

# MARIST

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C O L L E G E

UNDERGRADUATE  
PROGRAMS  
1989 ♦ 1991



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PROGRAMS  
1989 ♦ 1991



# COMMUNICATION WITH THE COLLEGE

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**MAILING ADDRESS:**

MARIST COLLEGE  
Poughkeepsie, New York 12601-1387

**TELEPHONE NUMBER:**

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Area Code 914

*Individual inquiries should be addressed to the following administrators:*

**PROSPECTIVE STUDENTS**

Admission to Freshman Class or  
for Advanced Standing  
*Office of Admissions*  
Financial Aid for Freshmen  
*Office of Admissions*  
Academic Programs  
*Appropriate Divisional Chairperson*  
Graduate Programs  
*Director of Graduate Admissions or  
Academic Vice-President*  
Transfer Procedure  
*Coordinator of Transfer Admissions*  
Courses for High School Seniors  
*Director of School-College Programs*  
Credit for Life/Work Experience  
*Executive Director, School of Adult Education*  
Housing  
*Director of Residence Life*

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Financial Assistance for Current Students  
*Financial Aid Director*  
On Campus/Off Campus Employment  
*Career Development and Placement*  
Housing  
*Director of Residence Life*  
Graduation Requirements  
*Registrar*  
Prolonged Absence From Class  
*Director of Student Academic Advising*

Leave of Absence  
*Director of Student Academic Advising*  
Withdrawal From College  
*Director of Student Academic Advising*  
Withdrawal From a Course  
*Registrar*  
Re-Admission to College  
*Registrar*  
Student Activities  
*Director of College Activities*

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*Registrar*  
Evening Courses  
*Executive Director, School of Adult Education*  
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*Student Accounts Office*  
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*Career Development and Placement*  
Veterans  
*Registrar*  
Cross-Registration  
*Registrar*  
Public Relations  
*Director of Public Information*  
Gifts or Bequests  
*Vice President for Advancement*  
Alumni Affairs  
*Director of Alumni Affairs*  
Security/Automobiles  
*Director of Safety and Security*

*Marist College does not discriminate in the admissions process or in the awarding of financial aid on the basis of race, color, sex, religion or disability.*

*Marist College reserves the right to make program, regulation, date, and fee changes at any time without prior notice. The College strives to assure the accuracy of the information in this catalog at the time of publication. However, certain statements contained in this catalog may change or need correction.*



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# UNDERGRADUATE ACADEMIC CALENDAR 1989-90

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## FALL 1989

### September

3	Sunday	New students arrive on campus
5	Tuesday	Returning and continuing students arrive on campus, Freshman/Transfer Orientation Add/Drop for freshman and transfers
6	Wednesday	Day & Evening classes begin, Late Registration
6-12	Wednesday-Tuesday	Course Change Period
12	Tuesday	Last date for course changes Half tuition refund after this date
26	Tuesday	No Tuition refund after this date

### October

10	Tuesday	P/NC Option due; graduation applications due for January 1990
16-20	Monday-Friday	Midterms
23	Monday	Holiday
24	Tuesday	Midterm grades due by 10:00 a.m.

### November

3	Friday	Last date for dropping course without penalty of WF grade; Graduation applications due for May '90
22	Wednesday	Thanksgiving Recess begins at 2:30 p.m., No evening classes
23-24	Thursday-Friday	Holiday
27	Monday	Classes Resume

### December

12	Tuesday	Last day of classes
12	Tuesday	Evening final exams for all Tues. evening U/G and Graduate classes
13-19	Wednesday-Tuesday	Final Exams; NOTE: Saturday exams <i>will</i> be scheduled
27	Wednesday	Final grades due by 10:00 a.m.



# UNDERGRADUATE ACADEMIC CALENDAR 1989-90

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## WINTER INTERSESSION 1990

### January

2	Tuesday	Day & Evening classes begin
15	Monday	Holiday
17-18	Wednesday-Thursday	Faculty Retreat
19	Friday	Last day of classes
24	Wednesday	Final grades for Winter Session due by noon

## SPRING 1990

### January

21	Sunday	Residence Facilities Open
22	Monday	Spring Semester Begins, Day & Evening Classes
22-29	Monday-Friday	Course change period
26	Friday	Last date for course changes; Half tuition refund after this date; Last date for incompletes & grade changes for Fall 1989

### February

9	Friday	No tuition refund after this date
21	Wednesday	Deadline for grade changes & resolving incompletes for Winter 1990 Last date for reporting P/NC Option

### March

5-9	Monday-Friday	Midterms
12-16	Monday-Friday	Spring Recess
14	Wednesday	Midterm grades due by 10:00 a.m.
19	Monday	Classes Resume
27	Tuesday	Last date for dropping courses without penalty of WF grade

### April

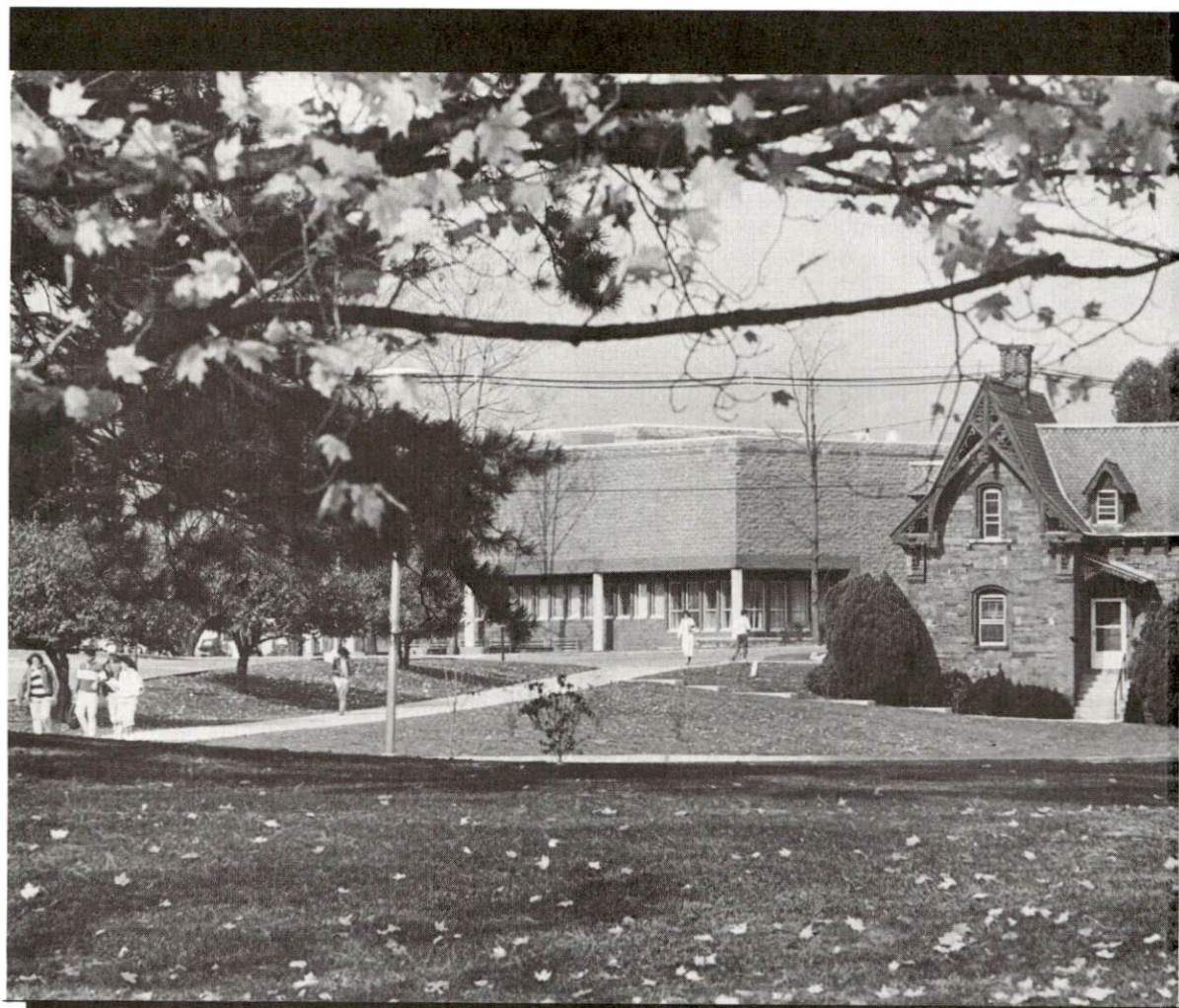
13	Friday	Easter Holiday; No classes held
16	Monday	No day classes; classes resume w/evening classes

