariate functions, limits, continuity, partial differentiation, directional derivatives, applications of extrema, multiple integration and applications, vector calculus and integral theorems. Offered every Spring semester beginning in Spring 1988.

Prerequisite: MATH 320

MATH 330 Probability and Statistics

Three Credits LA

An introduction to probability as a basis for the theory of statistics. Sample spaces. Conditional probability and independence. Discrete and continuous distribution functions. Random variables. Random samples and sampling distributions. Offered every semester.

Prerequisite: MATH 222

MATH 331 Applied Statistics

Three Credits LA

Applications of probability to problems of statistical inference including correlation, regression, sampling estimation, hypothesis testing, goodness-of-fit tests and design of experiments. Offered every semester.

Prerequisite: MATH 330

MATH 393-394 Special Topics in Mathematics I-II

Three Credits each LA

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of Divisional Chairperson.

MATH 410 Abstract Algebra

Three Credits LA

Concentration on group theory, including the Sylow Theorems and the Fundamental Homomorphism Theorems. Introduction to the elements of Ring Theory and Field Theory. Some elementary number theory will be included.

Prerequisite: MATH 210

MATH 412 Computational Algebra

Three Credits LA

This course explores the computational aspects of linear algebra. It will consider both the theoretical and applied mathematical aspects of the related algorithms and provide the student with opportunities for further development of programming skills. Offered upon demand.

Prerequisite: MATH 210, CMSC 112

MATH 420 Mathematical Analysis I

Three Credits LA

A rigorous study of the topology of real numbers and spaces, sequences and series, continuity, sequences of functions, differentiation and the mean value theorem. Students will be expected to construct proofs of elementary theorems relating to the above topics.

Prerequisite: MATH 210, 320

MATH 421 Mathematical Analysis II*Three Credits LA*

A rigorous study of the inverse and implicit function theorems, the Riemann integral and the fundamental theorem of Calculus, integration of forms and Stokes Theorem. If time permits, an introduction to Lebesgue integration will be given. Proofs of elementary theorems will be expected of the student.

Prerequisite: MATH 420**MATH 422-423 Applied Mathematics***Three Credits each LA*

Selected topics in at least four of the following: Application of differential equations; matrices; complex variables; Fourier series. Laplace transformations, partial differential equations, algebra and calculus of vectors; numerical methods. Offered upon sufficient student demand.

Prerequisite: MATH 210, 321**MATH 424 Complex Variables***Three Credits LA*

Continuity; differentiability; Cauchy-Riemann equations; analytic functions. Complex integration and Cauchy's theorem. Taylor's theorem. Taylor and Laurent series. Residue theory. Conformal mapping, harmonic functions. Offered upon sufficient student demand.

Corequisite: MATH 420**MATH 430 Operations Research***Three Credits LA*

Basic ideas and methods of Operations Research. Linear programming, simplex methods, transportation problem, sensitivity analysis, computer considerations, graphs and networks. CPM, PERT, dynamic programming, game theory. Markov chains, queuing, birth and death processes, inventory theory, simulation. Offered biennially.

Prerequisite: MATH 210 and CMSC 233**MATH 440 Numerical Analysis***Three Credits LA*

Oriented toward efficient use of computers and hand-held calculators. Number systems and error analyses. Non-linear equations. Linear systems of equations. Matrix operations, including inversion and eigenvalue problems. Interpolation, differentiation and integration. Ordinary differential equations. Difference methods for some partial differential equations. Offered every semester.

Prerequisite: MATH 210, 222, Ability in a programming language comparable to CMSC 112**MATH 441 Advanced Discrete Structures***Three Credits LA*

Introduction to discrete mathematical structures and related computational problems. Topics are to be selected from representation of integers, sets, subsets, gray codes, chromatic polynomials, finite groups, graphs, trees, networks, grammars, linguistics, coding theory, recursion, finite machines, universal algebras. Offered every semester.

Prerequisite: MATH 210, CMSC 112**MATH 450 Fundamental Concepts of Geometry***Three Credits LA*

An introduction to the concepts of geometry, with emphasis on the strong relationship between algebra and geometry. Geometry is studied in terms of various transformations and their groups in the euclidean plane and is followed by a systematic treatment of affine, euclidean and projective spaces over fields with a brief survey of the other geometries. Offered upon sufficient student demand.

Prerequisite: MATH 210, 320**MATH 451 Elementary Topology***Three Credits LA*

This course will develop the concepts of Point Set Topology with stress on the abstract notions of connectedness, continuity, open sets, compactness, and the topological spaces T_2 , T_4 and Metric. Offered upon sufficient student demand.

Corequisite: MATH 420

DESCRIPTION OF COURSES

MATH 452 Foundations of Mathematics

Three Credits LA

Mathematical systems, mathematical logic and proof, the real number system. Philosophy of mathematics. Readings in mathematical literature. Offered upon sufficient student demand.

Prerequisite: MATH 210, 320 or permission of the instructor

MATH 470-471 Advanced Topics in Mathematics I-II

Three Credits each LA

Designed for upper level mathematics students. Content covered will depend on student and faculty interest, and will be covered either by independent study, directed study, tutorials or seminars. Content will be from such areas as: Real Variable Theory, Topology, Modern Algebra. Offered upon sufficient student demand.

Prerequisite: Permission of instructor

MATH 477 Capping Course

Three Credits LA

This seminar course centers on the selection of a topic by each student, their making two presentations to the seminar, and their preparation of a major paper on the topic. (Quantitatively, the paper will be in the 15 to 20 page range or lower.) Depending on the interests of the students and in order to effect reasonable breadth, the instructor will also prepare seminar presentations and/or invite outside speakers and faculty colleagues to address the group. Topics will be chosen from: Philosophy & Foundations of Mathematics; areas of mathematics of particular importance and interest in its development; meaning and truth in mathematics; mathematics in other areas such as science, social science, or creativity; the social responsibility of the mathematician. Offered every semester.

Prerequisite: Junior/Senior standing.

MEDICAL TECHNOLOGY 56

MEDT 250 Techniques in Medical Technology

Three Credits

A study of the principles and practice of clinical laboratory medicine; including approaching the patient, venipuncture, laboratory procedures and professional ethics. Lectures, discussions, labs and site visits to hospital laboratories are included.

Three-hour lecture, three-hour lab per week.

Prerequisite: BIO 110-111, 112-113, CHEM 111-112, 113-114

MEDT 301 Clinical Microbiology I

Four Credits

Introductory study of the classification, morphology, growth requirements, biochemical characteristics and pathogenic mechanisms of infectious bacteria, fungi and viruses. Laboratory exercises present techniques and procedures used to isolate and identify medically significant bacteria and fungi from clinical specimens. Offered every Spring.

Three-hour lecture, three-hour lab per week.

Prerequisite: BIO 312

MEDT 305 Clinical Chemistry I

Four Credits

A study of manual and automated biochemical analysis of body fluids, including analytical procedures and correlation of laboratory data with biochemical and physiological processes in health and disease states. Offered every Spring.

Three-hour lecture, three-hour lab per week.

Prerequisite: BIO 110-111, 112-113, CHEM 111-112, 113-114

Recommended: CHEM 121

MEDT 315 Clinical Hematology I

Four Credits

Study of the human hematopoietic system in health and disease states and its relationship to other organ systems. A morphological study of the cellular component of blood. Mechanisms of normal hemostasis and the pathological changes caused by disease or by anticoagulant therapy are included. Offered every Spring.

Three-hour lecture, three-hour lab per week.

Prerequisite: BIO 110-111, 112-113, CHEM 111-112, 113-114

MEDT 340 Clinical Immunology/Immunohematology I*Three Credits*

A comprehensive study of the cellular and humoral immune response in health and disease. Includes serologic evaluation of infection, a study of human blood groups and associated genetics, transfusion therapy and detection of *in vivo* antigen-antibody reactions and hemolytic disease of the newborn. Offered every Spring.

Two-hour lecture, two-hour lab per week.

Prerequisite: BIO 110-111, 112-113, CHEM 111-112, 113-114

Recommended: BIO 315

MEDT 345 Clinical Microscopy I*One Credit*

A study of body fluids which encompasses urine, cerebrospinal fluid, gastric juice, peritoneal, pericardial, amniotic, synovial and seminal fluids. Includes renal physiology, the pathophysiology of urinary tract disease and the microscopic and biochemical changes in urine which occur as a result of disease and are observed in the clinical laboratory. Offered every Spring.

One-hour lecture, two-hour lab per week, eight weeks duration.

Prerequisite: BIO 110-111, 112-113, CHEM 111-112, 113-114

MEDT 401 Clinical Microbiology II*Four Credits*

Advanced study of clinical microbes and the pathogenesis of infectious disease. Supervised hospital and classroom instruction in current manual and automated systems for isolating and identifying medically important bacteria, fungi, viruses and parasites from all sites of human infection. Methods in anti-microbial susceptibility testing for antibiotic therapy included. Offered every Summer/Fall.

Prerequisite: MEDT 301

MEDT 405 Clinical Chemistry II*Four Credits*

Advanced study of biochemical analysis of body fluids and the clinical significance of results. Supervised hospital instruction in performing these manual and automated analyses and the evaluation of test results. Offered every Summer/Fall.

Prerequisite: MEDT 305

MEDT 410 Clinical Hematology II*Three Credits*

Advanced study of hematology and coagulation. Supervised hospital instruction in current techniques of hematological analysis and evaluation of the diagnostic significance of results. Testing and evaluation of hemostatic function included. Offered every Summer/Fall.

Prerequisite: MEDT 310

MEDT 440 Clinical Immunology/Immunohematology II*Three Credits*

Advanced study of immunology and immunohematology. Supervised hospital instruction in performing current techniques for the determination of antigen-antibody reactions and the evaluation of test results; blood processing; compatibility testing; antibody identification and component therapy. Offered every Summer/Fall.

Prerequisite: MEDT 340

MEDT 445 Clinical Microscopy II*One Credit*

Advanced study of body fluids. Supervised hospital instruction in diagnostic procedures used to evaluate all types of body fluids. Offered every Summer/Fall.

Prerequisite: MEDT 345

MEDT 477 Topics in Medical Technology*Three Credits*

A lecture and discussion oriented study of current topics in Medical Technology, Medical Technology education and laboratory management are included. Case studies and problem solving emphasized. Offered every Spring.

Three-hour lecture per week.

Prerequisite: MEDT 401, 405, 410, 440, 445

MUSIC 61**MUS 103 Sight Reading***Three Credits LA*

Development of skills in reading, singing and hearing musical intervals, chords and rhythms by means of musical notation, recorder and keyboard. No background in music is required.

DESCRIPTION OF COURSES

MUS 105 Creative Listening

Three Credits LA

The awareness of music as a phenomenon of sound, approaching an understanding of the nature and components of music through creative projects. This course is designed for all students with interest in music without regard to past musical training. Offered when there is sufficient student interest.

MUS 106 Jazz and Sound

Three Credits LA

Involvement in criticism and evaluation of contemporary forms of Jazz and Sound; exploration and expansion of student's creative ability in sound compositions; examination of the philosophical implications of the creative process. Importance of music as a specific comment on the contemporary scene. Individual consideration of experimental tapes. Offered when there is sufficient student interest.

MUS 110-111 Choral Singing I-II

Three Credits each

Experience the joy of singing, through performances of music ranging from Broadway hits to Bach. If you love to sing in a group, or if you have always wanted to give it a try, this course is for you. No prerequisites. MUS 110 offered in the Fall; MUS 111 offered in the Spring.

MUS 112-113 Vocal Skills I-II

Three Credits each LA

This elementary voice class is designed to introduce the student to the fundamentals of singing including tone production, breathing and diction. Singing with a natural sound and a relaxed feeling is encouraged. Offered every year.

In Vocal Skills II, growth and development in the fundamentals of singing are encouraged. Also, several theories of vocal production are studied and then tested for understanding. This course provides a clear understanding of the theory of application thus resulting in knowledge that the student will use with his speaking and singing voice throughout his career. Offered when there is sufficient student interest.

MUS 120 Theory of Music I

Three Credits LA

A study of the fundamentals of musical notation, basic chords and chord progressions, simple forms. Attention is also given to ear training, sight singing and creative work at the individual level. Offered in the Fall.

MUS 140 Music of the 18th Century

Three Credits LA

An exploration of the musical experience of the Baroque and Classical eras as related to other art forms and as a reflection of the society which produced it. Counterparts of the aesthetic ideals and musical practices in contemporary works. Creative projects in artistic synthesis at individual level. Offered when there is sufficient student interest.

MUS 141 Music of the 19th Century

Three Credits LA

Considerations of the Romantic ideals as manifested in the major composers of the period; relationship of music to art and literature governed by similar aesthetics. The influence and traces of Romanticism in music of the 20th century. Creative work on respective individual level. Offered when there is sufficient student interest.

MUS 212-213 Intermediate Voice Study I-II

Three Credits each

The goal of this level of voice instruction is to establish a sound voice technique and a thorough understanding of the singing voice, and to begin the rudiments of artistic singing. Offered when there is sufficient student interest.

MUS 214 Opera

Three Credits LA

The Opera is studied from a historical vantage point. Beginning with the Medieval and Renaissance roots of this art form the course proceeds through the Baroque and Classical periods to the Romantic and Post-Romantic styles of the Nineteenth and early 20th centuries. The course will also touch on the role of opera as a social, revolutionary and political force. Offered when there is sufficient student interest.

MUS 220 Theory of Music II*Three Credits LA*

A study of chromatic harmony, larger musical forms, analysis of compositions using these materials. Further development of skill in harmonizing melodies, composing at individual level, ear training and sight singing. Offered in the Spring.

Prerequisite: MUS 120 or its equivalent.

MUS 225 Insight into Music*Three Credits LA*

Even the most expressive music becomes more so when we understand how it is put together. In this introductory course, the "listener" will be guided as to how to hear and recognize all styles of music in its full dimension.

MUS 231 Brass Ensemble*One Credit*

A performance workshop where students gain familiarity with a broad range of literature for the brass idiom. Precision, intonation and interpretation are studied in an ensemble format. Open to all students with a school level proficiency who own their own instrument.

MUS 243 Music in America*Three Credits LA*

An historical view of the development of music in America. Major emphasis on 20th century experimentalists, rock and folk artists, as well as America's unique contribution, jazz. Creative work based on individual's resources. Offered when there is sufficient student interest.

MUS 299 Choral Activity*One Credit each semester*

MARIST COLLEGE SINGERS is an organization to which every member brings special talent. The blending of these gifts with hard work results in individual growth along with group distinction in artistic expression. This group sings with other college choral groups away and at home, for campus events and community celebrations, and takes a choral tour in USA and abroad—alternating years. Rehearsals and performances are required for earned credit—1 credit per semester not to exceed 8 credits for four years, credit optional.

MARIST WOMEN'S CHORALE affords the students a chance to perform in small ensembles utilizing unique repertoire. This group also participates in Collegiate Festivals and Competitions, and sings with various Men's College Glee Clubs. One credit optional. Practices two hours per week.

LES CHANSONNIERS is a select chamber group of 16–24 voices. The members of this choral group are admitted by *audition only*. One credit optional. Practices one and a half hours per week—occasionally an extra hour of rehearsal is scheduled in preparation for special concerts.

NOTE: The maximum number of Choral Singing and Choral Activity credits that can be earned in four years is 16. No student can earn 1 credit for Choral Activity while he is taking Choral Singing I, II, III, or IV.

MUS 301-302 Choral Singing III-IV*Three Credits each*

This course provides an opportunity for the student with some choral experience to listen, study and perform choral music from the Medieval, Baroque and Classical periods. Musicianship, choral tone and the style of the literature are stressed.

Prerequisite: Choral Singing I-II

MUS 342 Music of the 20th Century*Three Credits LA*

Transition from the traditional ideal to the modern idiom. Involvement in current musical life through experimentation and listening. Attendance at live performances, integration with other media and consideration of underlying aesthetic principles. Offered when there is sufficient student interest.

MUS 351 Independent Vocal Study*Three Credits LA*

Independent Vocal Study is designed to deal more specifically with the natural gifts of the vocal instrument and to direct students in how to handle their own particular vocal problems in daily practice for continued *growth* in *free*, controlled artistic vocal production when practicing and performing.

DESCRIPTION OF COURSES

MUS 391-392-393 Special Topics in Music I-II-III

LA

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every year.

Prerequisite: Permission of Divisional Chairperson.

PARALEGAL 76

PRLG 101 Introduction to Law

Three Credits LA

Dual listed as POSC 102

The course objective is to derive a functional definition of the law in Anglo-American jurisprudence by examining the various aspects of the law as a process. Offered annually.

PRLG 105 Origins of the American Legal System

Three Credits LA

Dual listed as POSC 105

This course introduces the student to the Anglo-Saxon origins of some of our legal institutions, e.g. the jury system, writs, habeas corpus, etc., and traces their development up to our own time. The student is shown why the Common Law developed as it did, what distinguishes Common Law from Roman Civil Law and what influence the latter had on the former. The purpose of the course is to assist the student in achieving a better understanding of our legal traditions through a historical overview. Offered at least biennially.

PRLG 106 Juvenile Law and Procedures

Three Credits LA

Dual listed as CRJU 112

See CRJU 112 for course description.

PRLG 206 Issues in American Constitutional Law

Three Credits LA

Dual listed as POSC 210

See POSC 210 for course description.

PRLG 210 Introduction to Legal Research and Writing

Three Credits

The object of the course is to teach the students how to use the basic tools found in a law library to solve legal problems. The course concentrates on analyzing cases and statutory materials and writing intelligently about them. It acquaints the student with the use of Law Reports, annotated statutes, citators, digests, legal encyclopedias and other material. Offered annually.

Corequisite: PRLG 101

PRLG 211 Family Law

Three Credits LA

Emphasis on the theory of domestic relations. Study of case and statutory material of the intact family autonomy and judicial interference; marriage; dissolution of marriage, custody; economic aspects of divorce; enforcement and modification of divorce decrees; separation and anti-nuptial agreements; court actions among members of the family; and contractual relations among members of the family. Offered annually.

Corequisite: PRLG 101

PRLG 212 Criminal Law

Three Credits LA

The main objective of the course in criminal law is a search for the elusive concept of justice. The search takes into account both substantive and procedural areas of the criminal law. It focuses on the purposes to be achieved by the criminal law and the means to be employed in order to gain the desired ends. The further objective of this search is to give the paralegal student a firm grasp of this important and controversial area of the law for use in either private practice or public service. Offered annually.

Corequisite: PRLG 101

PRLG 213 Real Property and Title Search*Three Credits*

Comprehensive analysis of Real Property ownership, title and conveyance. Analysis of all documents associated with Real Property transactions. Title searching techniques. Detailed analysis of the procedures required to transfer real property. Offered annually.

Corequisite: PRLG 101

PRLG 215 Administrative Law*Three Credits*

This course is designed to acquaint the student with procedures and practices of administrative judicial process, including all aspects of mediation and adjudication before Federal and State Agencies, review boards, and other governmental administrative, rather than judicial, hearings. Offered at least biennially.