### May

2	Wednesday	Last day of classes: Evening Final Exams for all Wednesday evening u/g & graduate classes
3-9	Thursday-Wednesday	Final Exam Period, Saturday exams will be scheduled
10	Thursday	Senior Final grades due by 12:00 noon
19	Saturday	FORTY-FOURTH COMMENCEMENT
22	Tuesday	Final grades due by noon

### June

8	Friday	Last date for grade changes and resolving incompletes for Spring 1990
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# INTRODUCTION TO MARIST

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Located on the east bank of the Hudson River in Poughkeepsie, New York, Marist College is an independent, private 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. 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.

A strong working relationship between students and

faculty is central to 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 Residence Life. Similarly, the Student Government represents the student body and serves as a decision-making group. Special interest organizations generate activities 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

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 Metro-North Railroad is less than a five minute drive from Marist, and the Dutchess County Airport is located in nearby Wappingers Falls.

### HISTORY

The history of Marist College begins 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 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, which permits selected high school seniors to undertake freshman college courses. 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 the 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 upperclassmen, 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 re-named Marian Hall.

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 upperclassmen.



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.

Beginning in the summer of 1988, Marist and the IBM Corporation embarked on a five-year, \$10 million joint study to explore how computer technology can be made easier to use in the future. The joint study has provided Marist with a powerful mainframe computer which can meet all of the academic and administrative needs any college is likely to encounter well into the future. In addition, the joint study involves the networking, via fiber-optic cable, of the mainframe to all parts of the college—classrooms, laboratories, dormitories, offices, the library, and off-campus sites such as Marist extension centers. In addition, the joint study will provide the Marist library with electronic capabilities shared by only a few prestigious research libraries. As the project develops, there will be a significant impact on every academic area at Marist and an improvement in all of the student services that the College provides.

### 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. Clarification: The College holds membership in the New York State unit of the American Association of Colleges for Teacher Education.

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, veteran 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, veteran 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. The Lowell Thomas Communications Center, completed in January of 1987, is a state-of-the-art complex for the departments of communication arts and computer science. It includes facilities for television and radio production, computer-access print journalism rooms, and computer labs. The College also has eight acres on the northwest corner of the campus 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, 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, and has been designed with the needs of the handicapped in mind. Special features of the Library include the Local History Room.

Library hours during the academic year are:

Monday-Thursday	8 a.m. - 12 midnight
Friday	8 a.m. - 6 p.m.
Saturday	10 a.m. - 6 p.m.
Sunday	12 noon-12 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 sports 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 strives to meet the needs of students and faculty for educational and recreational materials to enrich the collegiate experience. The Library offers extensive services to support the effective use of the various collections shelved in the building.

Overlooking the scenic Hudson River, the building provides seating for 375 students. The Library currently holds approximately 116,000 volumes of books, receives 1,000 current periodical titles, and offers a particularly strong collection of over 21,000 units of audiovisual material.

The Library utilizes the latest computer technology to access the collections and to supplement the material holdings. The on-line integrated computer system being introduced will provide enhanced searching capability to quickly locate specific titles in our collection and to determine immediately the availability status of each title. Stu-

dents can also search various bibliographic, periodical, and textual databases in machine readable formats located in the Library. Photocopiers, microform reader/printers, and audiovisual equipment for listening and viewing media in the Library have been strategically placed in the building for efficient use by students.

The reference staff of the Library provides a full range of services to support student needs, including term paper consultations, instruction in the use of specific materials or machines, assistance with general information questions, and access to the interlibrary loan network. As a member of the Online Computer Library Center (OCLC), an international library system and the South-eastern New York Resource Library Council (SENYLRC), the Library has connections to 8,000 libraries and over 18 million titles that serve as a supplement to the Marist College Library collections.

### 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

The Marist College Computer Center has been recently redesigned and expanded due to the IBM/Marist Joint Study. The Joint Study has provided Marist with numerous hardware and software improvements.

The Center now provides more than 20,000 square feet for student laboratories, staff offices and mainframe machine rooms. The new IBM 3090 mainframe provides users with over four billion gigabytes of disk storage space and sixty four million megabytes of main memory. The system is used by Marist College and other institutions for administrative applications, instruction and research.

Students, faculty and staff members can communicate with the computer and each other through interactive terminals located throughout campus, plus off-campus communication is available through telephone lines connected to the mainframe system. There are three mainframe terminal rooms, two of which can be used as classrooms. There are three PC rooms holding over 60 IBM PC's. The PC facilities are supported by a PC Software Library containing over 100 different packages and a PC Support Center with advanced equipment. Most of the labs, whether mainframe or PC have aides on duty for computer assistance. Further assistance and help are available at the Help Desk and in the User Technical Reference Library. The software available on the system include the programming languages VSAPL, PASCAL, ASSEMBLER, APL/2, LISP, REXX, PROLOG, C, as well as the following packages: SCRIPT, SAS, SPSS, MINITAB, STAT-PAK, POLYSOLVE, GPSS, SQL, GDDM, and full-screen editor.

### 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 by *Newsweek*, "Good Morning America", "The Today Show", 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.

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

### 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 (M.P.A.) 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 Masters of Science in Computer Science with two different concentrations. The program in Software Development, through the blending of concepts, theory and practice, and also use of state-of-the-art facilities, prepares people to function in a dynamically changing environment for industry, government or education. The Information Systems program,

on the other hand, prepares thought leaders - the change agents of the new information technology era by combining in its program technical, behavioral and quantitative knowledge with a strong managerial emphasis.

### HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP)

This program is designed to make a college education possible to students who are both academically and economically disadvantaged. In general, a student is academically disadvantaged if the student would not be accepted to Marist under the regular admissions criteria and whose high school grades and/or program do not accurately reflect the potential for success at the college level. An economically disadvantaged student is one who meets the guidelines approved by the Board of Regents.

HEOP students receive a broad range of support services such as counseling, tutoring, and developmental instruction. Incoming freshmen are usually required to take part in a summer pre-freshman program. During this 6 week program students are oriented to college life, participate in academic skills-building courses and become familiar with the services available at Marist College.

The HEOP Program is jointly sponsored by Marist College and the New York State Education Department. Applications are welcomed from New York State residents who possess a high school or an equivalency diploma. For further information, please contact the HEOP office.

### 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 qualified 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 Math 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.

### PRE-LAW

Nearly all law schools require a college degree from an accredited institution as a condition of admission. Few, however, prescribe any particular major or distinct pre-law curriculum. Instead, they recommend not specific subject matter but broadly ranging courses which will promote the acquisition of skills and habits conducive to legal reasoning. Most often they urge the development of:

- Habits of thoroughness, intellectual curiosity and scholarship;
- The ability to organize materials and communicate the results;
- The capacity for critical and creative thinking;
- Verbal skills.

Courses likely to instill these attributes may occur in any discipline, though probably not those of a vocational nature, but especially you should look for:

- A variety of reading assignments selected from well-written sources;
- A large volume of well-directed class discussion;
- Ample opportunity to prepare and criticize written and oral reports.

Leaders of the legal profession have also suggested subjects of greatest value in these regards, and in order of preference these are English language and literature, government, economics, American history, mathematics, English history, Latin, logic and scientific method, and philosophy. They also recommend accounting (not book-keeping) and public speaking.

Broadly speaking, you should of course choose an educational program with objectives and purposes which meet your needs and interests. Too, an interesting and challenging program will inspire your best work and produce an undergraduate record which reflects that fact.

It may also interest you to know that recent Marist graduates have successfully gained admittance to law schools which include Hofstra, SUNY Buffalo, Syracuse, New York School of Law, Albany Law School, Wake Forest



University, Western New England, New York University and Notre Dame University.

Finally, there exists a Pre-Law Advisory Committee to coordinate our activities in this arena. Its members also are available for advising and we urge you to consult with them early and frequently.

R.A. Atkins; Fontaine 309, ext. 295

S.F. Myers; Fontaine 314, ext. 167

C. Rider; Donnelly 204, ext. 409

J.G. White; Fontaine 304, ext. 403

L.C. Zuccarello; Fontaine 307, ext. 214

The Office of Career Development also provides advice and assistance for interested students.

### **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 301 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 in high school. 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 divisions 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 Visit-



ing Student Program, a matriculated student at Marist must have a cumulative index of at least 2.5. Applications are available from the Admission Office and should be submitted to the Office of Student Academic Affairs.

## 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.

**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 at 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. 91 of this catalog) Assessment of prior learning gained through work, community service, military or police training or other areas is administered by the School of Adult Education. See page 15 for more information.

**Marist Alumni/Senior Citizens** may audit any under-

graduate course tuition-free with the permission of the instructor. A semester registration fee is charged. For further information on any of the above programs, call the School of Adult Education at extension 221 or at 897-9648.

**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 at extension 221 or 897-9648.

### 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 20-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 information programs in home horticulture, gardening techniques, 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 week-ends in June, July and August from 10:00 a.m. to 2:00 p.m.

### UPWARD BOUND PROGRAM

Upward Bound is a federally funded program that has been at Marist College for twenty years. The program serves 125 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 AID PROGRAMS (TITLE III)

Marist College has been awarded more than \$3 million from the U.S. Department of Education. These funds have been used to develop masters degree programs in computer science, both in software engineering and informa-



tion systems; to develop undergraduate degree programs in medical science areas; to expand the social work program; and for the preparation of minority students for admission to professional schools.

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.

Most recently, Department of Education funds have been used for the renovation of Donnelly Hall, a major center of the campus which houses classrooms, laboratories and offices, as well as the Marist Computer Center. Partially funded by a \$500,000 Department of Education grant, the extensive renovations have included the exterior, interior and mechanical systems of the building.

Funded partially through a \$300,000 low-interest loan from the Department of Education, Champagnat Hall, the College's largest dormitory, was renovated in 1988 to increase the energy efficiency of the building and update its appearance. The renovation also provided for telephone service to the rooms in the dormitory and prepared for the networking of the dormitory to the mainframe as part of the Marist-IBM Joint Study.

### **SPECIAL ACADEMIC PROGRAMS**

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

**Marist/Greenhaven/HEOP** - partially supported by a grant from the State Education Department, this program enrolls students in fully accredited college courses leading to a certificate in Paralegal Studies and to a Baccalaureate degree in the areas of Psychology, Business, Social Work and the Integrative Major.

**Downstate/Otisville State College Programs** - enrolls students in fully accredited college level courses leading to a Certificate in Juvenile Justice, Paralegal Studies and/or qualifying students for 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, Paralegal Studies, 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 a Certificate in Paralegal Studies and to the Baccalaureate degree in Business.

**Juvenile Facilities Programs** - enrolls students in a college program designed to provide freshman level courses that can 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. This program is offered in the Fishkill, Greenhaven, and Otisville State Programs.



## CAMPUS LIFE

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### 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 in-

dividual. 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 boat-houses 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 outdoor 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. Men's varsity teams are offered in football, soccer, cross country, basketball, swimming and diving, crew, track and field, tennis and lacrosse. Women's varsity teams are offered 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.

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 the 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.

### 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 1988 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 Residence Life, 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 Fresh-



man 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.

### 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.

### 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.

### 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 SERVICES

#### 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 of 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. Accidental 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*—We offer, as a service to incoming freshmen, a battery of assessment inventories applicable to students beginning their college careers. Called the Freshman Survey Program, the inventories measure study habits, career interest, and personality type and are helpful in the major adjustments and decision-making of first and second year students. We are also a test center for some of the national scholastic examinations such as the National Teacher Examination, Graduate Record Exam, Graduate Management Admission Test, and the Law School Admission Test.

*Seminars and Topical Workshops*—The Counseling Center sponsors workshops and seminars in response to community needs. Topics include: Stress Management, Assertiveness, Weight Control/Body Image and Test Anxiety.

## 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.

Assistance to physically disabled students may include personal care attendants, aides, notetakers, readers and interpreters. The Office of Special Services frequently acts as a 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. Students wishing to receive individualized assistance from a certified learning disability specialist must submit an application to the Office of Special Services when they apply for admission to the College. For an application and information regarding admission requirements 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:

AB Dick Office Products  
ABC-TV  
Alfa-Laval, Inc.  
Amerada Hess Oil Corp.  
American Felt & Filter Co.  
AMF, Inc.  
Anderson School  
Baltimore City Police Force  
Bank of New York  
Bankers Trust  
Bergen County Girl Scout Council

Bic Corporation  
Blue Cross/Blue Shield  
Burroughs—OAD  
Camo Pollution Control  
Central Hudson Gas and Electric  
Chase Manhattan Bank  
Chemical Bank  
Citibank  
City of New York  
Congress Financial Corporation  
Coopers & Lybrand, CPAs  
Deloitte, Haskins and Sells, CPAs  
Donaldson, Lufkin and Jenrette  
Doubleday Publishers  
Drexel Burnham Lambert, Inc.  
Dreyfus Fund  
Dutchess Community College  
EF Hutton  
Ernst & Whinney, CPAs  
FBI  
Ford Models  
Grumman Aerospace Corporation  
Harcourt Brace Jovanovich  
Harris Corporation  
Hertz Credit Corporation  
Houston Lighting and Power  
Hughes Television Network  
IBM—East Fishkill  
IBM—Kingston  
IBM—Poughkeepsie  
IBM—Tarrytown  
IRS  
Keuffel and Esser Corporation  
Kmart Apparel  
Lincoln First Bank, N.A.  
Lincoln Hall  
Madison Square Garden TV  
Mandee Shops  
Manufacturers Hanover Trust  
Marine Midland Bank  
McCann-Erickson Ad Agency  
McGraw-Hill, Inc.  
Merrill Lynch  
Metropolitan Insurance Co.  
Miller Brewing Co.  
Montgomery Ward  
Mutual of Omaha  
National Micronetics  
NCR  
New York City Council  
New York Telephone  
New York Times  
NBC-TV  
New Jersey Department of Environmental Protection  
NYS Electric and Gas



NYS Insurance Fund  
 NYS Health Department  
 NYS Police  
 New York City Police Department  
 Pawling Rubber Co.  
 Peat, Marwich and Mitchell, CPAs  
 Poughkeepsie Savings Bank  
 Princeton Testing Laboratories  
 Prudential  
 Reader's Digest  
 Red Cross  
 Rhinebeck County School  
 Samaritan Village, Inc.  
 Sears, Roebuck & Co.  
 Shearson American Express  
 Southern Living Magazine  
 Sperry Corp.  
 Stanley Marks, CPAs  
 Texaco, Inc.  
 Union Carbide Corp.  
 United States Air Force  
 United States Secret Service  
 Vassar Brothers Hospital  
 Vestal Laboratories  
 Warner Computer Systems  
 Weber Lipschitz & Co., CPAs  
 Western Union  
 West Point Military Academy  
 Xerox Corporation  
 Yellow Freight Co.  
 Young and Rubicam Ad Agency  
 Ziff Davis Publishing

## 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 en-

gravers, stickers and maintenance of file.