Corequisite: PRLG 101

PRLG 221 Law and Society*Three Credits LA*

Dual listed as CRJU 221 and POSC 221

See CRJU 221 for course description.

PRLG 380 Business Law I*Three Credits*

Dual listed as BUS 380

See BUS 380 for course description.

PRLG 381 Business Law II*Three Credits*

Dual listed as BUS 381

See BUS 381 for course description.

PRLG 391-392-393 Special Topics in Paralegal Studies I-II-III*One-Two-Three Credits each*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every year.

Prerequisite: Permission of Divisional Chairperson and PRLG 101

PRLG 410 Advanced Legal Research and Writing*Three Credits*

This course emphasizes drafting of legal documents and memoranda and researching specific legal problems. A thorough knowledge of basic principles of legal research is assumed. Offered at least biennially.

Prerequisite: PRLG 101, 210

PRLG 420 Wills, Trusts & Estates*Three Credits*

This course is intended to introduce the student to basic principles of property, forms of title and its conveyance under the laws of descent and distribution, testacy and by trust. The student will learn the differences between testate and intestate distribution and will become familiar with the purposes and effects of wills and trusts and the procedural aspects of their creation and implementation. The student will also be introduced to various estate and income tax principles inherent in estate planning and administration. Offered at least biennially.

Corequisite: PRLG 101

DESCRIPTION OF COURSES

PRLG 421 Corporate Law

Three Credits

Legal format and available forms for conduct of business of corporations. Emphasis on structure of corporations, manner in which corporations operate as fictitious persons, incorporation procedures, dissolution and merger. Offered upon sufficient enrollment.

Corequisite: PRLG 101

PRLG 422 Civil Litigation and Practice

Three Credits

The theory and application of procedures in civil litigation, with emphasis on federal and New York State courts. Trial strategy, rules of evidence, mock litigative experience and practical application of substantive law concepts. Offered annually.

Prerequisite: PRLG 101, 210

PRLG 430 Law Office Management

Three Credits

Procedures, tools and techniques for recordkeeping, diarying, work allocation, billing and structuring of legal services delivery in modern legal practice. Offered upon sufficient enrollment.

Corequisite: PRLG 101

PRLG 440 Labor Relations Law

Three Credits

A survey of the substantive and procedural aspects of the laws governing employer-employee relations. Emphasis is placed on the federal laws regulating union organizing, collective bargaining and arbitral processes. Topics covered include the new pension law (ERISA), Occupational Health and Safety Act, Equal Employment Opportunity Act and New York State Public Sector Labor Relations. Students role play in mock collective bargaining and arbitration exercises. Offered upon sufficient enrollment.

Corequisite: PRLG 101

PRLG 496-498 Work Experience or Legal Internship

Three Credits each

Paralegal students engage in work experience in law offices and government agencies. Work in the agency, readings and a seminar project constitute the basis of the experience. Permission of the faculty supervisor is required for entrance to the course. Offered every semester.

Corequisite: PRLG 101

PHILOSOPHY 64

PHIL 101 Introduction to Philosophy

Three Credits LA

This course introduces the student to the general education experience with the identification and analysis of the diversity of the contemporary modes of knowing; e.g. mythological, religious, scientific, and philosophic. Required of Freshmen. Offered every Fall.

PHIL 102 Introduction to Ethics

Three Credits LA

This course first addresses the metaethical distinctions between Christian Humanism and Secular Humanism and subsequently derives their ethical implications. Required of Freshmen. Offered every Spring.

Prerequisite: PHIL 101

PHIL 103 World Views and Values*Three Credits LA*

This course aims to help students ask basic questions about the ultimate meaning of life; to take a comprehensive and holistic world view; and to articulate a coherent value system. The basic methodology for teaching the course is comparative and socioanalytic. Transfer students only. Offered every semester.

PHIL 203 Introduction to Logic*Three Credits LA*

This course introduces the student to "applied" logic. It deals with formal structures of thought only insofar as these can be readily applied to the organization of thought in language: spoken and written. The logical errors or fallacies that are most frequently made in written and oral discourse will be identified. Offered annually.

PHIL 212 Philosophy of Society*Three Credits LA*

Philosophical thought concerning the nature, purpose and forms of social organization. Offered triennially.

PHIL 220 History of Modern Philosophy I*Three Credits LA*

An analysis of the movements of philosophical ideas in Europe from the 17th century through the 19th century. Offered biannually.

PHIL 221 History of Modern Philosophy II*Three Credits LA*

An analysis of the movements of philosophical ideas in Europe from the 19th century into the 20th century. PHIL 220 is recommended but not required for PHIL 221. Offered biannually.

PHIL 222 History of Ancient Philosophy*Three Credits LA*

A study of the major themes that formed Western philosophical tradition from the time of the pre-Socratics to Plotinus. Offered triennially.

PHIL 223 History of Medieval Philosophy*Three Credits LA*

The historical emergence of Latin, Greek and Islamic philosophy from the period of the Alexandines to the 15th century. Offered triennially.

PHIL 231 Philosophy of Religion*Three Credits LA*

An investigation of the philosophical issues regarding religious phenomena and the implications of religious experience. Offered triennially.

PHIL 232 Philosophy of History*Three Credits LA*

An inquiry into the character of historiographical problems of evidence and explanations. Offered triennially.

PHIL 233 Philosophy of Education*Three Credits LA*

This course is designed to aid the student in reflecting on the place and meaning of education in modern American society. Offered every Spring. Priority to Teacher Education students. Offered annually.

PHIL 235 Philosophy and Technology*Three Credits LA*

The course will analyze, from a philosophical perspective, the theoretical, metaphysical and ethical presuppositions underlying the technological orientation of man.

Given the revolutionary nature of technology, an essential task of the course will be to provide an historical perspective of the problem. Such a perspective is necessary, not only to understand our own historical position, but to see the limits of technology itself, i.e., its humanizing and dehumanizing power. Offered biannually.

DESCRIPTION OF COURSES

PHIL 240 American Pragmatism

Three Credits LA

A survey of the development of American Pragmatism from the latter part of the 19th century into the 20th century. Readings are from primary sources in Peirce, James and Dewey. Offered triennially.

PHIL 242 Philosophy and Human

Existence

Three Credits LA

The course is focused on the vital relationships of ideas as they are expressed in philosophy and human life. Great emphasis will be put on the historical dimension of human ideas and human existence. Philosophy will be seen as the historical reflection of people on themselves, i.e., as the different ways in which women and men have defined themselves in the course of history. This will lead us to the fundamental existential problem concerning the way in which humans view themselves today. Offered biannually.

PHIL 330 Aesthetics

Three Credits LA

Appraisal of the major theories and issues of a philosophy of art. Offered biannually.

PHIL 340 Marx and Marxism

Three Credits LA

An analysis of the historical and philosophical ground of Marx's thought. A special emphasis will be placed on its originality, historical impact and humanistic meaning. Offered biannually.

PHIL 342 American Social Thought

Three Credits LA

A study of the religious and philosophical foundations of American social thought from the Puritans to the Pragmatists. Offered triennially.

PHIL 392-393-394 Special Topics in Philosophy I-II-III

Three Credits each LA

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty member of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as a mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of divisional chairperson

PHYSICAL EDUCATION 67

PHED 101 Physiology of Health

Three Credits LA

A study of the areas closely affecting the human organism in terms of his or her responsibility for self-direction of health. Areas covered include: introductory physiology in health, the effects of disease, physiology of reproduction, financial aspects and future trends in health and related areas. Offered every semester.

PHED 120 Golf

One Credit

Instruction and practice in golf skills, evaluation of golf courses, rules, etiquette and strategy. Participation in actual play is a requirement of the course and a "greens fee" is the responsibility of the student. Emphasis on carry-over values stressed. Coed. Offered every semester.

PHED 121 Volleyball/Badminton

One Credit

An activity course designed to develop an understanding of the rules, individual skills and team play in volleyball and badminton. Emphasis will be placed on correct methods and skills in playing each game. Offered every year, Spring semester.

PHED 123 Archery*One Credit*

An activity course stressing beginning techniques of archery. Selection and care of equipment and safety will also be stressed. Emphasis will be on standard shooting techniques with some exploration of hunting and field archery techniques. Coed. Offered every semester.

PHED 124 Conditioning*One Credit*

An activity course designed to promote physical fitness and an understanding of the body. Emphasis will be placed on exercise, weight control, developing physical potential and the mechanics of conditioning in daily living. Coed. Offered every semester.

PHED 127 Tennis*One Credit*

An activity course stressing game fundamentals, technique, strategy and rules. Consideration will also be given to selection of equipment, court etiquette and recreational value of the activity. Coed. Offered every semester.

PHED 128 Modern Dance I*One Credit*

Study and practice of dance techniques, movement components, composition and basic elements of choreography. Consideration of dance as a creative art experience. Coed. Offered every Fall.

PHED 129 Modern Dance II*One Credit*

Further study of dance techniques offered in Modern Dance I. Coed. Offered every Spring.

PHED 130 Soccer*One Credit*

An activity course teaching the rules, individual skills and team techniques in soccer. Stress will be on fundamental skills leading to the team play required for the sport. Coed. Offered once in three years.

PHED 131 Judo*One Credit*

An activity course to develop knowledge, understanding and skills in judo as a sport rather than as a combative activity. Coed. Offered every year.

PHED 132 Boxing*One Credit*

Students will be expected to develop knowledge, skill and understanding of the basic fundamentals of boxing. Stress will be on the skill rather than competitive aspect of the sport. Men. Offered every year.

PHED 133 Handball/Racquetball*One Credit*

An activity course to teach the student the skills, rules and strategy of handball and paddleball, with emphasis on the carry-over value of the activity. Coed. Offered every semester.

PHED 134 Fencing*One Credit*

A study of fundamental techniques in use of the foil. Positions, terminology, offensive and defensive skills will be presented. Experience in elementary bouting and officiating. Participation is stressed. Coed. Offered every other year.

PHED 135 Basketball*One Credit*

An activity course designed to develop an understanding of the rules, individual skills and team play. Emphasis will be placed on the basic skills necessary for this sport. Women only. Offered every other year.

PHED 136 Rowing*One Credit*

Students are expected to learn the fundamentals of sweep rowing in eights and fours, and sculling in singles. Skills in rowing will be developed which may be used for participation during and after college. Offered every semester.

Prerequisite: Ability to swim.

PHED 137 Sailing*One Credit*

Designed to develop basic seamanship and sailing techniques in the use of sailboats. Students are expected to develop skills in sailing which they can use for participation during and after their college years. Coed. Offered every semester.

Prerequisite: Ability to swim at least 100 yards.

DESCRIPTION OF COURSES

PHED 138 Skiing

One Credit

An activity course designed for beginning skiers. Study of equipment, conditioning exercises and safety training for the sport will be included. All beginning skills are taught which will contribute to recreational skiing. Coed. Offered as interest demands.

PHED 139 Beginning Swimming (Non-Swimmers)

One Credit

An activity course designed to give students the opportunity to develop necessary survival techniques. Brief introduction to understanding of basic mechanical and kinesiological principles and their application to swimming. Skills in swimming and lifesaving techniques will be developed. Coed. Offered every semester.

PHED 150 Basic Horsemanship

One Credit

Basic instruction in riding, handling of horse, tack, grooming, various gaits and care of horse. Coed. Offered every semester.

PHED 151 Intermediate Horsemanship

One Credit

Advance techniques in riding, building on skills developed in PHED 150, plus additional time on groundwork, i.e., tack care, grooming, cleaning, stabling and protocol of horsemanship. Coed. Offered every semester.

PHED 227 Intermediate Tennis

One Credit

Techniques of play at a higher level than the beginning course. Skill level is developed for more advanced competition. Tactics for singles and doubles play, improvement of ground strokes and other techniques are emphasized. Coed. Offered every year.

PHED 238 Skin and Scuba Diving

One Credit

Subject areas that will be covered in the lectures are: applied science, diving equipment, diving environment, medical problems and diving activities. Water skills that will be covered in the pool and on the open water dive will be swimming skills, skin and scuba diving skills. An additional expense will be incurred for the open water dive, which will be taken in the ocean. Offered every semester.

Prerequisites: Pass Swimming and Physical Examination

PHED 239 Advanced Swimming

One Credit

An activity course designed to give students the opportunity to achieve some proficiency in the four competitive strokes. Introduction to understanding of basic mechanical and kinesiological principles and their application to continued refinement of swimming techniques. This five-week course is included in the first half of the Advanced Swimming and Lifesaving course. Coed. Offered every semester.

PHED 240 Advanced Swimming and Lifesaving

Two Credits

An activity course designed to give students the opportunity to achieve proficiency in competitive strokes and lifesaving techniques. The student will receive A.R.C. certification in advanced lifesaving. Basic swimming techniques will be taught during the first six weeks. Lifesaving and water safety techniques will be presented during the remaining four weeks. This ten-week course is a continuance of the Advanced Swimming course. Coed. Offered every semester.

PHED 301 Sports in Society

Three Credits LA

A reading-seminar course based on current literature in the field. The impact of professional and collegiate athletics on our society is emphasized. Topics discussed include: women in sports, violence, commercial aspects, recruiting and abuses, educational values. Offered every year.

PHED 305 First Aid and Care of Injuries*Two Credits*

This course is designed to develop awareness of state regulations concerning care and treatment of the athlete and those skills necessary for the immediate and temporary care of injured players. The responsibilities of the coach toward the injured player, recognition, prevention and rehabilitation of common athletic injuries will be covered. Safety aspects, doctors' responsibilities, and limitation of treatments are also included. Offered every year.

PHED 307 Sports Officiating*Two Credits*

A combination of practical and theoretical approaches through classroom and/or field activities. The course will utilize film, video tape, outside experts, lecture discussion and lab experience to develop the skills and understandings necessary to officiate sports activities. Students will be required to officiate in the intramural program and will have a practical class experience at least once a week. Offered each Fall semester.

PHED 310 Soccer Coaching*Two Credits*

Offered when there is sufficient student interest.

PHED 311 Basketball Coaching*Two Credits*

Offered when there is sufficient student interest.

PHED 312 Track and Field Coaching*Two Credits*

Offered when there is sufficient student interest.

PHED 313 Baseball Coaching*Two Credits*

Offered when there is sufficient student interest.

PHED 314 Football Coaching*Two Credits*

Offered when there is sufficient student interest.

Coaching courses listed above consist of lab sessions meeting one or two times per week designed to be a practical application of PHED 410, dealing with specific activities. Emphasis will be on the techniques of teaching the activity to the athlete, the mechanical analysis of skills and the problems associated with the activity.

Prerequisite or Corequisite: PHED 410

PHED 390-391-392 Special Topics I-II-III*One-Two-Three Credits*

An independent study course designed to meet a special interest of the student interested in pursuing independent study. Permission for the study must come from the divisional chairperson upon application by the student.

PHED 401 Movement in Sports (Kinesiology)*Two Credits LA*

This course is designed to develop the ability of the coach to analyze and improve athletic performance. Includes a review of muscular-skeletal anatomy, mechanical principles involved in movement, forces initiating movement and the synthesis of skilled performance. Laboratory exercises include the use of films and video tape as well as observation and mechanical guidance in improving movement. Offered every year.

PHED 410 Principles and Problems of Coaching*Three Credits*

An introduction to the role of the coach in high school coaching. Emphasis will be placed on his functions as a teacher and administrator in the area of coaching. Specific sports will not be dealt with. Focus will be put on general guidelines and relationships, administrative problems and personal values. Developing from this will be the lab course dealing with various sports. Emphasis will be placed on New York State Public High School Rules. Offered every year.

No prerequisites

DESCRIPTION OF COURSES

PHYSICS 71

PHYS 108 Introduction to Cosmology

Three Credits LA

This course provides an introduction to our modern understanding of a dynamic, expanding universe. Topics to be covered include stars, galaxies, pulsars, black holes, the expansion of the universe, the Big Bang and the future of the universe. Offered once each academic year.

PHYS 111 General Physics I

Three Credits LA

A study based on calculus and vector algebra of classical mechanics and thermodynamics. Three hour lecture and one problem-session per week. Offered every Fall.

Corequisite: MATH 221-222

PHYS 112 General Physics II

Three Credits LA

This course continues the first-level survey of physics with a thorough study of electricity and magnetism, optics and some aspects of modern physics. An attempt is made to focus on the nature of scientific inquiry and thought. Three hour lecture and one problem-session per week. Offered every Spring.

Corequisite: MATH 221-222

PHYS 113-114 General Physics Lab I-II

One Credit each LA

The general physics labs are taken simultaneously with the course in general physics. The lab may or may not be required, depending on the student's major or program of study (e.g. pre-med, etc.). One credit is assigned to each semester of the laboratory. Offered every year.

Corequisite: PHYS 111-112

POLITICAL SCIENCE 74

POSC 101 Introduction to Politics

Three Credits LA

The fundamental aspects of political inquiry and scientific study of politics; nature of political process; political structures and functions; concepts of political stability and order; political socialization; and political allegiance and alienation. Offered every semester.

POSC 102 Introduction to Law

Three Credits LA

Dual listed as PRLG 101

See PRLG 101 for course description.

POSC 105 Origins of the American Legal System

Three Credits LA

Dual listed as PRLG 105

See PRLG 105 for course description.

POSC 110 American National Government

Three Credits LA

A study of the American political system, analysis of the institutions of the national government and of the American political process. Political behavior and selected issue areas will also be studied. Offered annually.

POSC 205 Peace and World Order Studies

Three Credits LA

A study of peace ideas, nonviolent conflict resolution and concepts of transition from the international system of arms escalation, nuclear arsenals and threat of nuclear holocaust to a world order based on community. The course introduces students to the most recent and current peace science research. Offered biennially.

POSC 210 Issues in American Constitutional Law

Three Credits LA

Dual listed as PRLG 206

This course proceeds on the proposition that the Constitution means what the Supreme Court says it means. The constants are the Supreme Court instituted concept of itself and the tension and interplay between the court's basic themes of nationalism, federalism, separation of powers, judicial activism and judicial restraint. Offered biennially.

Prerequisite: POSC 101 or POSC 110

POSC 211 American State and Urban Politics*Three Credits LA*

A study of the processes through which individuals and groups affect the decision-making process on the state and local levels. Emphasis is placed on an analysis of urban politics and on major public policy issues affecting urban government. Offered annually.

POSC 212 Political Parties and Pressure Groups*Three Credits LA*

The nature, composition and organization of parties and pressure groups; the role played by these two forces in the political process; history and programs of parties and pressure groups will be analyzed. Offered biennially.

Prerequisite: POSC 101 or one course in American Government

POSC 213 Politics of Human Rights*Three Credits LA*

This course examines various kinds of human rights and arguments for their protection. Safeguards afforded or aspired to by international law will be reviewed. The extent of human rights violations throughout the world will be surveyed as well as efforts of inter-governmental and non-governmental organizations to alleviate the transgressions. The role of the United States in formulating a human rights policy will be traced from the Eleanor Roosevelt era to the present.