2. Free loan of battery booster cables. Assistance when possible.
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.

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.

## PARKING & VEHICLE REGISTRATION POLICY

In order to facilitate traffic flow on Marist College property and to ensure unimpeded emergency response to the needs of the college community the following policy has been established.

The Office of Safety/Security is responsible for the implementation of the parking and vehicle registration policy and the enforcement of its provisions.

### Permits

1. All vehicles owned or under the control of members of the Marist Community must be registered with the Office of Safety and Security.
2. When applying for parking permits the following information and documents are required:
  - a. Drivers license
  - b. Vehicle registration
  - c. Vehicle description
  - d. College I.D. number
3. Handicapped parking permits will be issued to students upon presentation of written authorization from the Office of Special Services. Faculty and staff must present a medical certificate when requesting a handicapped parking permit. These documents should be submitted along with the above listed material.

Freshman resident students are not permitted to have a car on campus. Any exceptions must be approved by the Office of the Vice President of Student Affairs.

### Parking Restrictions

Student parking is prohibited in Donnelly parking lot and St. Peters.

Unless otherwise restricted, parking is permitted in the following areas:

### Commuter Student Parking

Commuter student parking is restricted to McCann Lot, Champagnat (south) Lot, Marist East (north & south) Lots,

Lowell Thomas (west) Lot and Sheahan Lot.

#### *Resident Student Parking*

Resident student parking is restricted to Champagnat (north) Lot, Townhouse and Garden Apartment Lot. Overflow parking will go to Lowell Thomas (north) Lot.

It is the responsibility of resident students to advise their guests of parking restrictions.

#### *Faculty and Staff Parking*

Faculty and staff may park in all lots within delineated spaces, and not restricted to special parking situations.

#### *Alternate Parking Lots*

In the event of snow the following alternate parking lots will be used by students:

Vehicles normally parked in the Townhouse Lot will relocate to Lowell Thomas (north) Lot.

Vehicles normally parked in the Garden Apartments Lot will relocate to the North Lot of Marist East.

Student vehicles must be moved by 12:00 noon following a snow storm to facilitate snow removal. Vehicles not so moved will be subject to towing at the owner's expense.

#### *Visitor Parking*

Visitor parking is permitted in Sheahan, McCann, Lowell Thomas (west) and Marist East (north) parking lots. Visitor parking is permitted in delineated spaces unless otherwise restricted by posted notices. Signs will be in place directing visitors to the individual lots. Visitor parking will not be posted as such, but will be on a space available basis.

#### *Admissions Parking*

Visitors to the Admissions Office will park in six reserved spaces in St. Peter's parking lot.

Restricted parking will be identified by posted notices on signs and/or on pavement. Restricted parking includes: fire zones, no parking areas, cross walks, fire hydrants and restricted permit parking. Parking on roads or shoulders of roads is prohibited.

With the exception of resident student parking areas, overnight parking is prohibited unless approved by the Office of Safety & Security.

Vehicles owned or under the control of a member of the Marist Community which do not bear a college parking permit will be subject to a citation and/or towing at the owner's expense.

Vehicles parked in handicapped parking spaces without the appropriate permit will be towed at owner's expense.

Other parking policy violations will result in the issuance of appropriate citations, with towing always an option. It should be noted that parking in a fire zone can be cause for the issuance of a parking ticket by the Fairview Fire Department or Town of Poughkeepsie Police Department, as well as a citation from the Office of Safety and Security. The Fire Department or Police Department ticket is returnable in local court.

The following fines will be assessed for violations of this

parking policy:

1. Failure to Register Vehicle	\$10.00
2. Failure to Display Parking Permit	5.00
3. Parking in Restricted Area	10.00
4. Obstructing Traffic	10.00
5. Failure to Park in Marked Space	5.00
6. Parking in No Parking Area	5.00
7. Parking on Road	5.00
8. Parking on Shoulder of Road	5.00
9. Parking in Fire Zone	10.00 + Tow
10. Blocking Doors and Exits	5.00
11. Parking in Loaded Zone	10.00
12. Driving on Walkway or Grass	5.00
13. Abandoned Motor Vehicle	10.00 + Tow
14. Passed Stop Sign	10.00
15. Excessive Speed	10.00
16. Hindering Snow Removal	10.00
17. Parking in Handicapped Space or Ramp	10.00 + Tow
18. Parking in Crosswalk	5.00
19. Parking at Fire Hydrant	10.00
20. Blocking Vehicle	5.00

Fines must be paid at the Business Office within 10 days of issue. Fines paid after 10 days of issue will require an additional assessment of 50% of the initial fine.

Individual student accounts will be charged for any unpaid parking policy violations at the end of each semester.

In the event that an individual accrues two unpaid tickets, a third violation will result in towing, at the owner's expense, as well as ticketing. Failure to pay parking fines within the fiscal year will result in revocation of the individual's parking privilege for the upcoming year.

There will be no exception to this policy or its enforcement.

### **INTERNATIONAL STUDENTS**

It is the responsibility of international 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. An International Education Committee is available on campus to assist students in cultural, social, academic and legal matters.