POSC 216 Black Political and Social Thought*Three Credits LA*

Dual listed as HIST 216

A survey of the writings and activities of selected African, Afro-American and Afro-Caribbean thinkers and activists beginning with the pre-Civil War and pre-Colonial periods and extending to the present. Offered biennially.

POSC 221 Law and Society*Three Credits LA*

Dual listed as CRJU 221 and PRLG 221

See CRJU 221 for course description.

POSC 232 Political Thought I*Three Credits LA*

A survey of the development of ideas concerning the major problems of political theory. Selected writers of the ancient and medieval world will be studied; consideration of early ideas on constitutionalism, representation and church-state relations. Offered biennially.

Prerequisite: POSC 101 or one course in philosophy

POSC 233 Political Thought II*Three Credits LA*

A study of selected political theorists and theories of the period from the 16th century Reformation to the beginnings of the 20th century. Included among those studied are Hobbes, Locke, Rousseau, Burke and Marx. Issues include theories of divine right, social contract and of revolution as bases for government power. Offered biennially.

Prerequisite: POSC 101 or one course in philosophy

POSC 240 Introduction to Public Policy*Three Credits LA*

A study of the components of Public Policy and an analysis of different approaches utilized in making policy. Emphasis is on the role assumed by Public Administrators in program formulation and implementation. Offered biennially.

POSC 241 The History and Political Culture of Ireland*Three Credits LA*

Dual listed as HIST 346

A survey of Irish history and political culture from the time of the Celts to the present day. Oral tradition, the songs and stories of the Shanachie will be interwoven with historical narrative. Offered when there is sufficient student interest.

POSC 243 Political Thought III*Three Credits LA*

This course deals primarily with 20th century political thinking and ideologies. Emphasis is placed on the key concepts of Communism, Fascism, Socialism, Liberal Democracy and selected Third World leaders and writers. Offered biennially.

Prerequisite: POSC 101 or one course in philosophy

DESCRIPTION OF COURSES

POSC 251 Comparative Political Systems I: Great Britain and Western Europe

Three Credits LA

Comparative analysis of political culture, ideology, institutional forms and functioning of Western European democracy, with emphasis on the British parliamentary system, post-Gaullist France and the German Federal Republic. Offered biennially.

Prerequisite: POSC 101

POSC 252 Comparative Political Systems II: USSR and Eastern Europe

Three Credits LA

Analysis of the European Communist model in comparative political systems, with primary emphasis on the USSR and selected Eastern European variants. Inquiry into the relationship between ideology and experience in political culture. Offered biennially.

Prerequisite: POSC 101

POSC 273 International Politics

Three Credits LA

Theories of international politics; political power; the struggle for power; policy of the status quo and prestige; imperialism, ideologies in international politics; national power and its limitations; the balance of power, international morality, world public opinion, disarmament, security, the U.N.; order through transformation; the world state and the world community; order through accommodations; diplomacy. Offered annually.

Prerequisite: POSC 101

POSC 283 Public Administration

Three Credits LA

This course introduces the student to the administrative aspects of governmental policy making. The course covers theoretical approaches and methods of administration. Several policy areas from the administrative standpoint—housing, planning, environment. Offered at least biennially.

Prerequisite: POSC 101 or one course in management

POSC 301 Program Planning and Evaluation

Three Credits LA

This course aims at developing student awareness and understanding of key methods and types of program planning and evaluation in the public sector. Students should develop familiarity with the functions of planning and evaluation in policy development, implementation, revision and/or termination. Developing awareness of American inter-governmental relations and providing familiarity with grant opportunities and procedures are other important outcomes sought in this course. Offered biennially.

Prerequisite: POSC 101 or American Government or Public Administration or Business Management

POSC 312 History of the American Presidency

Three Credits LA

Dual listed as HIST 312

This course surveys the evolution of the Office of the President from the Constitutional Convention of 1787 to contemporary America. By using selected case studies, attention is focused on the personalities and the forces which shaped the office during the history of the Republic. Offered triennially.

POSC 342 Survey Research & Political Data Analysis

Three Credits LA

Analysis of the theoretical background of survey research as a scientific method of study. Provides an opportunity for the development of the techniques required by the survey researcher. Discussion on survey methodology and its applications; survey designs; data collection; questionnaire construction; sampling techniques; data analysis including computer coding and analysis. Attention centers around the planning and implementation of the Election Day "exit" poll. Offered at least biennially.

Prerequisite: POSC 101; Priority to Juniors and Seniors

POSC 345 Law and Morality*Three Credits LA*

The course will study general principles advanced to determine the proper sphere(s) of public and individual decision-making regarding selected issues of behavior. The seminar will consider specific issues related to: censorship, sexual behavior, control of birth and death, and discrimination.

Prerequisites: PHIL 101, 102, or 103; Priority to Juniors and Seniors

POSC 350 Comparative Politics in Latin America*Three Credits LA*

Focusing on the key components in Latin American political systems, the course analyzes various aspects of politics, including functional elites, the military, the middle class, labor, peasant movements and the church. Comparative political opposition, and political adaptation and integration. Offered triennially.

Prerequisite: POSC 101

POSC 353 Comparative Politics of Developing Areas*Three Credits LA*

An overview of the politics and problems of the Third World; development, neocolonialism, dependency theory, and center-periphery. Offered biennially.

Prerequisite: POSC 101

Recommended: Non-western history course and macroeconomics; Priority to Juniors and Seniors

POSC 355 Comparative Political Systems III: Middle East*Three Credits LA*

This course examines the political systems of the Middle East, including the emergence of the modern state, including the political systems of Egypt, Israel, Jordan, Lebanon and Syria. Also studied is the Arab-Israeli conflict in present perspective. Offered biennially.

Prerequisites: POSC 101; advised to take POSC 372 and/or POSC 273

POSC 372 International Law and Organization*Three Credits LA*

Study of the origin, nature, sources and functions of international law; development of international institutions, structures and processes with emphasis on the United Nations. Offered annually.

Prerequisite: POSC 101; Priority to Juniors and Seniors

POSC 392-393 Special Topics in Political Science I and II*Three Credits LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every semester.

Prerequisite: Permission of chairperson

POSC 396-398-498 Work Internship in Political Science*Three Credits each*

Selected students engage in work experiences with government and political agencies. Work in the agency, readings and a seminar project constitute the basis of the experience. Permission of faculty supervisor is required for admission to this course. No more than twelve credits may be taken during the internship. Offered every semester.

Prerequisite: POSC 101 and permission of instructor and chairperson

DESCRIPTION OF COURSES

POSC 477 Capping Course

A capping course required for all Senior Political Science majors. To be developed and offered 1988–89.

POSC 481 Scope and Methods of Political Science

Three Credits LA

An introduction to political science methodology. Major conceptual approaches, relationship between theory and research; concept-formulation; research design and research methods. Offered when there is sufficient student interest.

Prerequisite: POSC 101, sophomore class status or above

PSYCHOLOGY 78

PSYC 101 Introductory Psychology

Three Credits LA

A fundamental treatment of the basic facts and theories comprising the science of psychology; exploration of the nature, scope and methods involved in the scientific investigation of human behavior, stressing such topics as learning, emotions, personality, sensation and perception. Offered every semester.

PSYC 150 Applied Psychology I

Three Credits LA

This course focuses on the application of psychological principles to the self-management of human functioning. It stresses a multimodal approach and requires the development and implementation of a self change project.

Prerequisite: PSYC 101

PSYC 201 Personality Development

Three Credits LA

A study of the typical changes in personality during the stages of infancy, childhood, adolescence, adulthood and old age. The focus is on changes in self concept from one developmental stage to the next, for example, from adolescence to adulthood. The emphasis is on explanation rather than description. Offered every Fall.

Prerequisite: PSYC 101

PSYC 202 Abnormal Psychology

Three Credits LA

A study of mild and serious behavior disorders. The causes of behavior problems are approached from a developmental viewpoint with a focus on unfavorable changes in self concept. Treatments for behavior problems are varied, for example, surgery, drugs and various kinds of therapy. Offered every Spring.

Prerequisite: PSYC 101

PSYC 203 Theories of Personality

Three Credits LA

A study of some of the more significant theories of personality as proposed by psychologists of the three major schools of thought: psychoanalytic, behavioristic and phenomenological-existential. Emphasis will be placed on an in-depth understanding of the assumption underlying each theory. Offered every year.

Prerequisite: PSYC 101

PSYC 206 Psycho-Biological Sex Differences

Three Credits LA

A study of sexual differences in human behavior through an examination of the empirical evidence supportive of both biological and cultural explanations for their development. Behavioral observations of sex differences are made at various developmental stages. Three theoretical explanations for the development of sex differences are considered: Mischel's Social Learning Theory, Kohlberg's Cognitive-Developmental Theory and Freud's Psychoanalytic Theory. Offered every two years.

Prerequisite: PSYC 101

PSYC 207 The Exceptional Child

Three Credits LA

Introduction to and study of various disability groups and the gifted. Emphasis is placed upon social-psychological and educational perspectives. Priority to students in Special Education and Secondary Education. Offered Fall and Spring.

Prerequisite: PSYC 101

PSYC 208 Educational Psychology*Three Credits LA*

The physical, emotional, intellectual and social development of the student with special emphasis on the relevance of these processes to the programs and procedures of the school. Priority to students in Special Education and Secondary Education. Offered every Spring.

Prerequisite: PSYC 101**PSYC 209 Psychology of Retardation***Three Credits LA*

The nature, growth and needs of the mentally retarded; causal factors of mental retardation; concomitant and secondary disorders of behavior; development of an educational program based on psychological principles. Offered once every four years.

Prerequisite: PSYC 101**PSYC 210 The Psychology of Sleep***Three Credits LA*

A survey of the history and major fields of research on human and animal sleep. Includes an in-depth study of several current areas of behavioral research in human sleep and dreaming. Includes such topics as research methods, sleep length, sleep deprivation, sleep problems, drug use and dreaming. Offered every year.

Prerequisite: PSYC 101**PSYC 215 Psychology of Interpersonal Communication***Three Credits LA*

Covers the principles and techniques of human communication, with an emphasis on those skills useful to persons planning to enter the helping professions. In addition to discussions of theory, students will practice methods of self-disclosure, active listening, confrontation, persuasive communication and values clarification. Opportunities for students to investigate related topics such as family and marital communication process, non-verbal communication, transactional analysis and constructive patterns of communication in work settings will be provided. Offered in the Winter Intersession.

Prerequisite: PSYC 101**PSYC 220 Social Psychology***Three Credits LA*

A study of how the behaviors, thoughts and feelings of the individual are influenced by the presence of other persons. A survey of topics such as sex roles, attitude formation and change, altruism and aggression, interpersonal attraction and love, and criminal justice will be discussed. In addition, the various empirical research methods will be examined and applied to these topics. Offered every year.

Prerequisite: PSYC 101**PSYC 222 Community Psychology***Three Credits LA*

The course will begin with an overview of the applied discipline of Community Psychology, its history, its relationship to other social sciences, the types of problems that this field addresses, and the range of interventions into community problems. One or several specific issues or problems are assigned for fieldwork. Offered every year.

Prerequisite: PSYC 101**PSYC 231 Practicum in Preschool Child Development***Three Credits*

The purpose of this course is to provide students with the opportunity to study, in a laboratory setting, the human development of all children, ages 2-5. In the Vassar Nursery School students will observe and record children's behavior as well as participate in the instruction of children in the nursery programs. College class sessions will focus on topics such as observations, materials, play, guidance, discipline, communication, dramatic play, social development, environment and children in their families, thus linking the theoretical and the practical. Open only to Special Education Students.

Prerequisite: PSYC 101, 317

DESCRIPTION OF COURSES

PSYC 275-276 Statistics and Computer Use for the Behavioral Sciences I and II *Three Credits each LA*

This is a two semester course introducing the basic statistical and computer science concepts necessary for behavioral science majors. The course introduces "hands on" experience with computers while learning to represent, manipulate and analyze behavioral science data.

Part I (Fall semester): Introduces descriptive and non-parametric statistics and computerized statistical packages. The emphasis is on how statistical data are found, used, described and manipulated in the behavioral sciences and the use of computers in this.

Part II (Spring semester): Introduces advanced inferential statistics, complex non-parametric analysis and more sophisticated computerized statistical packages. The emphasis is on understanding the importance of variability, how this may affect the conclusions drawn from the data, and using the computer package for Social Sciences on the Marist computer.

Prerequisite: PSYC 101 or SOC 101 or CRJU 101. PSYC 275 prerequisite for PSYC 276.

PSYC 317 Child Development *Three Credits LA*

Physical, intellectual, emotional and social aspects in the development of the personality of the child to early adolescent period. Priority to students in Special Education. Offered every Fall.

Prerequisite: PSYC 101

PSYC 321 Adolescence, Adulthood and Aging *Three Credits LA*

This course is focused on those stages of the developmental cycle commonly referred to as adolescence, adulthood, middle-age and senescence. Erikson's theoretical orientation to these stages will be considered in the light of current empirical data. Offered every two years.

Prerequisite: PSYC 101

PSYC 332 Fundamentals of Counseling *Three Credits LA*

Readings on history of counseling, roles of the counselor, various counseling approaches, legal and ethical aspects of counseling. Group interaction "lab" work: self exploration, understanding effective verbal and non-verbal behavior of the counselor. Offered every year.

Prerequisite: PSYC 101 and 201 or 203

PSYC 342 Psychological Foundations of Learning *Three Credits LA*

A survey of traditional and current theories of human and animal learning. This course includes topics in perception, attention, memory and forgetting in addition to the main areas of learning and conditioning. Emphasis is on experimental studies of the factors involved in simple and complex learning situations. Offered every year.

Prerequisite: PSYC 101

PSYC 348 Psychological Perspectives on Criminal Behavior *Three Credits LA*

Dual listed as CRJU 430

Focuses on a particularly psychological aspect to the Criminal Justice system: what the criminal knows about himself and how this affects his behavior. This topic is considered in the context of alternative answers to one question: What does society want from its convicts? That is, once a person has been caught and is serving a sentence, what goals would society like him to set for himself and what psychological obstacles stand in the way of him doing what society wants him to do? For example, it is stressed that a person's thoughts, beliefs, and attitudes are vital to defining his or her world. Consequently, a demand for rehabilitation may constitute requiring a convict to redefine his phenomenological world. The grounds on which such a demand is reasonable and legitimate are considered.

Prerequisites: PSYC 101 or CRJU 102

Corequisites: Junior Status

PSYC 355 Intrinsic Motivation/Theory and Application*Three Credits LA*

Focuses on understanding of intrinsic motivation drawn from both Edwin Deci's cognitive approach and a more humanistic orientation based in the work of Abraham Maslow, Victor Frankl and Bernard Lonergan. The course emphasizes the personal discovery within oneself of the force or dynamism which is subsequently labeled intrinsic motivation. The implications of intrinsic motivation for healthy development are examined.

Prerequisite: PSYC 101

PSYC 356 Development of Consciousness*Three Credits LA*

Focuses the development of consciousness as a personal construction. Reviews the distinction between the rational and intuitive modes of consciousness as these relate to hemispheric laterality. Examines our understanding of the development of consciousness from the perspective of C.J. Jung, Ira Progoff and Bernard Lonergan. Explores procedures for developing consciousness including the self-appropriation of generalized empirical method and Ira Progoff's Intensive Journal process.

Prerequisite: PSYC 101

PSYC 362 Measurement and Evaluation*Three Credits LA*

In this course, students examine the role of measurement and evaluation in regular and special education. Proceeding from an understanding of the essential qualities of all measurement instruments, including validity and reliability, students learn to plan, construct and analyze the results of classroom test, and to evaluate standardized tests. Test scores are summarized using measures of central tendency, variability and relationship, and are interpreted using norms and standard scores. Representative measures of aptitude and achievement for regular and special education populations, will be demonstrated. Students will also consider the current social and ethical implications involved in teaching. Offered Spring.

Prerequisite: PSYC 101

PSYC 371 Psychological Disorders of Childhood*Three Credits LA*

This course provides an introduction to the theoretical understanding of maladaptive behavior in children. Attention is given to the psychological, organic and social determinants of childhood psychopathology. Students examine assessment and classification procedure for childhood disorders, as well as a descriptive analysis of a range of specific maladies (e.g. childhood psychosis, neurotic behavior disorders, intellectual and cognitive disorders, antisocial behavior, psychophysiological disorders and others). In addition, the course reviews intervention strategies employed with children displaying deviant behavior, focusing on current psychological, environmental and biochemical therapeutic manipulations implemented in various settings. Finally, an overview of different prevention approaches are discussed.

This course is required for students enrolled in Special Education and is also appropriate for students planning to work with emotionally handicapped children in non-school settings. Offered every year.

Prerequisite: PSYC 101, 317

DESCRIPTION OF COURSES

PSYC 372 Psychoeducational Assessment of Educational Handicaps

Three Credits LA

This course provides an introduction to psychoeducational assessment in special education, with a focus on learning disabilities, behavior disorders and mental retardation. Emphasis is on assessment as a multifaceted process, which must proceed from an understanding of basic concepts of measurement and evaluation.

Students examine various instruments currently used for standardized and informal assessment of intelligence, achievement, perceptual motor skills, adaptive behavior, affect and language. Working with an individual child, the student selects appropriate evaluation instruments, administer and score the battery, and writes an evaluation report interpreting the results and suggesting an appropriate educational program.

Designed primarily for students who will become special education teachers at the elementary or secondary level, this course is also relevant for those who will become part of the support system for handicapped students, especially school psychologists and social workers. (Priority to Special Education students.) Offered every Fall.

Prerequisites: PSYC 101, 207

PSYC 392-393 Special Topics in Psychology I-II

Three Credits each LA

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every semester.

Prerequisite: Permission of chairperson

PSYC 401 Principles of Psychological Testing

Four Credits LA

This course encompasses an intensive review of the principles of test construction and the procedures involved in the administration, scoring and interpretation of both group and individual tests; a study of the major theories and techniques of intelligence, aptitude and proficiency testing; a survey of interest and preference tests; and an evaluation of personality and diagnostic tests. Offered every Spring.

Prerequisite: PSYC 101, 275; 4th semester or later transfer students may substitute MATH 130 and CMSC 103 for PSYC 275

PSYC 402-403 Psychological Research Methodology and Lab I-II

Four Credits each LA

Psychological Research Methodology I Emphasis on the experimental method of research in psychology. Class discussion and student projects teach the student how to read and critically evaluate popular and professional literature in psychology. Students plan, carry out, evaluate and write reports on their own experimental projects. Offered every Fall.

Prerequisite: PSYC 101, 275, and 276; 4th semester or later transfer students may substitute MATH 130 and CMSC 103 for PSYC 275 and 276

Psychological Research Methodology II The purpose of this course is to further develop the student's understanding of research methodologies used in Psychology so that he might be in a better position to evaluate and critically analyze studies reported in the literature, initiate research studies on his own, and in general, critically evaluate the methodologies used in psychological research. The course includes an in-depth review of the Experimental methods per se. In addition we review alternatives to the experimental method as gleaned from Campbell & Stanley's Experimental and Quasi Experimental Designs for Research.

A major portion of the course is spent in reviewing an alternative approach to psychological research, namely the human scientific approach using the phenomenological orientation. Offered every Spring.

Prerequisite: PSYC 101, 340, 275, 276, 4th semester or later transfer students may substitute MATH 130 and CMSC 103 for PSYC 275 and 276

PSYC 404 Introduction to Physiological Psychology and Lab*Four Credits LA*

A survey of issues, problems and current research findings on the mutual influence of activity in the nervous system with sensation, perception, feeling, thinking and behavior. Offered every Spring.

Prerequisite: PSYC 101

PSYC 405 Psychological Systems and Seminar*Four Credits LA*

A study of the historical development of psychology as a science by detailed analysis of the various systems and theories that contributed to its growth. Formal class presentations are required of all students relative to contemporary issues within the discipline. Offered every Fall.

Prerequisite: PSYC 101, 401, 402, 403-404

PSYC 477 Capping Course*Four Credits LA*

A capping course required for all Senior Psychology majors. To be developed and offered 1988-89.

PSYC 480-481 Internship I-II*Six Credits each*

This is a culminating experience designed for all senior majors in psychology. It consists of actual work experience under the direction of the professional staff of the participating agency in cooperation with the members of the department. Offered every Spring.

Prerequisite: Completion of all other requirements for the major

PSYC 485 Supervised Research*Three Credits LA*

This is a culminating experience designed for interested senior majors in psychology. It consists of the student designing and executing a research proposal under the direction of one of the members of the department. Offered every year.

RELIGIOUS STUDIES 79**REST 101 Introduction to the Old Testament***Three Credits LA*

A study of the scriptures of ancient Israel, which Jews call the Hebrew Bible and Christians call the Old Testament, tracing the development of religious tradition with attention to its meaning for the modern world. Offered annually.

REST 102 Introduction to the New Testament*Three Credits LA*

A study of the history and life of the early Christian church with emphasis on the basic themes of the New Testament and their impact on contemporary humanity. Offered annually.

REST 104 The Long Search: A Study of World Religions*Three Credits LA*

An introduction to the major religious traditions of the world and their relation to the cultures in which they developed, a survey which emphasizes the universality of religion and considers the impact of the religions of the world on America. Offered biennially.

REST 107 Introduction to Religion*Three Credits LA*

This introductory course asks about the many ways in which people over the centuries have turned to or from religion in achieving their human potential. Key themes include religious experience, religious faith, religious belief, secularism and atheism. Special emphasis will be on religion and global issues in the 20th century. Offered biennially.

REST 201 Religion in America*Three Credits LA*

An introduction to the study of religion in America, tracing the interrelationships of Judaism, Catholicism and Protestantism in a predominantly Protestant land. The influence of religion on American culture, and the cultural dimensions of American religion. Offered annually.

DESCRIPTION OF COURSES

REST 203 Principles of Christianity

Three Credits LA

A contemporary approach to the study of fundamental Christian principles beginning with an examination of human existence and centering on the person of Jesus viewed from the perspective of the modern world. Offered biennially.

REST 204 Principles of Judaism

Three Credits LA

A search for the heart of Israel's religion by tracing the key historical experiences of the Jewish people portrayed in the television series "Heritage: Civilization and the Jews." Intended as a very basic introduction to the Jewish faith, beliefs and life. Offered triennially.

REST 206 Contemporary Religious Education

Three Credits LA

Approaches to religious education in the family, the neighborhood, the nation and the world. Offered triennially.

REST 220 Contemporary Western Religious Thought

Three Credits LA

A study of 20th century Western religious thought with attention to the relationship between philosophy and theology. Discussions of selected writings of modern religious thinkers. Offered triennially.

REST 230 Religion and Politics

Three Credits LA

A study of politics in religion and religion in politics. The use and abuse of religion by political authorities, the use and abuse of the political order by religious authorities. Focus on the American experience. Offered triennially.

REST 231 Economics and Ethics

Three Credits LA

American economic and ethical systems, inter-related parts of the total American cultural system, are studied in the context of human values and human needs, especially those of Third World peoples. Offered triennially.

REST 232 Religion and Culture

Three Credits LA

Dual listed as ANTH 232

See ANTH 232 for course description.

Offered annually.

REST 310 Religion in Literature and Film

Three Credits LA

Dual listed as ENG 206

See ENG 206 for course description.

Offered triennially.

REST 330 Religion in Contemporary

Moral Life

Three Credits LA

This course deals with topical moral problems and (as Werner Schollgen suggests) proposes to "call to man, demanding a responsible decision with the scope of the foreseeable possibilities and consequences of his action." Those looking for quick and simple answers to complex questions will be disappointed in this course. Moustakas' assertion that "men are needed who are morally alive and able to communicate themselves directly with their fellow human beings" might be considered as a signpost for this course. The human person will be viewed as a responder to God in and through humanity. Offered biennially.

REST 335 Marriage and the Family

Three Credits LA

Dual listed as COMM 335

This course focuses on marriage as a relationship with special concern for the role of religion; the expectations of partners; their communication and sexuality; and parenthood and alternatives. Offered each semester.

Prerequisites: Permission of instructor

REST 392-393-394 Special Topics in Religion I-II-III

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered annually.

Prerequisite: Permission of divisional chairperson

REST 406 Psychology and Religion

Three Credits LA

This course provides a psycho-theological approach to understanding significant issues and questions in contemporary spirituality. The focus is on integration of theology with basic psychological theories, dynamics and techniques of counseling. Offered triennially.

REST 432 Religion and Human

Development

Three Credits LA

This course continues the interdisciplinary analysis of Marriage and the Family. It is designed to engage participants in research and discussion of the theological/educational foundations of faith development in the human life cycle. Focus will be on early and middle adulthood and later life. Some issues are: the significance of the "life crisis" in the development of faith, the creation of family, sexuality and spirituality and the problem of loss—death, divorce, separation. Offered annually.

Prerequisite: Permission of instructor

NOTE: Courses offered "When there is sufficient student interest" can be taken on an independent study basis with permission of the instructor and the divisional chairperson.

RUSSIAN 81

RUSS 101-102 Elementary Russian I-II

Three Credits each LA

Emphasis is placed on the acquisition of the fundamental skill of understanding, speaking, reading and writing. Offered every two years.

RUSS 103 Basic Intensive Russian I

Six Credits LA

An intensive basic course utilizing an audio-lingual approach and a modified independent learning procedure, designed to give the beginning student a good foundation in the four skills of comprehension, speaking, reading and writing. Supplementary slides and films for both language and cultural exposure are provided. Offered when there is sufficient student interest.

RUSS 104 Basic Intensive Russian II

Six Credits LA

A continuation of Basic Intensive Russian I. Offered when there is sufficient student interest.

Prerequisite: RUSS 103

RUSS 105-106 Intermediate Russian I-II

Three Credits each LA

A continuation of the elementary course. The basic language skills are pursued more intensively and thoroughly. Offered every two years.

Prerequisite: RUSS 102 or sufficient background in Russian

RUSS 201-202 Advanced Russian I-II

Three Credits each LA

Extensive use of idiomatic Russian in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language. Offered every two years.

Prerequisite: RUSS 106 or sufficient background in Russian

DESCRIPTION OF COURSES

RUSS 220 Major Russian Writers I

Three Credits LA

Dual listed as ENG 262

Selective study of 19th century Russian short story, tale and novel with an emphasis placed on the works of Pushkin, Lermontov, Gogol, Goncharov, Leskov, Turgenev, Tolstoy and Dostoevsky. Taught in English. Offered at least once in three years.

RUSS 221 Major Russian Writers II

Three Credits LA

Dual listed as ENG 263

Selective study of 20th century Russian drama, poetry and prose with an emphasis placed on the works of Chekov, Gorky, Kuprin, Blok, Pasternak, Bunin, Sholokhov, Solzhenitsyn and Nabokov. Taught in English. Offered at least once in three years.

RUSS 223 Soviet Union: Land, People and Culture

Three Credits LA

A course in Russian culture, with a focus on the Russian people, their heritage, traditions, abiding institutions and way of life. Some specific areas covered: the Russian Orthodox Church; the concept and historical manifestation of the state and its impact on the Russian man; the arts; folklore; education; cuisine; and others. Considerable coverage of the Soviet Union, its various ethnic groups and national cultures. At least forty percent of the content is covered through use of multi-media materials. Offered every year.

RUSS 320 Dostoevsky

Three Credits LA

Dual listed as ENG 364

Reading and study of Feodor Dostoevsky's major works. Analysis of his art and ideas from social, psychological, religious and literary perspectives. Taught in English. Offered at least once in three years.

RUSS 321 Tolstoy

Three Credits LA

Dual listed as ENG 365

Reading and study of Leo Tolstoy's major artistic prose. Analysis of the author's stylistic and ideological development in light of biographical fact. Taught in English. Offered at least once in three years.

RUSS 392-393 Special Topics I-II

Three Credits each LA

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every semester.

Prerequisite: Permission of Divisional Chairperson

RUSS 477 Capping Course

A capping course required for all Senior Russian majors. To be developed and offered 1988-89.

SCIENCE 85**SCI 160 Science, Technology and Human Affairs***Three Credits LA*

The objective of the course is to introduce students to specific areas of science that have special impact on today's society. Emphasis is placed on sensitizing students to the problems created by recent advances in science. Offered every semester.

SCI 300 Science, Medicine and Ethics*Three Credits LA*

This course addresses the moral implications of some of the recent advances in science and medicine. Major ethical advances in science and medicine. Major ethical approaches to making responsible decisions are explained by the case study method. Offered upon sufficient student demand.

SCI 397-398-399 Natural Science Field Intern Program I-II-III*Three-Six-Nine Credits*

A Natural Science Division offering for junior and senior science majors wishing to do work in various scientific agencies in the Dutchess County area. Offered annually.

Prerequisite: Permission of instructor required

SCI 490-491-492 Special Projects in Science I-II-III*One-Two-Three Credits LA*

Courses designed to allow a science major the opportunity to pursue an independent study project in science in an area not covered in regular course offerings. The project may be either library or laboratory oriented. One to three credits may be taken per semester up to six credits. Students interested in signing up for a course must first prepare an outline of the proposed project and have it approved by their advisor. Assignment of credit is worked out between the advisor and Divisional Chairperson. Evaluation and assignment of credit is contingent upon submitting a final written report. Offered annually.

SOCIOLOGY 88**SOC 101 Introduction to Sociology***Three Credits LA*

Introduction to the study of human behavior through the sociological framework; a study of social organization, culture, socialization, primary groups, associations, collective behavior, population, stratification and human ecology. Offered every year.

SOC 102 Social Problems*Three Credits LA*

An analysis of persistent and developing problem areas in American sociology; family, education, politics, economics, race and social deviance. Offered every year.

Prerequisite: SOC 101

SOC 211 Social Deviance*Three Credits LA*

Formal and informal definitions of deviance and deviants, differentiation of deviant populations and the organization of social control activities and people-processing institutions. Special emphasis is placed on analyzing deviance in relation to conflict theory and social learning theory. Offered every year.

Prerequisite: SOC 101

SOC 220 Sociology of Religion*Three Credits LA*

An introduction to the specific study of religion which is anthropological, psychological and sociological. A study of how cultural systems, human individuals and social structures influence religion, and how religion in turn influences them.

Prerequisite: SOC 101

SOC 221 Social Conflict and Conflict Resolution*Three Credits LA*

Analysis of factors associated with the occurrence or intensity of conflict, violence and war. Study of the functions of conflict and the task of conflict management in group or societal maintenance and change. An analysis of the dynamics of peacemaking, exploring this phenomenon in its sociological dimensions. A consideration of religious motifs, explicit and implicit, at work in the social conflicts of our day. Offered upon sufficient demand.

Prerequisite: SOC 101

DESCRIPTION OF COURSES

SOC 223 Juvenile Delinquency

Three Credits LA

Dual listed as CRJU 223

Definitions of delinquent behavior and contributing social problems. Adolescence as a sub-culture. The philosophy and practice of the adjudication process for juveniles. Treatment procedures. Offered every year.

Prerequisite: SOC 101

SOC 230 Urban Sociology

Three Credits LA

Composition, patterns of growth and decline, urban ecological patterns, metropolitan planning, urban regions, social structure of cities and problems of urban living. Offered at least once in two years.

Prerequisite: SOC 101

SOC 231 Sociology of the Black Community

Three Credits I A

A survey of the distinctive features of the Black community. Survival and coping techniques such as individual and group processes are examined. The relationship of the Black community to other segments of the U.S. community will be explored: education, administration of justice, drug abuse, economics of the ghetto, the family. Offered every year.

Prerequisite: SOC 101

SOC 232 The Spanish-Speaking Minorities in the United States

Three Credits LA

Study of the larger Spanish-speaking populations in the different regions of the United States. The relationships they have with the Anglo community as well as among one another is examined. Other topics explored: welfare, drug abuse, property, cultural identity, gangs, health and housing. Offered every year.

Prerequisite: SOC 101

SOC 235 Sociology of Minorities

Three Credits LA

This course introduces the student to the sociological theories that explain the role and function of minority cultures and undervalued groups in American society. The phenomena of prejudice and discrimination will be explored from the sociological perspective. The student will develop an understanding of the methods and skills of the discipline as they are used to study minorities and undervalued groups.

Prerequisite: SOC 101

SOC 341 Social Change

Three Credits LA

The major social changes in the modern world with special emphasis on changes in contemporary America and comparable changes in other countries. Among these are the growth of the middle classes and their cultures; rural-urban merger; leisure and youth cultures; changes in family, work, school and social affiliation habitats. The course includes a survey of the most important changes associated with industrial and urban growth in the past century, with special stress on classic sociological theory and studies of qualitative change in the 1950's and 1960's. Some attention is also given to cultural innovation and diffusion processes, and attempts at social engineering. Offered every year.

Prerequisite: SOC 101, priority to Social Work majors

SOC 342 Sociology of Community

Three Credits LA

The basic nature of the human community in its ecological, cultural and political aspects. The folk, rural, and urban community considered from the standpoint of structure and function. Social change and the problems arising therefrom. Offered at least once in two years.

Prerequisite: SOC 101

SOC 343 Sociology of Education*Three Credits LA*

An analysis of the role of education to social organization, social change and social control. The sociological perspectives in the history of education and social change in the schools. Role conflicts in the schools, social class influence on the school system, bureaucracy in education and the school in its power environment. Offered upon sufficient student demand.

Prerequisite: SOC 101

SOC 392-393 Special Topics in Sociology I-II*Three Credits only LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: SOC 101 and permission of divisional chairperson

SOC 440 Social Theory*Three Credits LA*

Study of the major schools and theorists in sociology today. Focus on such schools as functionalism, symbolic interactionism, the conflict school, exchange theory and social action theory; and on such theorists as Parsons, Merton, Marx, Homans, Gouylndner, Blau, Dahrendorf, Coser and Durkheim. Attempts made to show convergences in theory and the possible direction of future theory. Offered every year.

Prerequisite: SOC 101 and a 200 level Sociology course, priority to Social Work majors.

SOC 480 Social Research Methods*Three Credits LA*

This course introduces the student to the application of scientific methods to uncover the regularities in social reality. The objective is to have students carry out their own research designs. Topics include: hypothesis formation, model building, causation, reliability and validity constraints, experimental protocols, interview techniques, survey data collection, including defining a probability sample, preparing scales and data analysis. Employment of basic descriptive statistics, measures of dispersion and correlation. Offered every year.

Prerequisite: SOC 101. MATH 101 is recommended, priority to Social Work majors

SOCIAL WORK 89**SOCW 230 Introduction to Social Work***Three Credits LA*

Introduction to Social Work is intended as a foundation for students with some interest in working towards the bachelor of science degree in social work. It is a prerequisite for all other courses required in the social work major. This course is appropriate for any student interested in the expanding field of the helping services and professions. Students will be introduced to the history of social work, to the structure and purpose of social work and to the implications for social work practice in a changing society. Offered every year.

SOCW 330 Social Service: Theory & Practice*Three Credits LA*

This course introduces the varieties of treatment modalities examined in light of their theoretical and practical applications, including casework, group work, community organization, research and administration. Current trends and issues in social work and social welfare are analyzed. This course is designed to help professionals and paraprofessionals. Special attention is given to evaluation of the relevancy of social services in treating the problems of today's society. Offered every year.

Prerequisite: SOCW 230 or permission of instructor

DESCRIPTION OF COURSES

SOCW340 Social Work with Children and Adolescents

Three Credits LA

This course provides an overview of supportive, supplemental and substantive services for children and their families. Special emphasis on the history, methods and trends of social work concepts and services designed to reinforce, maintain or substitute for impaired family or societal functioning.

Prerequisites: SOCW 230 or SOC 101 or PSYC 101

SOCW 343 Social Work With the Aging

Three Credits LA

This course provides an overview of issues in the field of aging which are related to social work practice. Changes among the elderly such as health, finances and social roles are studied with particular reference to potential need for assistance. Various ways in which the practitioner works with older people and the role of social workers in developing social policy on aging are explored.

Prerequisites: SOCW 230 or PSYC 321 or permission of instructor

SOCW 344 Social Welfare: Policies and Analysis

Three Credits LA

This course surveys the evolution of major social welfare programs and analyzes recent government responses to social welfare needs in the United States. Emphasis is placed on analysis and alternatives to current social welfare policies and programs. Content includes: social welfare as a right or principle, models of government programs, social welfare structures and social insurance. Offered every year.

Prerequisite: SOC 101 and SOCW 230

SOCW 345 Human Behavior in the Social Environment

Three Credits LA

Examination of goals, role performance and self-concept of the individual as influenced by rapid evolution of society from community to task-oriented organization; membership in visible minority or lower-income group; family membership and participation in other personally significant groups; biological, psychological and cultural factors prominent during the stages of the life cycle. Offered every year.

Prerequisite: Permission of instructor or SOC 101 and SOCW 230

SOCW 380 Social Work Methods I

Four Credits

Assumptions, concepts, principles and values of social work practice are examined in relation to the interviewing processes. This course explores a holistic approach to individual, family, group and societal practice. Focus is on beginning the social work process: engagement, data collection, analysis. Students must participate as a volunteer in a social agency. Offered every year.

Prerequisite: SOCW 330; open to majors only

SOCW 381 Social Work Methods II

Three Credits

This course is a continuation of Social Work Methods I. Using the holistic approach, this course focuses on modalities of intervention, and the process of evaluation and termination. The change agent, client, action and target systems are synthesized in generic social work practice. Offered every year.