### **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

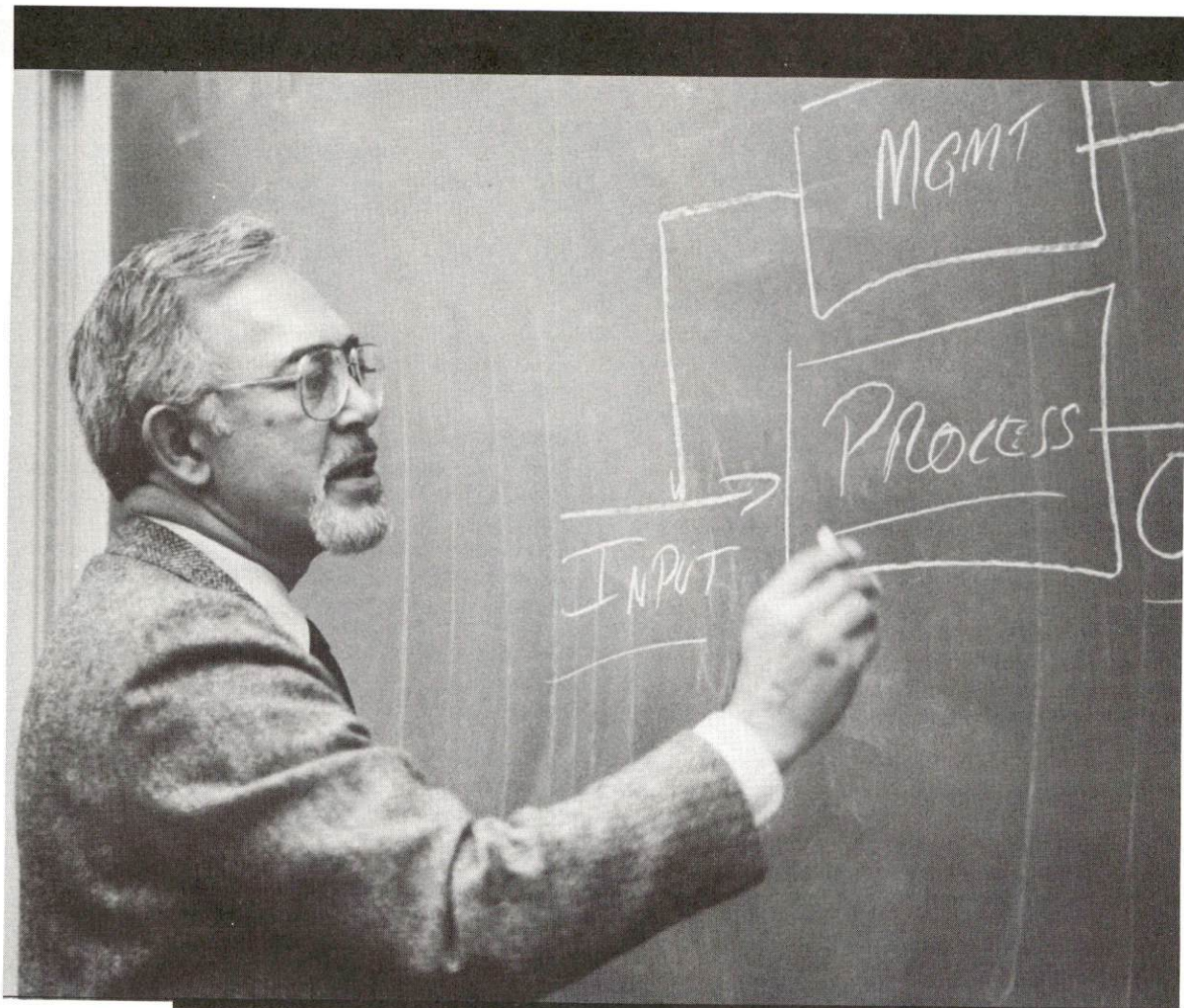
The Marist College Alumni Association includes all undergraduate and graduate degree recipients of Marist. Its goals are to encourage a close and support relationship among alumni and promote the growth and welfare of the College.

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 Magazine" 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.



# ACADEMIC POLICIES

## ADMISSION TO THE COLLEGE

### ADMISSION TO THE FRESHMAN CLASS

All those applying to Marist must have graduated from an accredited high school or possess the appropriate high school equivalency 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 guidance counselor or college advisor



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. The interview is frequently helpful in arriving at admissions and financial aid decisions.

### INTERNATIONAL STUDENTS

In addition to meeting the academic standards for admission, international students applying for undergraduate admission to Marist College should supply the Admissions Office with the following:

1. Official translated transcripts of secondary school records.
2. An official translated transcript from any college or university attended.
3. Score reports of any national examinations administered by the applicant's country.
4. Official results of the Scholastic Aptitude Test (SAT), if available.
5. A student whose native language is not English but who has attended school in the United States for two or more years may be waived from taking the TOEFL exam at the discretion of the Admissions Office.
6. A statement of financial support indicating sufficient funds to cover educational and living expenses. A notarized statement of financial support by a sponsoring organization will suffice. NOTE: Only students who are citizens or permanent residents of the U.S. are eligible for grants and scholarships from Marist College.

An international student should apply at *least* four months before the start of the semester he or she wishes to begin studies. Students who have not attended school in the U.S. and/or whose native language is not English are strongly advised to begin their study in September. Accepted students receive a letter of admission, an enrollment form and an "I-20" form which enables them to apply for an F-1 Student Visa at a U.S. Embassy or Consulate.

Overseas students should plan to arrive several days before classes begin in order to participate in the Marist International Student Orientation which occurs the week before full semester classes begin. The orientation is geared to help students become more familiar with the United States, the Marist campus and the surrounding community. During orientation, all overseas students are individually tested for language proficiency to determine appropriate level of course entry. Additional pre-requisites may be required.

### 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 college advisor or guidance counselor, and the results of the College Entrance Examination Board Aptitude Test must be submitted before any decision regarding admission can be made.

Deadline for all completed Early Decision applications is December 1, with notification made before January 1. Candidates applying for Early Decision are not restricted to Marist as their single choice college. Accepted candidates need *not* finalize their decision to enroll prior to May 1.

### 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.

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 entrance 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. Further information, as well as an application for transfer admission 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 similar in scope and content to courses offered by Marist College.
2. Only those courses in which a grade C or better has been obtained may be transferred to meet requirements. C-grades will only be awarded on elective credits.
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 25 or more credits accepted*

1. If these credits include two writing courses the student is exempt from any further writing requirement.
2. If these credits include one writing course, the Placement Examination must be taken to decide if the student will take College Writing II or Advanced Writing. If a student places into Introduction to College Writing or College Writing I, these courses will be noted on their cover sheet as "recommended."

*Transfers with less than 25 credits accepted*

1. These students will be treated as freshmen: they will have to take the writing courses as required by the results of the Writing Placement Examination, regardless of writing courses transferred (the transferred courses will be counted as electives).
2. The only exception to this policy is that students with two writing courses accepted will be considered exempt if they place into the course Advanced Writing.

A student may transfer from a community college at any time without having been awarded the Associate's Degree, however, 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. 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).

## 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.)

Only those courses with a C grade or better may be transferred. C-grades will only be awarded elective credits.

## 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 may be required 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

### ACADEMIC ADVISORS

Each student is offered the opportunity to plan his or her college program of studies with the assistance of an academic advisor. A student's advisor becomes the contact person for future recommendations which may be re-



quested for the student by graduate schools or potential employers.

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

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

All students are required to meet with their 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 an 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 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 academic 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 Execu-

tive Director 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 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. All withdrawals from courses require the instructor's signature on a withdrawal form available at the Registrar's Office. If the instructor is unavailable and the deadline for withdrawals is at hand, the appropriate divisional chair may sign the withdrawal form in the absence of the instructor.

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 between the fourth and eighth week 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. Double majors and certificates must be completed by the time the four-year degree requirements have been met.

### **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. Minors must be completed by the time the four-year degree requirements have been



met. Students who declare a minor will be held to the requirements of the catalog year in which they declare the minor.

## 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.

## 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 instructors 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 ele-

ments 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 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.

**W/WF**  
The grade of W is assigned to a student who officially withdraws from a course between the fourth and eighth week 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.

Note that all withdrawals from courses require the instructor's signature on a withdrawal form available at the Registrar's Office. If the instructor is unavailable and the deadline for withdrawals is at hand, the appropriate



divisional chair may sign the withdrawal form in the absence of the instructor.

## 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.

## 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 satis-

factory 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 PROCESS

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.

All students are expected to meet the following minimum standard: a cumulative grade point average of 2.0 at the end of each semester. A student who fails to achieve a 2.0 cumulative grade point average, or any student whose semester grade point average falls below 2.0, is subject to warning, probation or dismissal.

## 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 extra-curricular activities, including, but not limited to, varsity athletics. Restrictions on such participation during the first semester of probation are made by the college's faculty 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-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

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.

### 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 failed, 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 a learning theory application 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 Advising 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 contact the Director of Student Academic Advising 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, and request a re-evaluation of their credits.

### 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 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. Applications must be filed in order to receive commencement mailings, and so that student diplomas may be ordered.

## 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 a 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 "Academic Schedule" 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 fifteen majors, the Bachelor of Science degree in eleven 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, Computer Information Systems, 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

Students follow the core curriculum from the catalog under which they were admitted to Marist College.

Students are responsible for the major and/or minor requirements of the catalog of the year in which they declared their major and/or minor.