Prerequisite: SOCW 380; open to majors only

SOCW 392-393-394 Special Topics in Social Work I-II-III

One to Three Credits each LA

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: SOCW 330 and permission of program director and divisional chairperson

SOCW 395 Social Work with Minorities*Three Credits LA*

This course is designed to heighten the student's knowledge, awareness and tolerance of differences among people, as well as raising consciousness and sensitivity to the kinds of problems in which these differences result. Racial minorities as well as under-valued groups will be studied in the context of language, poverty, powerlessness, racism and sexism. Frameworks for social work practice will focus on how social workers can be equipped to improve the status of minorities. Offered every year.

Prerequisites: SOC 101 and SOCW 235

SOCW 476 Senior Integrative Seminar*Three Credits LA*

Students integrate concepts developed in social science courses, social work courses and field instruction. Students also elaborate upon issues they anticipate experiencing as professional social workers, on the basis of their own personalities and values and the manner in which social work is currently practiced. Offered every year.

Prerequisite: SOCW 380; open to majors only, taken concurrently with SOCW 482-483

SOCW 477 Capping Course/Senior Integrative Seminar II

A capping course required for all Senior Social Work majors. To be developed and offered 1988-89.

SOCW 482-483 Practicum in Social Work I-II*Four Credits each*

These two courses provide students with opportunities to acquire skill in social work practice and to test in a field setting the theories and principles learned in the classroom. Students are assigned to social agencies where, under the supervision of professional social workers, they learn by directly participating in the delivery of social work services. Offered every year.

Prerequisite: SOCW 380; open to majors only, taken concurrently with SOCW 381, 476-477

SPANISH 92**SPAN 101-102 Elementary Spanish I-II***Three Credits each LA*

Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading and writing. Through the language study, the student is introduced to the various Hispanic cultures. Offered every year.

SPAN 105-106 Intermediate Spanish I-II*Three Credits each LA*

A continuation of the elementary course. The basic language skills are pursued more intensely and more thoroughly. Offered every year.

Prerequisite: SPAN 102 or sufficient background in Spanish

SPAN 150 The Civilization of Spain*Three Credits LA*

A study of the Spain of today and the Spain of the past, its customs, culture, history, literature and fine arts. This course is offered in English and requires no knowledge of Spanish. Offered when there is sufficient student interest.

SPAN 152 The Civilization of Latin America*Three Credits LA*

A study of the culture, history and fine arts of the Latin American countries: Mexico, Central America, the Caribbean area and South America. This course is offered in English and requires no knowledge of Spanish. Offered when there is sufficient student interest.

SPAN 153 The Civilization of Puerto Rico*Three Credits LA*

An in-depth study of Puerto Rico and its people, their history, culture, customs, literature and fine arts. This course is offered in English and requires no knowledge of Spanish. Offered when there is sufficient student interest.

DESCRIPTION OF COURSES

SPAN 154 Civilization: Hispanics in the United States

Three Credits LA

A core course which aims to provide a basic appreciation and understanding of the cultures and values of the Spanish-speaking in the United States, especially Mexicans, Puerto Ricans, Cubans and Central Americans. The customs, modes of thought, and values as seen in the literature, art and music of these people living in the United States will be studied. An examination of the origins and developments of these cultures, which will require studying the mother countries, will be followed by a comparative study with those of other Americans in the United States. No Spanish language background is necessary for the student. Offered annually.

SPAN 201-202 Advanced Spanish I-II

Six Credits LA

Extensive use of idiomatic Spanish in conversation and composition to broaden the student's linguistic and cultural knowledge of the language. Offered every year.

Prerequisite: SPAN 106 or sufficient background in Spanish

SPAN 220 Latin American Literature in Translation

Three Credits LA

Dual listed as ENG 264

A brief introduction to the origin and development of Latin American Literature followed by a selective study of the major twentieth century poets and novelists which include Borges, Machado de Assis, Vallejo, Neruda, Fuentes and Garcia Marquez. Offered when there is sufficient student interest.

SPAN 222 Spanish Literature in Translation: The Novel

Three Credits LA

Dual listed as ENG 261

A study of the Spanish Picaresque Novel, the works of Cervantes and representative works of the nineteenth and twentieth centuries. Offered when there is sufficient student interest.

SPAN 250 Hispanic Civilization: Spain

Three Credits LA

The cultural development of Spain through the study of its history, geography, literature and fine arts. Offered every Fall.

Prerequisite: SPAN 202, 282 or sufficient background in Spanish

SPAN 260 Hispanic Civilization: Latin America

Three Credits LA

The cultural development of Latin America through the study of its history, geography, literature and fine arts. Offered every Spring.

Prerequisite: SPAN 202, 282 or sufficient background in Spanish

SPAN 281-282 Spanish Conversation and Culture I & II

Three Credits each LA

Emphasis is placed on developing conversational ability and a better understanding of the cultures of Spanish-speaking countries. Other language skills are also given attention. Offered every year.

Prerequisite: SPAN 106 or a good secondary school background.

SPAN 300 Spanish Study Tour

Three Credits LA

An inter-semester or summer travel-study course in a Spanish-speaking country. Formal and informal language and culture classes will be given during the trip. Offered when there is sufficient student interest.

Prerequisite: SPAN 105-106 or equivalent background

SPAN 305-306 Advanced Intensive Spanish I-II

Three Credits LA

An intensive advanced course designed for Spanish majors, minors and students with sufficient background in Spanish. This course will be beneficial to students preparing to study in a Spanish-speaking country. Advanced conversation and composition will be stressed, and at the same time the student will be exposed to Spanish and Latin American culture and civilization. Offered when there is sufficient student interest.

Prerequisite: SPAN 106 or a good secondary school background

SPAN 315 The Experience of Hispanic Literature*Three Credits LA*

The suggested first literature course for Spanish majors and the recommended literature course for the Spanish minors. An overview of the origins and developments of the literatures of Spain and Hispanic America to the present time that will include a general introductory study of poetry, drama, the short story and the novel. Offered every Spring.

Prerequisite: Upper level Spanish language course or sufficient background in Spanish

SPAN 392-393 Special Topics in Spanish I-II*Three Credits each LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every semester.

Prerequisite: Completion of majority of the major field requirements and permission of divisional chairperson

SPAN 394-395-396 Internship in Spanish*One-Two-Three Credits*

Qualifying students engage in work experience with various companies or agencies. Work performed, assigned readings and a seminar project (for three or more credits) constitute the basis of the experience. Number of credits is determined beforehand by mutual consent. The internship should generally complement the student's minor. Offered every semester, intersession and summer.

Prerequisite: SPAN 410, 250, 260; permission of faculty coordinator

SPAN 410-411 Spanish Composition I-II*Three Credits each LA*

Designed particularly for Spanish majors, minors and bilingual students who wish to perfect their written Spanish, this course offers intense written practice in Spanish. Offered every other year.

Prerequisite: SPAN 202 or 282 or sufficient background in Spanish

SPAN 412-413 Advanced Conversational Spanish I-II*Three Credits each LA*

Designed particularly for Spanish majors, minors and bilingual students, the topics of conversation will center around the culture, history and literature of the Hispanic world. Offered every other year.

Prerequisite: SPAN 202 or 282 or sufficient background in Spanish

SPAN 420 Medieval Spanish Literature*Three Credits LA*

From the earliest works of Spanish literature up to and including the literature of the Renaissance period. Offered every three years.

Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 421 Spanish Literature of the Eighteenth and Nineteenth Centuries*Three Credits LA*

Neo-classicism, Romanticism, Realism. Offered every three years.

Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 422 Contemporary Spanish Literature*Three Credits LA*

The generation of 1898 to the present. Offered every two years.

Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

DESCRIPTION OF COURSES

SPAN 423 Golden Age Drama

Three Credits LA

A detailed study of representative plays of Lope de Vega, Tirso de Molina, Calderon de la Barca and several other dramatists of this period. Offered every three years.

Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 424 Cervantes

Three Credits LA

The life and writings of Cervantes with a detailed study of the *Quijote*. Offered when there is sufficient student interest.

Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 425 Golden Age Prose and Poetry

Three Credits LA

A study of the outstanding poets and prose writers of the Golden Age period. Offered when there is sufficient student interest.

Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 430-431 Spanish American Literature I-II

Three Credits each LA

A survey of the major trends in the literature of Hispanic America. Extensive reading of representative works. SPAN 431 is offered every two years.

Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 477 Capping Course

A capping course required for all Senior Spanish majors. To be developed and offered 1988-89.

SPAN 480 Seminar

Three Credits LA

Intensive study of one movement, author or literary characteristic. Offered when there is sufficient student interest.

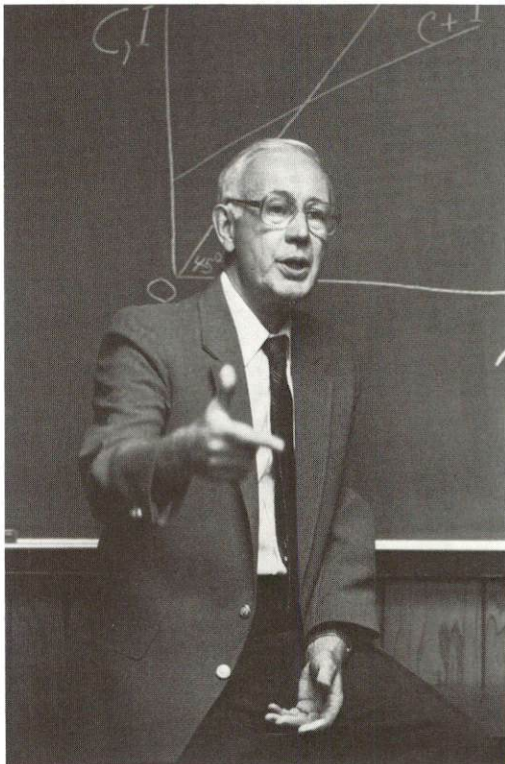
Prerequisite: Completion of most of the major field requirements

SPAN 493-494-495 Advanced Internship in Spanish

Nine, Twelve or Fifteen Credits

Students who have distinguished themselves in Spanish may apply for this internship requiring habitual use of Spanish. Completion of major requirements, course prerequisites, departmental screening and acceptance by the company or agency are necessary for participation. Work performed, assigned readings and a seminar project constitute the basis of the experience. The student submits weekly reports, is periodically visited by faculty coordinator and is evaluated at the end of the internship by the sponsoring supervisor. Students may be placed at home or abroad. Number of credits is determined beforehand by mutual agreement. Offered every semester and summer.

Prerequisite: Senior Spanish major; permission of coordinator; minor or strong concentration in another discipline needed for the work



Tuition and Fees

STATEMENT OF FEES

(These are 1987–88 fees. Subject to change in 1988–89.)

TUITION

Full Time Per Semester \$3335.00
(Full Time Rate allows students to take 12–16 credits. Students taking more than 16 credits will be charged the per semester hour rate for each credit over 16.)

Per Semester Hour \$ 191.00
(Per credit cost for students taking less than 12 credits, or for each credit taken over 16 credits.)

Room and Board (per semester, double occupancy) \$2011.00
Dormitory and Cafeteria facilities are officially closed during the following periods of their respective semesters:

Fall '87 Semester

Oct. 24–Oct. 26, 1987
Nov. 26–Nov. 29, 1987

Fall Recess Weekend
Thanksgiving Weekend

Spring '88 Semester

March 12–March 20, 1987
April 1–April 3, 1987

Spring Recess
Easter Weekend

NOTE: Extra room and board charges will be assessed during Christmas, Mid-semester break, Spring recess and summer vacation period.

Gartland Commons / Townhouse Fee, per semester \$ 125.00
Charged to all students residing in college Townhouses & Gartland Commons.

General Tuition Deposit \$ 150.00
Payable by all students upon their acceptance. It is refundable if notice of intention not to attend Marist College is received by the Director of Admissions prior to May 1 or date indicated on acceptance letter. After this date all payments are non-refundable.

General Residence Deposit \$ 200.00
This general deposit is payable by all resident students upon their acceptance. \$50.00 is applicable to Residence Hall Security Deposit; the balance is applicable to semester room and board upon registration. It is refundable if notice of intention not to attend Marist College is received by the Director of Admissions prior to May 1 or date indicated on acceptance letter. After this date all payments are non-refundable.

Room Reservation Deposit for all returning students (non-refundable) \$ 75.00
Due on or before April 1 for the following Fall semester; due on or before December 1 for the following Spring semester.

Residence Hall Security Deposit \$ 75.00
Payable each Fall semester prior to first day of class or upon return from off-campus status. Applicable to all residence hall damages for which a student is personally responsible as well as common damages in the student's residence hall and/or floor. The balance is credited to the student's financial account at the end of each academic year (June). The credit will be carried forward to reduce the next year's residence hall charges.

TUITION & FEES

Refunds will be disbursed upon graduation, withdrawal from the residence hall or at the end of each academic year if requested. Students withdrawing from college residence halls for any reason, other than academic dismissal, health or official leave of absence before the end of any semester will forfeit this deposit to the college.

<i>Room Key Fee</i>	\$ 15.00
Charged against a student's account if his or her room key is not returned at the end of the academic year or upon withdrawal from the residence halls.	
<i>Orientation Fee (Non-refundable)</i>	\$ 30.00
Payable by all incoming full-time freshmen and transfer students for orientation presentations and materials.	
<i>Single Room Fee, per semester</i>	\$ 75.00
If room permits, a single room may be available. Application must be made for same to the Housing Office at the time of room reservation. Assignment of single rooms is on first-come, first-served basis.	
<i>Matriculation Fee (Non-refundable)</i>	\$ 25.00
This fee is payable immediately upon the student's acceptance and registration for a degree program.	
<i>Application Fee (Non-refundable)</i>	\$ 25.00
<i>Reacceptance Deposit (Non-refundable)</i>	\$ 25.00
Payable by all students readmitted to Marist after a leave of absence. This fee reserves academic space and is applied to indicated semester charges upon registration.	
<i>Registration Fee (Non-refundable)</i>	\$ 10.00
Payable each semester.	
<i>Late Registration Fee</i>	\$ 25.00
Additional charge when a student fails to register during the designated registration period.	
<i>Activities Fee, Full-time student</i>	\$ 40.00
Payable each semester. Refundable according to Tuition Policy.	
<i>Activities Fee, Part-time student</i>	\$ 10.00
Payable each semester. Refundable according to Tuition Policy.	
<i>Student Accident Insurance</i>	\$ 7.00
All full-time students are required to be covered under blanket policy. Billable each semester. (Fee dependent on contract.)	
<i>Degree Fee</i>	\$ 25.00
(Payable by all students upon completion of degree requirements.)	

TUITION & FEES

<i>Advanced Placement/College Proficiency Examination Fee</i>	15.00 per credit hour
No charge where credits are waived. When credit and/or grade is given in lieu of formal course work, fee is \$15.00 per credit hour.	
<i>Deferred Examination and Re-examination Fee</i>	\$ 10.00
<i>Financial Aid Transcript Fee</i>	\$ 3.00
<i>Lost I.D. Fee</i>	\$ 5.00
Payable when a replacement is requested by a student.	
<i>Transcript Fee</i>	\$ 3.00
Payable at the time of request.	
<i>Returned Check Fee</i>	\$ 5.00
Charged for any check returned from a banking institution due to insufficient funds or other reasons. This fee will also be assessed for checks cashed on campus and returned by the bank.	
<i>Laboratory Deposits</i>	
Certain science departments require internal key and breakage deposits which are refundable at the end of the semester, providing all materials are returned intact.	

REPEATED COURSES

Any student repeating a course due to failure or intent to raise a grade is chargeable for the stated number of credits at the regular per hour rate.

PAYMENT OF FEES

All students registering at Marist College are required to pay tuition fees in full on or before Opening Day. Freshman and Transfer students are not eligible for a deferred payment plan their first semester.

Returning students may elect a deferred payment plan upon prior written approval of the College Business Office in the form of a Promissory Note. Contact the College Business Office for details. Tuition and Fees on the deferred payment plan are payable according to the following schedule:

Fall Semester

August 17

(1/2 Tuition and Fees, together with an approved Promissory Note due at Business Office)

*October 16

(Balance of bill due)

Spring Semester

January 7

(1/2 Tuition and Fees, together with an approved Promissory Note due at Business Office)

*March 4

(Balance of bill due)

*A service charge of 2% of the any unpaid balance will be added to all accounts on October 19 (Fall) and March 7 (Spring).

Summer Semester and Winter Intersession

All tuition and fees in full at time of registration. No deferred payment plan.

STUDENTS WHOSE TUITION OR NDSL ACCOUNTS ARE IN ARREARS WILL NOT BE PERMITTED TO REGISTER, AND WILL NOT BE AWARDED DIPLOMAS OR ISSUED TRANSCRIPTS OF RECORD.

TUITION & FEES

The College also cooperates formally with three independent agencies which arrange for financing of college costs on monthly payment basis of one to six years. All plans include attractive insurance clauses which provide for coverage of college expenses in the case of death or disability of the parent. Information about any agency may be obtained either by writing directly to the agency listed below, or by inquiry to the Business Office of Marist College.

Insured Tuition Plan
6 St. James Avenue
Boston, Mass. 02116

The Tuition Plan, Inc.
Concord, New Hampshire 03301

Academic Management Services
1110 Central Ave.
Pawtucket, RI 02861

FINANCIAL ASSISTANCE

Students who are recipients of any type of financial scholarship or assistance must present evidence of this to the Business Office at the time of registration or as soon as received.

Deductions from semester billings for specified grant amounts may be made *only* upon official notification to the student and College. All awards not officially acknowledged and presented to the Business Office before fee deadlines will be subject to a service charge.

The Business Office prefers payment by check. Payments must be made on or before Opening Day, either by mail or in person at the Business Office.

Requests for complete statement of charges and receipt of payments should be made in writing to the Business Office at the time of final payment. The receipt will be mailed directly to the student.

REFUNDS

Since engagements with instructors and other provisions for education and residence are made in advance by the College for the entire year, the refund rule for each category will be as follows:

Tuition:

In the event a student withdraws from the College during the first week of the semester, the total amount of tuition will be refunded. After the first week, and before the beginning of the fourth week, a refund of one-half tuition will be made. After this time, no refund will be allowed. (*See Academic Calendar for specific dates concerning these refunds.*)

To withdraw from a course, a student must notify the Registrar in writing. A form is provided for this purpose and may be obtained at the Registrar's Office. Simply notifying the classroom instructor or the Dean is insufficient. Procedures to be followed are outlined in this form. In computing the refund, the Business Office accepts the date that the completed form has been received in the Registrar's Office.

Disbursement of funds must be requested through the Business Office. Disbursements, if due, will be made within four weeks after the date on which the students period of enrollment ends.

Room:

Should a new student withdraw from the College during the first three weeks of the semester, an assessment of \$200.00 will be charged to cover room fees for this period. Any student who withdraws from the dormitories but not from the College during the *first week* of a semester will be charged fifty dollars for room and will forfeit his/her room reservation. Should a student withdraw from the dormitories after the first week and before the beginning of the fourth week, a refund of one-half room charge will be made. For any withdrawal from the dormitories after the beginning of the fourth week, no refund will be allowed. (*Refer to Academic Calendar for specific dates; i.e., tuition refund, etc.*)

Any student withdrawing from the Residence Halls must officially notify the Housing Office in writing. Date of receipt of this notice by the Housing Office will be used in determining refund.