### 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. This is determined by the Director of the Writing Program based on the number of credits transferred in.
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 transfers (30 or more credits at entrance) must fulfill a three credit requirement PHIL 103, World Views and Values.
3. Core/Liberal Studies Distribution Area Requirements  
The program exposes students to a variety of disciplines outside of their major fields. Each of the introductory courses should not only broaden the student's intellectual horizons but should also, where appropriate:
  - a. confront basic value questions of a discipline
  - b. expose the discipline's methodological approaches to knowledge
  - c. teach demonstrable skills associated with the discipline
  - d. 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 courses from the following areas. In some cases major

or related field requirements may fulfill requirements and pairings in 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 35)

### 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. 37 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.

4. Capping experience required for students pursuing a BA or BS degree. Not required for BPS candidates.

## 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:

1. 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.
2. His or her course choices should be related to the achievement of these goals.
3. 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.

## 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.

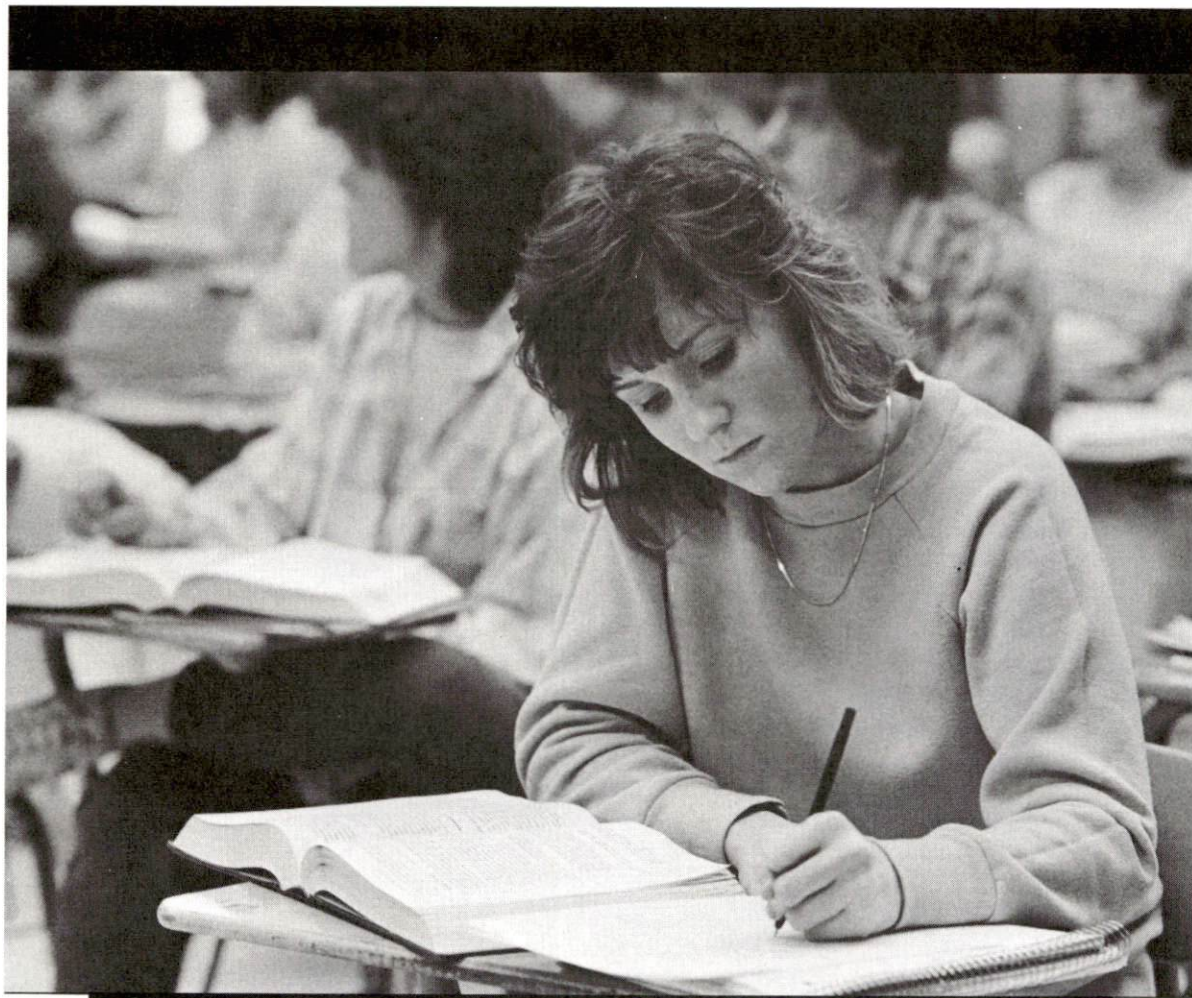
Applications to be candidates for a second baccalaureate degree should be submitted to the Registrar. A candidate for a second baccalaureate degree must complete at least 30 credit hours beyond the requirements of his or her first baccalaureate degree.

## 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
ADVT	(04)	Advertising
AMST	(03)	American Studies
ANTH	(05)	Anthropology
ART	(08)	Art
BIO	(12)	Biology
BUS	(15)	Business
CHEM	(19)	Chemistry
COMM	(20)	Communication Arts
CIS	(25)	Computer Information Systems
CMMA	(59)	Computer Math
CMSC	(21)	Computer Science
CRJU	(22)	Criminal/Juvenile Justice
ECON	(23)	Economics
EDUC	(27)	Education
ENG	(30)	English
ENSC	(32)	Environmental Science
FDM	(33)	Fashion Design and Merchandising
FREN	(34)	French
GEOG	(36)	Geography
GERM	(37)	German
HIST	(44)	History
INTD	(50)	Interdisciplinary
ITAL	(48)	Italian
LAT	(55)	Latin
LERN	(54)	Library
MATH	(58)	Math
MEDT	(56)	Medical Technology
MUS	(61)	Music
PHIL	(64)	Philosophy
PHED	(67)	Physical Education
PHYS	(71)	Physics
POSC	(74)	Political Science
PRLG	(76)	Paralegal
PSYC	(78)	Psychology
REST	(79)	Religious Studies
RUSS	(81)	Russian
SCI	(85)	Science
SOC	(88)	Sociology
SOCW	(89)	Social Work
SPAN	(92)	Spanish



# THE CORE/LIBERAL STUDIES CURRICULUM

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## **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



# THE CORE/LIBERAL STUDIES CURRICULUM

depth. The Core/Liberal Studies experience will culminate in a senior year capping course in the major field.

The 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.

### 1. Natural Science Areas

6 cr

Biology

Chemistry

Physics

Environmental Science

Physical Anthropology

Human Geography

Foreign Language Option (see\* below)

### 2. Social Science Areas

6 cr

Cultural Anthropology

Economics

Political Science

Psychology

Sociology

## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

# THE CORE/LIBERAL STUDIES CURRICULUM

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3.	<b>History Area: Remaining field requirement fulfilled by</b> History OR Foreign Language Option (see* below)	3 cr
4.	<b>Literature Areas</b> Literature in English, Foreign Literature in Translation or in Foreign Language Foreign Language Option (see* below)	6 cr
5.	<b>Mathematics Area</b> Mathematics Foreign Language Option (see* below)	6 cr
6.	<b>Fine Arts Areas</b> Art Film Music Theater Arts	3 cr
7.	<b>Philosophy/Religious Studies Area</b> May not be fulfilled by Foundation Courses: PHIL 101, 102, 103	3 cr

---

33 cr

**\*Foreign Language Option**

0-9 cr

- 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 two of the following distribution requirements. Elementary Latin II may also be used.
  - 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 *one* 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.
- d. Successful completion of 1 year in MAP may waive 3 cr. in the foreign culture option.

3.4 **Capping Experience**

3 cr

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.