Board:

A refund for the remainder of the semester following the date of the student's withdrawal may be made at the per diem college rate. The date used will be the official notification of withdrawal to the Housing Office.

EXCESS FINANCIAL AIDS:

NO REFUNDS of excess financial aids will be processed until after the one-half tuition refund period is over. (*See Academic Calendar for specific dates concerning these refunds.*)

Financial Aid

MEETING COLLEGE COSTS

Financing a college education is a serious problem to many men and women. Recognizing that a college education is expensive, students should consider the total cost of their education and not just the costs of the initial year. Besides the usual sources—family assistance, personal savings and summer earnings—there exists a variety of ways to pay college costs. These are generally referred to as student financial aids. They consist of scholarships, grants, loans and earnings from part-time work while in school.

If students expect to need financial assistance to meet their total expense at Marist College, it would be wise for them to apply for this assistance while applying for Admission to the College. Applying for financial assistance as incoming freshmen is beneficial in two ways: (1) it is much easier for upperclassmen to secure a renewable grant or loan than an initial one; and (2) there is an early familiarization with financial aid programs which would help to preclude a financial crisis as upperclassmen.

PURPOSE OF FINANCIAL AID

The primary purpose of student financial aid at Marist College is to provide assistance to students who could not otherwise attend Marist College. The basic premise of student financial aid is that the primary responsibility for meeting college costs rests with the family. The extent of the family's responsibility in this regard is measured through a uniform analysis of data submitted by the family on a comprehensive financial statement. (The Financial Aid Form from the College Scholarship Service or the Family Financial Statement from the American College Testing Program are the primary instruments used at Marist College.)

The difference between the total college costs (tuition, fees, room and board, transportation, books and personal expenses) and the assessed ability of the family to contribute to the costs is the student's financial need. Student financial aid is intended to meet this need.

With the exception of limited scholarship funds, student financial aid at Marist College is awarded on the basis of need and academic achievement. Awards are made without reference to racial or ethnic origin, sex, age or physical disability. Awards are made either singly or in the form of a "package" that is a combination of scholarship/grant, loan and work awards.

Student financial aid is awarded from two sources: (1) the college and (2) outside agencies such as the federal government, individual states, various public and private agencies, organizations or companies. The following pages contain detailed descriptions of the financial aid.

FINANCIAL NEED

It has been previously stated that the financial need of a student is the difference between total college costs and the assessed ability of the family to contribute to these costs. The following is an explanation of College Budget, Family Contribution and packaging.

1. College Budgets—Budgets should reflect the hidden cost of education as well as the obvious costs. The estimated college cost that appears at the top of an award letter from the Financial Aid Office includes the following:

- tuition and fees for a 24–32 credit year
- charges for room and board
- books (estimated at \$300)
- transportation (estimated at \$150)
- personal expenses (estimated at \$400)

This budget is used for dependent students living on or off campus. Students living with their parents will have a budget that reflects estimated room and board costs of \$1100 for the year, \$400 transportation, and \$400 personal expenses.

Budgets for independent students will reflect their marital status, as well as their number of dependents. The budgets are reviewed each year to insure that they are fair estimates of the total cost of education.

FINANCIAL AID

2. **Family Contribution**—This figure is determined through a standard needs analysis of the information provided on the Financial Aid Form or the Family Financial Statement. The needs analysis takes a number of factors into consideration: income, asset equity, size of family, number of family members attending college on at least a half-time basis, age of major wage earner and whether both parents are working. A student's assets are also assessed, and dependent students are expected to have savings from summer employment (\$800 for freshmen, \$1000 for sophomores, \$1200 for juniors and seniors.)
3. **Meeting Need**—In "packaging" a student with a variety of funding, the college will estimate grants from the entitlement programs not directly administered by the college: Pell (Basic) Grants and the NYS Tuition Assistance Program (TAP). The ability of the college to meet remaining need is based on the number of needy students applying for the funding levels for the programs. To assist as many students as possible, the college may set a maximum award for a particular program at a level below that which is legislated. Due to the limited amount of financial aid dollars available, Marist College awards financial aid to students who are enrolled on at least a half-time basis (6 credit hours). Priority is given to full-time students.
4. **Deadlines**—It is important to meet the college's deadline for application for financial aid. While financial aid is awarded on the basis of need, it is also awarded on a first-come, first-served basis. This has implications for following years since priority is given to previously awarded students. The deadline for financial aid for incoming students is March 1 while the deadline for returning students is April 15.
5. **Reconsiderations**—In the event that a student's financial situation changes despite any financial aid already awarded and the student is unable to meet the cost of attending Marist College, he or she may submit a written request to the Financial Aid office to be reconsidered for additional funding. The request should detail the cause and extent of the student's additional financial need. Reconsiderations will be met depending upon availability of funds.

APPLICATION PROCEDURES

1. All incoming and returning students must complete the Financial Aid Form (FAF) and send it to the College Scholarship Service (CSS), CN6343, Princeton, New Jersey 08541 for processing. All students are requested to fill out the Supplemental Section of the FAF. It will take CSS four to six weeks to process the form. Therefore, in order to meet the above-stated deadlines for filing for financial aid, incoming students should file the FAF by January 15, while returning students should file by March 1. If the FAF is completed after these dates, a photostatic copy of the FAF should be sent directly to the Financial Aid Office and the original mailed to CSS.
In lieu of FAF, the Family Financial Statement (FFS) may be filed.
2. In addition to the FAF, returning students must also submit a Marist College application for Financial Aid, a signed photostatic copy of their 1986 tax return and a signed photostatic copy of their parent(s) 1986 Federal income tax return. An IRS Form 4506 (request for copy of a tax return) must be filed when no copy is available or if no return is filed. This form is available upon request to the Financial Aid Office. All independent students must submit a signed copy of their, and if applicable, their spouse's 1986 Federal Income Tax Return. Independent students under the age of 24 must also submit an Affirmation of Independence documenting their status and a signed photostatic copy of their parent(s) 1986 Federal Income Tax Return.
3. Transfer students must also provide financial aid transcripts from all previous colleges attended, even if they did not receive any financial aid at these institutions.

INDEPENDENT STUDENT STATUS

The fact that a student is not receiving financial assistance from his or her parents does not necessarily mean that the student will be considered as an independent student for the financial aid programs.

For the financial aid programs administered by Marist College, a student claiming independence must be 24 years of age by Dec. 31 of the year in which he or she is applying and must file with the College an Affirmation of Independence (available in the Financial Aid Office) signed by the student and his or her parent(s). The Affirmation of Independence is an affidavit to the effect that (1) for the previous and current year, the parents or guardian have provided and will provide less than \$750 support to the student; (2) for such years, the student has not and will not be claimed by his parents or guardian as a tax exemption for Federal income tax purposes; (3) for such years, the student has not and will not live with the parents or guardian for a period of more than six weeks. Once the student has filed as a dependent student at Marist College, he or she will be unable to change dependency status except in unusual cases. Likewise, in a limited number of extreme circumstances, the age requirement may be set aside. Supporting documents such as parents' death certificates, letters from welfare agencies, lawyers and/or social workers may be required. The onus is on the student to prove his or her independent status.

STATE AID PROGRAMS

NEW YORK STATE TUITION ASSISTANCE PROGRAM (TAP)

The Tuition Assistance Program was created by New York State as a tuition-related student aid program. It is designed to assist New York State residents with greater freedom of choice in deciding upon the New York State post-secondary educational institutions that they would like to attend.

To be eligible for TAP, a student must be a matriculated full-time (at least 12 credits) student and a New York State resident, a U.S. citizen or permanent, resident alien. In addition, the student must meet the TAP mandated college requirements for determining program pursuit and satisfactory academic progress.

To be pursuing one's program satisfactorily, a student who is in his/her first year of receiving a TAP award must receive a passing or failing grade in at least one-half of the minimum full-time course load; a student who is in his/her second year as a TAP recipient must receive a passing or failing grade in at least three-fourths of a minimum full-time course load; in his/her third and fourth years, a student must receive a passing or failing grade in all of the courses constituting the minimum course load.

Making satisfactory progress requires that a student achieve a satisfactory cumulative index and accumulate credits at a steady rate. The minimum progress expected is given in chart form and has been approved by the New York State Higher Education Services Corporation. These progress requirements may be obtained by contacting the TAP certifying officer in the Registrar's office. However, it is important for students to understand that these criteria only determine student eligibility for a TAP award; they are not the general criteria for academic achievement at Marist College. A student conceivably may meet these standards for a TAP award and yet not meet the academic standards of Marist College for continuation as a student.

1. An applicant must file a current Student Payment Application (usually available in mid-April) to the New York State Higher Educational Services Corporation. (The application must be submitted by March 31 of the academic year for which a student is applying.) The Services Corporation will send an award certificate to the student indicating the amount of the award per term. If filed on a timely basis, the student should receive an award certificate prior to the opening of the term for which payment will be required.
2. TAP Awards at Marist currently range from \$350 to \$2850.
3. The amount of the 1987-88 TAP Awards varies according to the 1986 New York State net taxable income of the parents and student, the number of family members in college on a full-time basis, the number of TAP payments the student has received and the year in which the student first received TAP. There is a \$100 per semester reduction in the maximum award after the student has received a fourth payment. The following chart provides the schedule of awards for students whose first TAP payment was or will be received after July 1, 1981.

TAP ESTIMATION CHART

1985 Net Taxable* Income	Assistance Available	1985 Net Taxable Income	Assistance Available
\$6,500 or Less	\$2,850	\$20,000	1,545
7,000	2,815	\$21,000	1,435
8,000	2,745	22,000	1,325
9,000	2,665	23,000	1,215
10,000	2,585	24,000	1,105
11,000	2,505	25,000	995
12,000	2,405	26,000	880
13,000	2,305	27,000	765
14,000	2,205	28,000	650
15,000	2,095	29,000	535
16,000	1,985	30,000	420
17,000	1,875	31,000	350
18,000	1,765	32,000	350
19,000	1,655	Over 32,000	-0-

*New York State Net Taxable Income is gross income minus all deductions and exemptions. If there are two dependents in post-secondary education, the net taxable income will be reduced by \$3,000; for each dependent in addition to the two there will be an additional reduction of \$2,000. Each applicant must file the Income Adjustment Supplement along with the TAP application when there is more than one dependent in college.

4. TAP is awarded for eight semesters of full-time undergraduate studies. Students enrolled in the HEOP have an additional two semesters eligibility.
5. The student may present the award certificate to the Business Office in lieu of actual payment of the student's bill. Upon receiving the official notification of the student's award from the Services Corporation, the TAP Certifying Official will verify the student's full-time, matriculated status and the tuition charges for the term in question. The amount of the award will then be credited to the student's account.
6. If the TAP award results in a credit balance for the student, the College will refund within 30 days any credit balance unless the student requests the College to leave the balance on the account as a credit toward a future term's charge.

NEW YORK STATE REGENTS COLLEGE SCHOLARSHIP

New York State awards a specified number of scholarships to its residents attending New York State post-secondary educational institutions on a full-time basis. The scholarship is awarded to those who qualify by taking a competitive examination, usually given in their senior year of high school (the American College Testing Program Assessment or the College Board's Scholastic Ability Test).

1. The procedures for applying for payment of a Regents College Scholarship award, the number of semesters of eligibility a student has and the procedures at the College for crediting the student's account are the same as the TAP (above).
2. The amount of the award will be \$250 per academic year.
3. There are no financial criteria in order to qualify for this award; however, Scholarship winners should be aware that they may qualify for a TAP award along with the Regents Scholarship award (cf. TAP estimation chart).

AID FOR PART-TIME STUDY (APTS)

This program is designed to provide tuition assistance to eligible undergraduates, enrolled on a part-time basis (six to eleven credits for semester), in a program of study leading to a degree at Marist College.

Eligibility requirements include New York State residency, good academic standing, previous academic credit, matriculated status and net taxable income limitations. Students may receive tuition waivers up to the cost of tuition, but not in excess of \$1,000 each semester. Students are required to file an APTS application each semester and submit to the Financial Aid Office. For applications and more information contact the Financial Aid Office.

NEW YORK STATE DECEASED OR DISABLED VETERAN AWARD

A child of a person who died in the military service of the United States during World War I, World War II, the Korean Conflict or the Vietnam Conflict as a result of regular active duty, and who was a resident of New York State at the time of induction or time of death, is eligible for a Regents award. Similarly, a child of a person who was honorably discharged with a current disability of at least 50% resulting from service during World War I, World War II, the Korean Conflict or the Vietnam Conflict, or who had such disability at time of death and who was a resident of New York at the time of induction, is eligible for a Regents award.

1. A student must request a special application from the New York State Higher Education Services Corporation. After eligibility has been approved, the procedures for applying for payment of a Child of a Veteran award, the number of semesters of eligibility a student has and the procedures at the College for crediting the student's account are the same as for TAP (above).
2. The amount of the award will be \$450 per academic year.
3. There are no financial criteria in order to qualify for this award; however, the recipient of this award should be aware that he or she may qualify for a TAP award along with the Regents Child of Veteran award (cf. TAP estimation chart).

NEW YORK STATE CHILD OF POLICE OFFICER-FIREFIGHTER AWARD

A child of a police officer, firefighter or volunteer firefighter of New York State or any of its municipalities who died as a result of injuries sustained in the line of duty is eligible for this award.

1. A student must request a special application from the New York State Higher Education Services Corporation. After eligibility has been approved, the procedures for applying for payment of a Child of a Police Officer-Firefighter award, the number of semesters of eligibility a student has and the procedures at the College for crediting the student's account are the same as for TAP (above).
2. The amount of the award will be \$450 per academic year.
3. There are no financial criteria in order to qualify for this award; however, the recipient of this award should be aware that he or she may qualify for a TAP award along with the Regents child of Police Officer-Firefighter award (cf. TAP estimation chart).

HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP) see page 14

VIETNAM VETERANS TUITION AWARDS (VVTA)

This program is available to New York State residents enrolled in full-time or part-time (six to eleven credits per semester) undergraduate programs at Marist. Eligibility includes U.S. Armed Forces service in Indochina between January 1, 1963 and May 7, 1975, and discharge under other than dishonorable conditions. Awards range from \$250 to \$500 per semester with an aggregate limit of \$5,000.

NEW YORK STATE AID TO NATIVE AMERICANS

Student must be a member of a native American tribe located on a reservation in New York State and be enrolled in an approved post-secondary institution in New York State.

1. Award ranges to \$1100 per year for full-time study.
2. A student must request a special application form from the Native American Unit, New York State Education Department, Albany, New York 12234.
3. The completed application is returned with (a) an official high school transcript or photostat of General Equivalency Diploma; (b) letter of recommendation from community leader; (c) personal letter setting forth educational plan.
4. Signatures of parents.
5. Official tribe certification form.

FINANCIAL AID

VOCATIONAL REHABILITATION

State agencies of vocational rehabilitation assist those having physical, emotional or mental disability, except blindness. This assistance is designed to develop and/or improve and/or restore the handicapped person's ability to work.

Among the training services provided to handicapped persons is training at colleges. Financial assistance may be provided for the person in pursuit of a college education.

NEW YORK STATE TAX DEDUCTION OR PASS PLAN

Tax Deduction — Parents of students who attend a college in New York State full time are eligible to deduct tuition paid less any New York State TAP award up to \$1000 per year from New York State Tax Return.

Pass Plan — Residents of New York State — no attendance requirements — tax deferred higher education fund of up to \$750 per year.

For additional information contact: New York Department of Taxation and Finance.

FEDERAL AID PROGRAMS

PELL (BASIC) GRANT

The Pell Grant Program is a federal student aid program designed to provide needy students access to a college education. The Pell Grant is intended to be the starting point for putting together the necessary resources to meet college expenses. An undergraduate student enrolled on at least a half-time basis may apply for a Pell Grant.

1. To apply for a Pell Grant: (a) A student must complete either the Financial Aid Form, or the Family Financial Statement, or the Application for Federal Student Aid and forward it to the respective agency for processing. This form should be dated and mailed no earlier than January 1, 1987; (b) Upon receiving a Student Aid Report (SAR), usually within four weeks, the student should submit all three copies to the College. The College will return to the student the Student Copy of the Student Aid Report and indicate the amount that the student is eligible to receive at Marist College.
2. There is no charge for applying for Pell Grant.
3. Currently, the amount of the award ranges from \$150 to \$2100; this range may change as a result of Federal legislation. The amount that a student will receive is based on the following factors; (a) the student's financial need as computed from the information provided on the student's application; (b) the College costs; (c) the student's part-time or full-time enrollment status; (d) the payment schedule as issued by the U.S. Department of Education.
4. Ordinarily the financial need of the student is computed from the 1986 income information. However, if some extraordinary circumstance occurs, a student may file a supplemental form whereon 1987 estimated income would be reported and the eligibility of the student would be computed on the basis of that year's income; (a) if the parents of the applicant or the spouse of the applicant have become separated or divorced since the time of the original application; (b) a parent or spouse, whose 1986 income was or would have been included on the application, died in 1986 or 1987; (c) a parent or spouse, whose 1986 income was or would have been included on the application, had experienced a complete loss of all employment for at least 10 total weeks in 1987; (d) a parent or an independent student or his spouse, whose 1986 income was or would have been included on the application has been unable to pursue normal income-producing activities for a period of 10 weeks or longer during 1987 due to loss or damage to income-producing property or due to disability that occurred during 1986 or 1987; (e) a parent or an independent student and his or her spouse, whose 1986 income was or would have been included on the application has experienced a loss of unemployment benefits in 1986 or 1987; (f) an independent student who was employed on a full-time basis (at least 35 hours a week) for a minimum of 30 weeks in 1986 and is no longer employed on a full-time basis.
5. The grant is awarded annually until completion of the first undergraduate degree.
6. The student must maintain satisfactory academic performance in regards to both cumulative grade point average and credit accumulation standards established by Marist College. (See Satisfactory Academic Progress Requirements.)

7. Before receiving payment of a Pell Grant, a student must sign a Statement of Educational Purpose/Registration Compliance. This document attests to the fact that the student will use this award solely for educational expenses at Marist College. The student agrees to repay the appropriate portion that cannot reasonably be attributed to meeting educational expenses related to attendance at Marist College. Also, the student certifies that he/she has complied with the Selective Service requirements and will provide proof of registration when requested.
8. Payment of the award will be made directly on the student's account. It will be made in two equal payments for fall and spring, unless otherwise noted. If a recipient is attending summer school, taking at least six credit hours, he or she may receive a prorated portion of the award applied to the summer term. However, if a student receives a summer payment, the amount available for the spring term will be that much less.
9. If the Pell (Basic) Grant results in a credit balance for the student, the College will refund within 30 days to the student the credit balance unless the student requests the College to leave the balance in the account as a credit toward a future term's charges.
10. A student must submit the Student Aid Report to the College by the end of the regular academic year. A student cannot receive a Pell (Basic) Grant if he or she submits the Student Aid Report after terminating his or her education at Marist College.

SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (SEOG)

SEOG is a federal grant program administered by Marist College to assist undergraduate students who are enrolled on at least a half-time basis (6 credit hours per term).

1. The amount of the award will range from \$100 to \$4000 per academic year.
2. The grant is awarded annually.
3. The award can only be given to undergraduate students pursuing their first baccalaureate degree.
4. A S.E.O.G. is awarded on the basis of financial need, other financial aid resources available to the student, total grant funds available to the College and satisfactory academic performance of the student (both cumulative Grade Point Average and credit accumulation standards as established by Marist College. Refer to Satisfactory Academic Progress Requirements for more details.)
5. An award letter will be mailed to new students by May 1, and to returning students by July 1.
6. The student must return a reply form to the College within the period specified in the letter, indicating whether the award is accepted or denied. The student must also file a Statement of Educational Purpose/Registration Compliance attesting to the fact that the award will be used solely for educational purposes at Marist College and that the student will repay the appropriate portion that cannot reasonably be attributed to meeting educational expenses related to attendance at Marist College. The student also certifies that he/she is in compliance with the Selective Service requirements and will provide proof of registration when requested.
7. Payment of the award is made in two equal parts, in the fall and the spring, unless otherwise noted.
8. If the SEOG award results in a credit balance for the student, the college will refund within 30 days any credit balance unless the student requests the college to leave the balance on the account as a credit for a full term's charges.
9. A student who is in default of an NDSL or GSL or owes a refund on a Pell (Basic) Grant cannot receive an SEOG award.

PERKINS (NDSL) LOAN

The Perkins Loan is a federal loan program administered by Marist College to assist students who are enrolled on at least a half-time basis (six credits hours per term) and who are in need of a loan to meet their educational expenses.

FINANCIAL AID

1. A student may borrow a maximum of \$4500 for the first two years of college with a maximum cumulative amount of \$9000 for undergraduate students.
2. The Perkins Loan is awarded annually.
3. A Perkins Loan is awarded on the basis of financial need, other financial resources available to the student, total funds available to the college and satisfactory academic performance of the student (both cumulative Grade Point Average and credit accumulation standards as established by Marist College. Refer to Satisfactory Academic Progress Requirements for more details).
4. Borrower's rights:
 - (a) Repayment on the principal or interest is not required while the student is in attendance at an approved post-secondary educational institution on at least a half-time basis.
 - (b) A student may be allowed up to 10 years to repay the loan. Low-income individuals may be eligible for an additional 10-year repayment period with the approval of the Department of Education.
 - (c) A loan may be deferred in the following situations:
 - (i) Up to 3 years may be granted while a student serves in the Armed Forces.
 - (ii) For service as an active duty member of the National Oceanic and Atmospheric Administration Corps. (NOACC).
 - (iii) Parental leave.
 - (iv) For a mother with preschool age children who is just entering or reentering the work force and who is compensated at a rate not to exceed \$1.00 in excess of the minimum wage rate prescribed by section 6 of the Fair Labor Standards Act of 1938.
 - (d) A loan may be cancelled in the following situations and at the designated rates:
 - (i) Full-time teacher in public or other non-profit elementary or secondary school identified by the commissioner as having a high concentration of students from low-income families.

100% of the loan may be cancelled at the following rates:
15%—1st and 2nd years of service.
20%—3rd and 4th years of service.
30%—5th year of service.
 - (ii) Full-time teacher of handicapped students in public or other non-profit elementary or secondary schools.

100% of the loan may be cancelled at 15%—1st and 2nd years of service.
20%—3rd and 4th years of service.
30%—5th year of service.
 - (iii) Full-time staff member in Head Start pre-school program.

100% of the loan may be cancelled at the rate of 15% for each year of service, provided the salary is comparable to that paid by the local educational service.

 - (iv) Member of the Armed Forces of the United States.

50% of the loan may be cancelled at the rate of 12½% for each year of service in an area of hostility qualifying for special pay.

 - (v) For service as a volunteer under the Peace Corps Act or under the Domestic Volunteer Service Act of 1973.
 - (vi) The full balance of the loan obligation will be cancelled in the event of death or permanent and total disability.
 - (e) The loan check will be made payable to the borrower and requires the borrower's signature.
 - (f) A copy of the completed promissory note will be provided to the borrower.
 - (g) A borrower has the right to repay the loan before the first payment of principal and interest become due without interest charges.
 - (h) A borrower may request forbearance in case a repayment schedule cannot be met.
 - (i) The borrower is to be provided an interview upon leaving college at which time he/she would be made aware of the specific responsibilities for repayment of the loan.
6. Borrower's responsibilities:
 - (a) The borrower is to notify the College if any of the following situations occur before the loan is repaid:

- (i) A name change.
- (ii) Change of address.
- (iii) Transfer to or entry into other approved post-secondary institutions.
- (b) The first payment of principal and interest becomes due 6 months after leaving the school or after reducing enrollment status to less than half-time (6 credit hours per term). For loans made after July 1, 1987, payment becomes due after a 9 month grace period.
- (c) A 5% simple interest is charged starting after the grace period.
- (d) The borrower is to notify the school of enrollment at another post-secondary school.
- (e) The borrower is to notify the Business Office prior to permanently leaving the school to schedule an exit interview.
- (f) The borrower is to notify the school if financial difficulties prohibit the scheduled quarterly payments.
- (g) The borrower is to repay the loan in accordance with the quarterly repayment schedule. A sample of such a schedule follows:

MARIST COLLEGE
POUGHKEEPSIE, NY
PERKINS (NDSL) LOANS

Sample: Student Repayment Schedule

EQUAL QUARTERLY PAYMENTS OF PRINCIPAL AND INTEREST BASED ON THE QUARTERLY UNPAID PRINCIPAL BALANCE @ 5% OVER 10 YEARS, MINIMUM PAYMENTS OF \$30.00 PER MONTH.

Sample Loan: \$2,000.00

Quarterly	Loan Principal	Net Interest	Principal Payment	Total Payment
1	\$2000.00	\$ 25.00	\$ 65.00	\$ 90.00
2	1935.00	24.19	65.81	90.00
3	1869.19	23.36	66.64	90.00
4	1802.55	22.53	67.47	90.00
5	1735.08	21.69	68.31	90.00
6	1666.77	20.83	69.17	90.00
7	1597.60	19.97	70.03	90.00
8	1527.57	19.09	70.91	90.00
9	1456.66	18.21	71.79	90.00
10	1384.87	17.31	72.69	90.00
11	1312.18	16.40	73.60	90.00
12	1238.58	15.48	74.53	90.00
13	1164.06	14.55	75.45	90.00
14	1088.61	13.61	76.39	90.00
15	1012.22	12.65	77.35	90.00
16	934.87	11.69	78.31	90.00
17	856.56	10.71	79.29	90.00
18	777.27	9.72	80.28	90.00
19	696.99	8.71	81.29	90.00
20	615.70	7.70	82.30	90.00
21	533.40	6.67	83.33	90.00
22	450.07	5.63	84.37	90.00
23	365.70	4.57	85.43	90.00
24	280.27	3.50	86.45	90.00
25	193.77	2.17	87.83	90.00
26	105.94	1.32	88.68	90.00
27	17.26	.22	17.26	17.48
		357.48	2000.00	2357.48

FINANCIAL AID

- (h) The borrower must notify the college of a situation wherein the borrower becomes eligible for deferment of payment or cancellation of the loan obligation.
- 7. An award letter will be mailed to new students by May 1 and to returning students by July 1.
- 8. The student must return a reply form to the College within the period specified in the letter, indicating whether the award is accepted or declined. The student must also file a Statement of Educational Purpose/Registration Compliance attesting to the fact that the award will be used solely for educational purposes at Marist College and that the student will repay the appropriate portion that cannot be reasonably attributed to meeting educational expenses related to attendance at Marist College. The student also certifies that he/she is in compliance with the Selective Service requirements and will provide proof of registration when requested.
- 9. Payment of the award is made in two equal parts in the fall and in the spring, unless otherwise noted. The recipient must report to the Business Office at the beginning of each term for which the award is applicable and sign for the award.
- 10. If the Perkins Loan award results in a credit balance for the student, the College will refund within 30 days any credit balance unless the student requests the College to the balance on the account as a credit toward a future term's charges.
- 11. A student who is in default of a previous NDSL or GSL or owes a refund on a Pell (Basic) Grant or SEOG cannot receive a Perkins Loan.

COLLEGE WORK-STUDY PROGRAM (CWSP)

Marist College administers a federally sponsored employment program during the second school year and during the summer months. CWSP provides job opportunities to enrolled students who are in need of earnings to pay part of their educational expenses. The jobs are available on campus or off campus with a public or private non-profit agency.

- 1. A student will be paid at least the federal minimum wage.
- 2. The CWSP award is provided annually.
- 3. Ordinarily, a student on CWSP cannot work more than an average of 20 hours per week during regular academic terms. A maximum of 40 hours per week can be worked under CWSP during vacation periods.
- 4. CWSP is awarded on the basis of financial aid resources available to the student, total work funds available to the college and the student's performance in regards to cumulative Grade Point Average and credit accumulation standards as established by Marist College. Refer to Satisfactory Academic Progress Requirements for more details.
- 5. Once the student has earned his/her allocation, the student will be notified by the Financial Aid Office. In a limited number of cases, the student will be eligible for an increased allocation, but in most instances the student will be instructed to cease working.
- 6. At the beginning of each academic term, and the summer, a payroll schedule for the ensuing period is published. Prior to being paid, the student must have on file in the Payroll Office a W-4 or W-4E Form (Employee's Withholding Allowance Certificate). Time sheets are to be submitted on the scheduled dates; time sheets submitted late will be held over for the next payroll period. Pay checks are to be picked up in the Payroll Office.
- 7. The Financial Aid Office will provide the student on CWSP an Eligibility Card whereon the student's award will be indicated. This Eligibility Card is to be signed by the student's supervisor and the student.
- 8. During the Summer, the Financial Aid office will forward student employment applications to students with CWSP allocations for the upcoming academic year. Students are asked to provide relevant experience, skills, placement preferences, etc. Our office will then make every effort to place students utilizing our current list of jobs available on campus. However, it must be noted that a work-study award is an allocation only and not necessarily a guarantee of employment.
- 9. An award letter will be mailed to new students by May 1 and to returning students by July 1.

10. The student must return a reply form to the college within a period specified in the letter, indicating whether the award is accepted or declined. When accepting the award, the student must also file a Statement of Educational Purpose/Registration Compliance attesting to the fact that the award will be used solely for educational expenses at Marist College and that the student will repay the appropriate portion that cannot reasonably be attributed to meeting educational expenses related to attendance at Marist College. The student also certifies that he/she is in compliance with the Selective Service requirements and will provide proof of registration when requested.
11. A student who is in default of an NDSL or GSL or owes a refund on Pell (Basic) Grant or SEOG cannot receive a CWSP award.

GUARANTEED STUDENT LOAN PROGRAM (GSLP)

The GSLP is a federal loan program which enables students who are enrolled on at least a half-time basis (6 credit hours per term) to borrow directly from a bank, credit union, savings and loan association, or other participating lending institution which is willing to make educational loans. The loans are insured by the Federal Government or guaranteed by a state guarantee agency.

The benefit of the GSLP is twofold: first, the borrower need not make repayment on the loan while enrolled in college on at least a half-time basis; and second, the loan is interest-free during the same period of time.

1. An applicant must complete the appropriate student loan application. The completed application is then submitted to the educational institution for certification of the student's enrollment, the college costs, the financial aid available to the student and a recommendation as to the amount the student needs to meet the educational expenses. The application is then to be submitted to the lending institution. Upon approval of the loan, the check will be issued, payable to the borrower and usually, the educational institution.
2. Freshmen and sophomores can borrow up to \$2,625, juniors and seniors up to \$4,000 per academic year in accordance with the student's total family income and demonstrated financial need. Therefore, a Financial Aid Form must be on file in order that the College can determine the student's eligibility.
3. A student may borrow up to an aggregate maximum of \$17,250, if they are enrolled in a program of undergraduate education.
4. The amount the student may borrow is also limited by the student's enrollment status, that is, full-time or part-time, the college costs and financial aid available to meet these costs, and the satisfactory academic performance of the student. The student must maintain the cumulative Grade Point Average and credit accumulation standards established by Marist College. Refer to Satisfactory Academic Progress Requirements for more details.
5. The College cooperates with the lending institutions and agencies in verifying and maintaining current information on all its student-borrowers.
6. The College will not process a GSLP earlier than three months prior to the beginning of the term for which the student is applying.
7. A student will be required to pay at least a 5% origination fee. The fee is paid at the time of the disbursement of the loan check and reverts to the federal government to reduce the costs of the GSL Program.
8. A list of borrower's rights and responsibilities is available from the lending institution.
9. The student endorses the check at the Student Accounts Office and it is credited to the student's account. If this payment results in a credit balance for the student, the College will refund any credit balance unless the student requests the College to leave the balance on the account as a credit toward a future term's charges. The College will process refunds within 30 days.
10. When a refund is due to a student from tuition, room and board charges after the student has terminated enrollment at the College or dropped enrollment to less than half-time, the refund from the GSLP will be made to the lending institution to be applied to the loan obligation of the student. The student will receive written notice of this transaction.

FINANCIAL AID

11. A student must sign a Statement of Educational Purpose/Registration Compliance and provide proof of registration when requested.
12. A student must submit a signed copy of their 1986 tax return and a signed copy of their parents' 1986 tax return.
13. A student must also complete a Verification Statement.

SUPPLEMENTAL LOAN FOR STUDENTS (SLS)

SLS is a student loan program to assist independent undergraduate, graduate and professional students. Eligible students may borrow up to \$4,000 per academic year, with an aggregate loan maximum of \$20,000. These loan limits *do not* include amounts borrowed under the GSL or PLUS programs. The applicable rate of interest during any calendar year is the average rate of 91-day T-Bills ending November 30th of the prior calendar year *plus* 3.75%, but not to exceed 12%. Interest payments begin while the student is enrolled; repayment of the loan, however, does not begin until the student either leaves college or drops below full-time enrollment.

PARENT LOANS FOR UNDERGRADUATE STUDENTS (PLUS)

Parents of undergraduate students may borrow up to \$4,000 annually for each child in college. The aggregate limit is \$20,000 for each eligible child. The loan is federally subsidized; the applicable rate of interest during any calendar year is the average rate of 91-day T-Bills ending November 30th of the prior calendar year *plus* 3.75%, but not to exceed 12%. Repayment begins 60 days after disbursement. Information and applications are available from lending institutions.

THE SUPPLEMENTAL HIGHER EDUCATION LOAN FINANCING PROGRAM (SHELF)

There are broad income eligibility parameters for this program. Many students from families unable to qualify for other financial aid programs may be able to participate in SHELF. Also, students from families that do qualify for other forms of financial aid may receive additional assistance from the SHELF Program. The SHELF Program is available to undergraduate, graduate and professional students attending college at least half-time. A credit evaluation is necessary and loans will generally be made based upon the credit of the parent(s) of the student. It is possible for a credit-worthy student, spouse or other individual to also qualify. Subject to income qualifications and college policy, the maximum SHELF loan amount equals the college's total cost of attendance less other financial aid. The minimum loan amount is \$1,500 per year.

VETERANS EDUCATIONAL BENEFITS

Marist College is approved for study under Title 38 US Code:

GI Bill – Chapter 34

Education benefits under the G.I. Bill are available to veterans with 181 continuous days of service, any part of which occurred after January 31, 1955 and before January 1, 1977. Discharge must have been under conditions other than dishonorable. The veteran has 10 years from the date of discharge to use his/her entitlement or by December 31, 1989, whichever is later. The amount of entitlement is contingent upon length of service and number of dependents. The maximum length of entitlement is 45 months.

VEAP (Post-Vietnam Era Veterans' Educational Assistance Program) – Chapter 32

VEAP is a voluntary contributory matching program available to persons who entered active military service at any time during the period January 1, 1977 through January 30, 1985. The veteran must have served on active duty for at least 181 days and discharge must be under other than dishonorable conditions. The amount of entitlement is contingent upon the amount the veteran contributed. Maximum length of entitlement is limited to 36 months. The veteran has 10 years from the date of discharge to use his/her entitlement.

Vocational Rehabilitation – Chapter 31

The Vocational Rehabilitation program is designed to provide all services necessary to enable a veteran with a service-connected disability to select, train for and secure employment. Each veteran under Chapter 31 is assisted by both a VA counseling psychologist and a Vocational Rehabilitation Specialist. Vocation rehabilitation may be provided for up to 48 months. The veteran has 12 years from discharge from active duty to use these benefits. However, the VA may approve an extension of time in certain cases. The VA will pay the cost of tuition, fees, books and supplies. The veteran also receives a monthly subsistence allowance.

Survivors' and Dependents' Educational Assistance – Chapter 35

The spouse and children of a veteran may be eligible for educational assistance if the veteran died while on active duty or died after release from active duty of a service connected disability. Also eligible are the spouse and children of a veteran who became permanently and totally disabled as a result of a service-connected disability, died while a service-connected disability was rated permanent and total or has been listed as missing in action. Eligible persons are entitled to 45 months of educational assistance and are paid benefits equivalent to a veteran with no dependents under Chapter 34.

New GI Bill – Selected Reserve Educational Assistance Program – Chapter 106

This program is available to members of the Selected Reserve who have enlisted, reenlisted or extended an enlistment for a period of at least 6 years during the period beginning July 1, 1985 through June 30, 1988. Applicants must have completed their initial period of active duty and completed 180 days of service in the Selected Reserve.

New GI Bill – Active Duty Educational Assistance Program – Chapter 30

Veterans may be eligible for assistance under this program if they first entered on active duty during the period beginning July 1, 1985 through June 30, 1988 and their military pay was reduced by \$100 each month for the first 12 months of active duty service. Veterans who entered active duty before January 1, 1977 may also be eligible for Chapter 30 benefits after December 31, 1989.

Determination of eligibility for benefits is determined solely by the Veteran's Administration. For further information and applications, contact the VA Certifying Officer in the Registrar's Office or your local Veteran's Administration office.

**UNITED STATES BUREAU OF INDIAN AFFAIRS
AID TO NATIVE AMERICANS**

Student must be at least one-fourth American Indian, Eskimo or Aleut and be an enrolled member of a tribe, band or group recognized by the U.S. Bureau of Indian Affairs. The student must also be pursuing at least a four year degree at an approved state college or university.

1. Application forms are obtained through the Bureau of Indian Affairs, U.S. Department of the Interior, Federal Building, Floor 525, 100 South Clinton Street, Syracuse, New York 13702.
2. Since students must show financial need to be eligible, an official needs analysis must also be submitted.
3. First time applicants must also submit certification of tribal enrollment.
4. The completed application form, needs analysis documents and, when required, tribal certification are returned to the Bureau.