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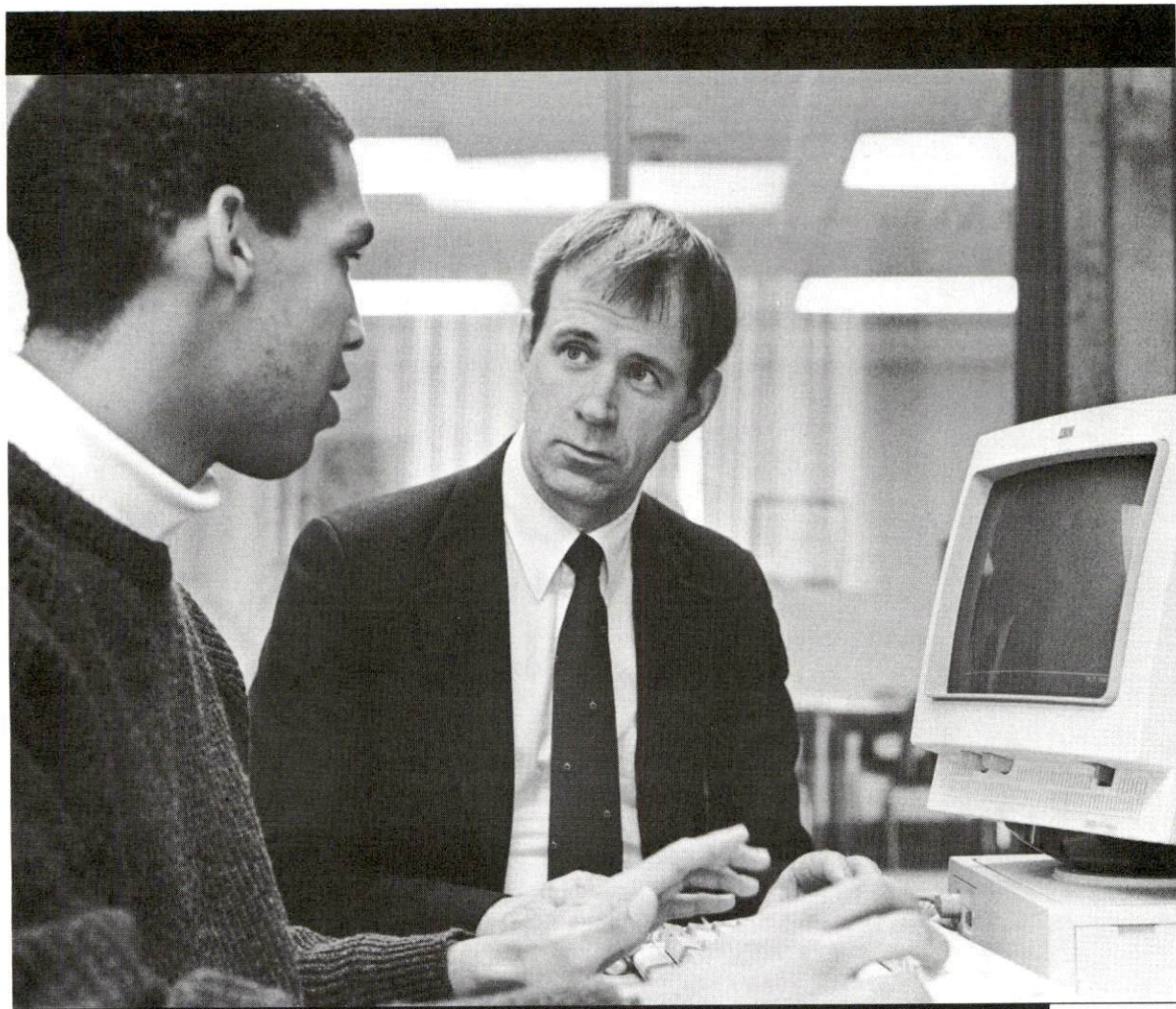
12 cr

**Total Credits for Core/LS Requirement**

45-51 cr

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## PROGRAMS OF STUDY

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### **ACCOUNTING**

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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.

# PROGRAMS OF STUDY

## 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, 477

<b>Credit Requirement in Accounting</b>	<b>30 cr</b>
---	--------------

- |   |       |
|---|-------|
| 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                                  | 3 cr  |

<b>Credit Requirement in Related Fields</b>	<b>45 cr</b>
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<b>Total Credit Requirement for a Major in Accounting</b>	<b>75 cr</b>
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- 3.0 Core/Liberal Studies Requirements

- |                   |                |
|-------------------|----------------|
| 3.1 FOUNDATION    |                |
| Philosophy/Ethics | 6 cr           |
| Writing           | 3-6 cr         |
|                   | <b>9-12 cr</b> |

- |                              |  |
|------------------------------|--|
| 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.) |
|                              | <b>24 cr</b>                           |

<b>Total Core/Liberal Studies Requirement</b>	<b>33-36 cr</b>
---	-----------------

- |               |         |
|---------------|---------|
| 4.0 Electives | 9-12 cr |
|---------------|---------|

<b>Total Credit Requirement for Graduation</b>	<b>120 cr</b>
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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. Cannot substitute for any specific course.

\*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 A MINOR IN ACCOUNTING

Introductory Level Courses

ACCT 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
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TWO courses from the following:

ACC 301, 302, 303, 311, 350, 401, 402, 403, 404	6 cr
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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 Inter. 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 I  
MATH 130 Statistics  
ECON 101 Prin. of Macroeconomics  
Core/LS  
Core/LS

##### SPRING

ACC 302 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 Current Issues  
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.

## PROGRAMS OF STUDY

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### ADVERTISING

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JEPHTA H. LANNING, *Ph.D., Divisional Chairperson*

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#### REQUIREMENTS FOR A MINOR IN ADVERTISING

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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

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**Total Credit Requirement for a Minor in Advertising** 30 cr

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### AMERICAN STUDIES

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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 inter-

disciplinary 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

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

1.0 Capping	3 cr
2.0 Course Requirements in Related Fields	
ART or MUS 363 or 243	3 cr
ENGL 210 and 211	6 cr
One of the following:	
ENG 240, 242, 244, 340, 341, 403, 441, 443	3 cr
An ENGL course from other than American Literature	3 cr
HIST 135	3 cr
Three courses selected from the following:	
HIST 123, 124, 225, 311, 312, 320, 321, 331, 364, 366, 413	9 cr
One course from other than American History	3 cr
PHIL 240 and 342	6 cr

#### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

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## PROGRAMS OF STUDY

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POSC Two courses selected from the following:

POSC 110, 210, 211, 212, 312

6 cr

One course from POSC 205, 243, 251, 252, 273, 350, 353, 355, 372

3 cr

REST 201

3 cr

---

### Total Requirement for a Major in American Studies

51 cr

#### 3.0 Core/Liberal Studies Requirements

##### 3.1 FOUNDATION

Philosophy/Ethics

6 cr

Writing

3-6 cr

9-12cr

##### 3.2 DISTRIBUTION\*

Mathematics

6 cr

Science

6 cr

All other requirements in distribution area fulfilled by  
major field requirements

12 cr

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### Total Credit Core/Liberal Studies Requirement

21-24 cr

#### 4.0 Electives

48-51 cr

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### 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.*

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## ANTHROPOLOGY

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

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### 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

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### 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.