FINANCIAL AID

ROTC (RESERVE OFFICER TRAINING CORPS)

Scholarships: The Army awards approximately 12,000 4-year, 3-year and 2-year scholarships each year to highly qualified high school and college students desiring to seek officer commissions along with their college degrees. Marist students are eligible to apply for 3 and 2-year scholarships during their freshman and sophomore years of college. Scholarships pay full tuition, book and academic fees, and living allowances up to \$1,000 per school year. Selection criteria are ACT/SAT scores, school grade point average, extracurricular activities, physical qualification and leadership potential. Scholarship students accept 4-year active duty service obligation upon graduation (students may request education delays which allow graduate school attendance before entering active duty).

Other Financial Aid: Non-scholarship ROTC cadets earn up to \$1,000 per school year during their last two years of ROTC. Army ROTC cadets may combine their officer training with Army Reserve or National Guard service during college and earn considerably more money.

For further information contact the Marist Army ROTC office.

MARIST COLLEGE SCHOLARSHIP AID PROGRAMS

The Marist College Award Committee presents a limited number of four-year renewable scholarships to selected incoming freshmen and transfer students who have demonstrated excellence in academic achievement. In addition, there are renewable scholarships available to incoming students for excellence in various extracurricular activities. While the student must be admissible to the college, these scholarships are awarded for student's non-academic achievement.

Students who possess a good academic record and demonstrate financial need may qualify for a Marist Grant or Presidential Scholarship* on a four-year renewable basis or on a one-year non-renewable basis.

The scholarship grants are renewable each semester provided the recipient maintains the necessary cumulative index. For students entering Marist prior to the Fall 1981, the necessary cumulative index required to renew a grant or scholarship is 2.0. All other students must maintain an overall cumulative index of 2.2. New students at Marist are given their initial term as a grace period to achieve the necessary academic index.

1. The amount of the award will range from \$200 to full tuition.
2. The renewable award is given for four years of full-time undergraduate studies Marist College; the award will be automatically renewed each year provided that the recipient has maintained the necessary academic index and full-time enrollment status. The award is lost only for the term(s) during which the above two conditions do not exist unless the student withdraws or is dismissed from Marist College at a later date.
3. These awards are given on the basis of scholarship and high school achievement, financial need, other financial resources available to the student, and the funds available for the scholarship/grant program.
4. Marist College matches Regents Scholarships. Awards are in the form of renewable Marist Grants, or Presidential Scholarships. Only students with Regents Scholarships who did not receive a renewable Marist Award are eligible. The students must bring their Regents Scholarship certificate to the Financial Aid Office.
5. The non-renewable Marist Grant-In-Aid is awarded to full-time students for the current academic year only.
6. The non-renewable grant is awarded to returning students on the basis of good academic performance, financial need, other financial aid resources available to students and the funds available for the grant program. (Please note that students must maintain an overall cumulative index 2.2 to be eligible for this grant.)
7. An award letter will be mailed to incoming students by May 1 and to returning students by July 1.
8. The student must return to the College a reply form indicating whether the award is accepted or denied.
9. Payment of the award is made in two equal payments, in the fall and in the spring, unless otherwise noted. The amount will be directly applied to the student's account upon verifying the student's full-time enrollment for the term in question and the fact that the student has maintained the necessary academic index.

*Formerly Room and Board Scholarships or Residential Scholarships

McCANN FOUNDATION INC. SCHOLARSHIP

A limited number of scholarships are offered each year to students who have attended high school in Dutchess County and who demonstrate financial need.

1. The award is given for four years of full-time undergraduate studies at Marist College. The award will be automatically renewed each year provided that the student has maintained the necessary academic index and full-time enrollment (see Marist College Scholarships and Grants-In-Aid Section). The award is lost only for the term(s) during which the above two conditions do not exist, unless the student withdraws or is dismissed from Marist. In the latter cases, the award is voided even if the student returns to Marist College at a later date. New students are given their initial term at Marist as a grace period to achieve the necessary academic index.
2. McCann Scholarships are awarded on the basis of need, other financial aid resources available to the student and the scholarship funds available to the College.
3. An award letter will be mailed to incoming students by May 1 and to returning students by July 1.
4. Payment of the award is made in two equal payments in the fall and spring, unless otherwise noted. The amount will be directly applied to the student's account upon verifying the student's full-time enrollment for the term in question and the fact that the student has maintained the necessary academic index.

ALBRIGHT COLLEGIATE DIVING SCHOLARSHIP

This \$3,000 Scholarship is awarded annually to a member of the Marist College Diving Team upon recommendation from Dean of Admissions, Director of Financial Aid, Head Swim Coach and Head Diving Coach. The award is made on the basis of financial need and academic merit. The recipient must maintain a cumulative index of 2.0.

NCAA ATHLETIC SCHOLARSHIPS

Marist College sponsors NCAA Basketball Scholarships for Marist men and women. Awarding of these Scholarships is in accordance with regulations of the NCAA. For complete details contact the Director of Athletics.

JOHN J. RYAN MEMORIAL SCHOLARSHIP FUND

The John J. Ryan Memorial Scholarship is awarded annually to a Marist College student majoring in Communication Arts. The award is granted by the Academic Dean upon recommendation of the Dean of Admissions and the Chairperson of the Communication Department. The award is made on the basis of financial need and academic merit.

CUTTY SARK SCHOLARSHIP

The Cutty Sark Scholarship was established in June 1982. The scholarship is awarded annually by the Academic Vice President to a deserving fashion design student upon recommendation of the Director of the Fashion Design Program.

MARY LOU GANTERT SCHOLARSHIP FUND

The Mary Lou Gantert Scholarship was established in 1974. The scholarship is awarded to Marist students who possess superior academic potential. Granted by the Gantert Scholarship Committee, the committee is chaired by the Dean of Admissions and includes the Associate Dean for Student Affairs, a faculty member from the Division of Natural Sciences and one other faculty member.

FINANCIAL AID

DR. ARMAND HAMMER SCHOLARSHIP

The Armand Hammer Scholarship was established in July 1982. The scholarship is awarded annually by the Academic Dean to students who are selected on the basis of academic excellence and on their ability to become the most promising Marist graduate.

HELEN SCHATZ AND GEORGE BENNETT JR. SCHOLARSHIP FUND

The Scholarship was established in 1983. The scholarship is awarded annually by the Academic Dean upon recommendation of the Dean of Admissions to students from the Fairview area of Poughkeepsie, or from Dutchess County.

LEONIDOFF SCHOLARSHIP FUND

The Leonidoff Scholarship was established May 1966. The scholarship is awarded annually by the Dean of Admissions to students with demonstrated financial need who specialize in scientific or pre-medical studies.

HAROLD D. SPENCER SCHOLARSHIP

The Harold D. Spencer Scholarship was established in 1983. The scholarship is awarded annually by the Dean of Admissions to young men and women of Poughkeepsie, New York, and Racine, Wisconsin.

BROTHER TARCISIUS VALIERES ENDOWED SCHOLARSHIP

The Brother Tarcisus Valieres Endowed Scholarship was established in 1977. The scholarship is awarded annually by the major benefactors and the Dean of Admissions to graduates of high schools where Marist Brothers are actively teaching.

CHARLES J. LAWSON, JR. FAMILY SCHOLARSHIP

This scholarship was established in 1984. The scholarship is awarded annually to two full-time Marist students who are children or dependents of full-time employees of Rotron, Inc., Woodstock, New York. The Dean of Admissions and Director of Financial Aid select the scholarship recipients each year.

THE RICHARD LOUIS BERGER MEMORIAL FUND

The Richard Louis Berger Memorial Fund was established in 1983. The award is granted annually to a student in the Sachem, N.Y., Central School District, or the BOCES student in the Second Supervisory District of Suffolk County, N.Y. The recipient will be selected by the Assistant Superintendent of Schools of the Sachem Central School District or the Superintendent of the Second Supervisory District in consultation with the Dean of Admissions at Marist College.

RAYMOND WEISS SCHOLARSHIP FUND

The Raymond Weiss Scholarship Fund was established in 1977. The scholarship is awarded upon recommendation by the Academic Dean to a student of Puerto Rican origin or a Foreign Language major.

PETER AND VIRGINIA FOY SCHOLARSHIP FUND

The Peter and Virginia Foy Scholarship Fund was established in 1964. The scholarship will be awarded upon recommendation on the Academic Dean to students with financial need.

L'AMICALE MARISTE

The L'Amicale Marist Scholarship was established in 1979. The scholarship is awarded upon the recommendation of the Academic Dean to a foreign language student.

ROBERT CROSBY MEMORIAL SCHOLARSHIP FUND

The Robert Crosby Memorial Scholarship Fund was established in 1984. The scholarship is awarded annually upon the recommendation of the Director of Financial Aid to a Computer Science student at Marist College. The recipient must be a junior and maintain a 3.0 cumulative G.P.A. to be considered for the \$1500 renewable scholarship.

MARIST COLLEGE CAMPUS EMPLOYMENT PROGRAM (CE)

Marist College provides extensive part-time employment to students during the regular academic year and during the summer months.

1. A student will be paid at least the federal minimum wage.
2. The CE award is provided annually.
3. Ordinarily a student on CE cannot work more than an average of 20 hours per week during the regular academic terms. A maximum of 40 hours per week can be worked under CE during vacation periods.
4. CE is awarded on the basis of financial need or the exceptional skills the student possesses to get the job done, other financial aid resources available to the student, the student's scholastic ability to maintain a job, and the total work funds available to the College.
5. Once the student has earned his/her allocation, the student will be notified by the Financial Aid Office. In a limited number of cases, the student will be eligible for an increased allocation, but in most instances the student will be instructed to cease working.
6. At the beginning of each academic term, and the summer, a payroll schedule for the ensuing period is published. Prior to being paid, the student must have on file in the Payroll Office a W-4 or W-4E (Employee's Withholding Allowance Certificate). Time sheets are to be submitted on the scheduled dates; time sheets submitted late will be held over for the next payroll period. Pay checks are to be picked up in the Payroll Office.
7. The Financial Aid Office will provide the student on CE an Eligibility Card whereon the student's award will be indicated. This Eligibility Card is to be signed by the student's supervisor and the student.
8. During the summer, the Financial Aid Office will forward student employment applications to students with CE allocations for the upcoming academic year. Students are asked to provide relevant experience, skills, placement preferences, etc., and return to our office. We will then make every effort to place students utilizing our current listing of jobs available on campus. However, it must be noted that a Campus Employment award is an allocation only, and not necessarily a guarantee of employment.
9. An award letter will be mailed to new students by May 1 and to returning students by July 15.
10. The student must return to the College a reply form indicating whether the award is accepted or declined.

FINANCIAL AID PHILOSOPHY AND POLICY

1. The purpose of financial aid is to provide financial assistance within the available resources to those students who, without such assistance, would be unable to attend Marist College.
2. Marist College assumes that the student's family has the primary responsibility to provide for the education of their son or daughter.
3. Within its available resources, Marist College attempts to meet the financial needs of its students. Thus a student's financial need is determined by subtracting the parent's and student's contribution from the total estimated cost of attending Marist College. The total financial aid awarded a student shall never exceed the college budget.
4. The amount of a student's financial aid is contingent upon the student enrolling on a full-time basis (unless otherwise indicated) for each semester awarded. A student may be dropped from the financial aid program for failure to maintain good standing or satisfactory academic progress.
5. Financial Aid is not automatically renewable. A Marist Application for Financial Aid and a Financial Aid Form must be submitted each year with a photostatic copy of the parent's and student's federal income tax return for the previous year.
6. The financial aid award shall be voided if and when incorrect information is revealed on either the student application, the Needs Analysis Form of Student Aid Report. Intentionally filed false statements or materials may subject the filer to a fine or imprisonment, or both, under the provisions of the U.S. Criminal Code.
7. If a student is not permitted to return to Marist College, either because of grades, disciplinary reasons, or an outstanding balance with the Business Office at the beginning of an academic term, the student's financial aid award will become void.

FINANCIAL AID

8. Any change in the amount indicated from non-college sources or in a student's enrollment, financial, resident, or marital status must be reported immediately to the Financial Aid Office.
9. Each aid recipient is required to sign a Statement of Educational Purpose/Registration Compliance.
10. Availability of funds (state and federal funding) is necessarily tentative at the time awards are made and Marist College cannot guarantee substitute awards if any anticipated outside sources of assistance do not materialize.
11. Marist College awards financial aid without reference to racial or ethnic origin, sex, age, religion, marital status or disability.

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS TO MAINTAIN FEDERAL FINANCIAL AID ELIGIBILITY

The Higher Education Amendments of 1976 require colleges to define and enforce standards of Satisfactory Academic Progress. Students receiving federal financial aid must conform to these requirements in order to be eligible for financial assistance.

These Satisfactory Academic Progress requirements must provide a maximum time frame for completion of the degree, a graduated credit accumulation over this time as well as a quality mechanism. Essentially, these minimum standards ask the student to demonstrate that he/she is actively pursuing his or her degree.

At Marist College an evaluation of a student's regular academic performance takes place *each semester* by the Academic Affairs Committee. This review concentrates on those students who fail to meet a 1.7 cumulative index at the end of their freshman year or a 2.0 during their sophomore, junior or senior years. Students may be placed on probation and allowed to continue at Marist College. Although the College considers the student to be in good standing, the student *may not* be eligible for financial assistance. Failure to earn the necessary number of credits toward degree completion or failure to maintain the necessary index can jeopardize the student's aid.

The following chart breaks down by semester the minimal Satisfactory Academic Progress requirements to receive Title IV federal aid for a full-time undergraduate student. The Director of Financial Aid will verify that all students under regular academic review by the College meet the standards of receipt of federal financial assistance.

Before being certified for Title IV Funds, a	SEMESTER										
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
student must have accrued at least this many credits:	0	3	9	18	30	42	54	66	78	90	105
with at least this grade point average:	0	1.00	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1.90

Additional charts for Graduate, Special Academic Program and Part-Time students are available in the Financial Aid Office.

An annual review of all federal aid candidates will be completed as part of the awarded cycle in June. Individual review of GSL only candidates will take place at the time of application processing and Pell Grant only students will have their standards checked as part of the validation process. Students not meeting the Satisfactory Academic Progress requirements will be notified in writing by the Director of Financial Aid.

Students losing aid for a semester will be reviewed in the following semester for possible aid reinstatement. Students may appeal the aid loss by requesting a conditional waiver. Such requests must be forwarded to the Director of Financial Aid within two weeks of the aid loss notification letter. Possible reasons for waivers or appeal include serious personal problems, family tragedy, illness, employment and/or difficult adjustment to College. All appeals and waivers should also provide supporting documentation. The Director of Financial Aid will consult with the Dean of Admissions, Registrar, Director of Academic Affairs and the student's faculty advisor in making a final decision.

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Shaileen Kopeck, M.A.	Director of Enrollment Communications
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Corinne Schell, B.A.	Financial Aid Counselor
Peter O'Keefe, Ph.A.	Director of Bridge Year/School-College Programs

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Marilyn Poris, Ph.D.	Director of Institutional Research
Anthony Tarantino, BSME	Director of Facilities
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David Spencer	Asst. Director of Mechanical Services
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Anna Hunter	Asst. Supervisor, Housekeeping
Gerard Gardner	Supervisor of Grounds
Ralph Short	Asst. Supervisor of Grounds
Joseph Waters	Director of Safety and Security
Roland Quinlan	Asst. Director of Safety and Security
William McGlynn	Patrol Supervisor/Investigator
Nicholas Michelas	Patrol Supervisor
Clyde Wray	Patrol Supervisor

RICHMOND GARDEN CENTER

William T. Perrotte, Jr., Ph.D.	Director
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INSTITUTE OF ECOSYSTEM STUDIES**

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ADMINISTRATION

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Donna Guilbault, B.B.A.	Senior Programmer/Analyst
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Stephanie Michnowicz, M.A.	Freshman Mentor
David Kulesza, B.S.	Freshman Mentor
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Stephen Bentley, B.A.	Upperclassman Mentor
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Elsie Mula, B.S.	Assistant to Director of Athletics
Robert Bordas, B.A.	Sports Information Director
Lawrence C. Davis, M.Ed.	Crew Coach/Business Manager
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David Magarity, B.S.	Men's Head Basketball Coach
Bogdan Jovicic	Assistant Men's Basketball Coach
Jeff Bower, B.A.	Assistant Men's Basketball Coach
Tim Murray, B.S.	Assistant Men's Basketball Coach
Ken Babineau, B.S.	Head Women's Basketball Coach
Tom Sutherland, M.S.Ed.	Assistant Women's Basketball Coach
Laurie Quilty, M.S.	Assistant Women's Basketball Coach
Steve Lurie, B.S.	Head Track Coach
Glenn Marinelli, M.Ed.	Trainer
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Larry VanWagner, M.P.E.	Aquatic Director
Michael Malet, M.S.	Head Football and Lacrosse Coach/Director of Intramurals
Robert Lynch, B.A.	Assistant Director of Intramurals/Director for Little People's Summer Workshop
Tom Kelly, B.S.	Assistant Football Coach
John Kowall, M.S.	Assistant Football Coach
Ron Levine, L.L.D.	Assistant Football Coach
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Mark Barillaro, B.S.	Assistant Football Coach
Michael Hagen, B.S.	Assistant Football Coach
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Jeff Friedman, B.A.	Assistant Football Coach
Michael DeFillipo, B.A.	Assistant Football Coach
Kenneth O'Connor, B.A.	Assistant Football Coach
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ADMINISTRATION

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Rick Bolsted, M.B.A.	Assistant Diving Coach
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Terry Jackrel, M.A.	Women's Tennis Coach
Angela Marinelli, A.A.S.	Cheerleader Coach
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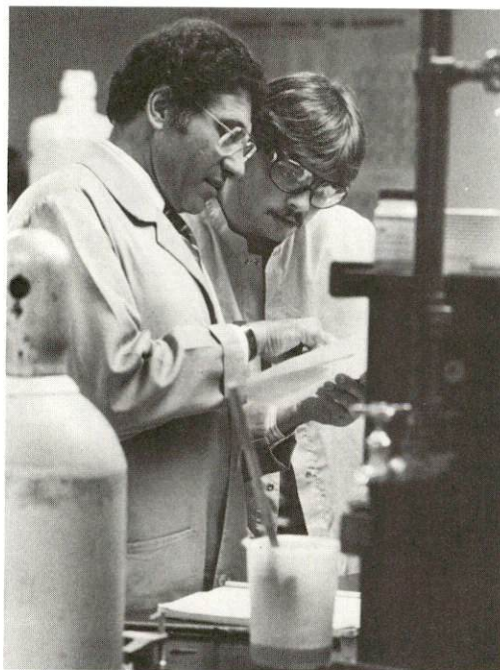
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