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### REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BIOLOGY

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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

3 cr

#### 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, 211

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 490, 491, 492

BIO 390, 391, 392

EDUC 422

10-13 cr

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

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### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

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# PROGRAMS OF STUDY

<b>Credit Requirement in Related Fields</b>	<b>35 cr</b>
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<b>Total Credit Requirement for a Major in Biology</b>	<b>73 cr</b>
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## 3.0 Core/Liberal Studies Requirements

### 3.1 FOUNDATION

Philosophy/Ethics	6 cr	
Writing	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	0 cr	(fulfilled by related field req.)
Philosophy/Religious Studies	3 cr	
Social Science	6 cr	
		24 cr

<b>Total Core/Liberal Studies Requirement</b>	<b>33-36 cr</b>
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4.0 Electives	9-12 cr
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<b>Total Credit Requirement for Graduation</b>	<b>120 cr</b>
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*\*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 BIOLOGY MAJOR

### FRESHMAN YEAR

#### FALL

BIO 111 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	3 cr
	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	3 cr
	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	3 cr
	15 cr

#### SPRING\*

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

## PROGRAMS OF STUDY

### 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 320 Genetics	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>
<b>Credit Requirement in Biology</b>	21 cr
2.0 Course Requirements in Related Fields	
CHEM 21, 212, 213	
MATH 221, CMCS 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>
<b>Total Credit Requirement for Graduation</b>	120 cr

### RECOMMENDED SEQUENCE OF COURSES AT MARIST

#### MARIST/5th Semester

BIO 210 Cellular Biology I	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
	<u>15 cr</u>

#### 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
	<u>14 cr</u>



## PROGRAMS OF STUDY

### 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. Selec-

tion 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 minimum of 60 credits in Liberal Arts required.

#### 1.0 Course Requirements in Business

BUS 101, 102, 301, 320, 340, 380, 381, 388, 477	27 cr
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Additional courses in *one* of the following concentrations:

Finance Concentration:

BUS 420, 421, ECON 420	9 cr
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Marketing Concentration:

BUS 440, 441, 450	9 cr
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Computer Information Systems Concentration:

CMSC 105, 112, CIS 281, 404	13 cr
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Personnel/Labor Relations Concentration:

BUS 401, 402, 410	9 cr
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Public Administration Concentration:

POSC 110, 240 or 301, 283	
ECON 421, ACC 451	15 cr

### Credit Requirement in Business

36-42 cr

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

### 2.0 Course Requirements in Related Fields

ACC 203, 204	6 cr
CMSC 103	3 cr
ECON 101, 102	6 cr
MATH 115, 130, 230	9 cr

<b>Credit Requirement in Related Fields</b>	<b>24 cr</b>
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<b>Total Credit Requirement for a Major in Business Administration</b>	<b>60-66 cr</b>
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### 3.0 Core/Liberal Studies Requirements

#### 3.1 FOUNDATION

Philosophy/Ethics	6 cr
Writing	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

<b>Total Core/Liberal Studies Requirement</b>	<b>33-36 cr</b>
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<b>4.0 Electives</b>	<b>22-27 cr</b>
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<b>Total Credit Requirement for Graduation</b>	<b>120 cr</b>
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*\*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 Greenhaven and Otisville Federal correctional facilities.

### 1.0 Course Requirements in Business

BUS 101, 102, 301, 320, 340, 380, 477	21 cr
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<b>Credit Requirement in Business</b>	<b>21 cr</b>
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## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE



## PROGRAMS OF STUDY

### 2.0 Course Requirements in Related Fields

ACC 203, 204	6 cr
CMSC 103	3 cr
ECON 101, 102	6 cr
MATH 108, 130	6 cr

**Credit Requirement in Related Fields** 21 cr

**Total Credit Requirement for a Major in Business Administration** 42 cr

### 3.0 Core/Liberal Studies Requirements

#### 3.1 FOUNDATION

Philosophy/Ethics	6 cr
Writing	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 101, 301, 320, 340	12 cr
ONE concentration course	3 cr

(cannot be used to fulfill to program requirements) 15 cr

**Total Credit Requirement for a Minor in Business** 33 cr

## PROGRAMS OF STUDY

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### **RECOMMENDED PROGRAM SEQUENCE FOR THE B.S. IN BUSINESS ADMINISTRATION WITH Concentrations in Computer Information Systems, Finance, Marketing, Personnel, and Public Administration**

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#### **FRESHMAN YEAR**

##### **FALL**

Core/LS PHIL 101  
CMSC 103 Intro to Computer Sys.  
Core/LS Writing  
MATH 108 Intern. Algebra or Elective  
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

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#### **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

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#### **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

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#### **SENIOR YEAR**

##### **FALL**

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

##### **SPRING**

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

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## 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, 420	37 cr
Additional courses selected from the following:	
CHEM 430*, 440, 482, 483	3 cr
CHEM 450 Advanced Integrative Lab	4 cr
*Required of students pursuing an ACS approved program	
CHEM 477 Capping Course	3 cr

**Credit Requirement in Chemistry** 47 cr

2.0 Course Requirements in Related Fields	
MATH 221-222, 320	9 cr
PHYS 211, 212, 213-214	8 cr
CMSC 103 or 105*	4 cr

\*Choice consistent with background in Computer Science

**Credit Requirement in Related Fields** 21 cr

**Total Credit Requirement for a Major in Chemistry** 68 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION	
Philosophy/Ethics	6 cr
Writing	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	0 cr (fulfilled by related field req.)
Philosophy/Religious Studies	3 cr
Social Science	6 cr
	24 cr

**Total Core/Liberal Studies Requirement** 33-36 cr

4.0 Electives	19-22 cr
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**REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE**

# PROGRAMS OF STUDY

## Recommended Courses

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

## 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 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	3 cr

## Total Credit Requirement for a Minor in Chemistry

23 cr

## RECOMMENDED PROGRAM SEQUENCE FOR A CHEMISTRY MAJOR

### FRESHMAN YEAR

FALL		SPRING	
CHEM 111 Chemistry I	3 cr	CHEM 112 Chemistry II	3 cr
CHEM 113 Chemistry Lab I	2 cr	CHEM 114 Chemistry Lab II	2 cr
MATH 221 Calculus I	3 cr	MATH 222 Calculus II	3 cr
Core/LS PHIL 101	3 cr	Core/LS PHIL 102	3 cr
Core/LS Writing	3 cr	Core/LS Writing or Elective	3 cr
	14 cr		14 cr

### SOPHOMORE YEAR

FALL		SPRING	
CHEM 221 Organic Chemistry I	3 cr	CHEM 212 Organic Chemistry II	3 cr
MATH 320 Calculus III	3 cr	CHEM 213 Organic Chemistry Lab	2 cr
PHYS 211 Physics I	3 cr	PHYS 212 Physics II	3 cr
PHYS 213 PPhysics Lab I	1 cr	PHYS 214 Physics Lab II	1 cr
CMSC 105 Comp. Science I	4 cr	Core/LS	6 cr
	14 cr		15 cr

### JUNIOR YEAR

FALL		SPRING	
CHEM 411 Physical Chemistry I	3 cr	CHEM 412 Physical Chemistry II	3 cr
CHEM 412 Experimental Phys. Chem	2 cr	CHEM 352 Instrumental Methods	4 cr
CHEM 351 Quantative Analysis	4 cr	Core/LS	9 cr
Core/LS	6 cr		16 cr
	15 cr		

### SENIOR YEAR

FALL		SPRING	
CHEM Elective	3 cr	CHEM 450 Advanced Integrated Lab	4 cr
Electives	10 cr	CHEM Elective	3 cr
Core/LS	3 cr	CHEM Capping Course	3 cr
	16 cr	Electives	6 cr
			16 cr



## COMMUNICATION

JEPHTHA H. LANNING, 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 Course required for all Communication majors:

COMM 104, 105, 477

9 cr

- 1.1 **Approved Courses in Tracks**

15 cr

### Organizational Communication and Public Relations

206 Interpersonal Comm  
207 Mass Comm  
421 Organizational Comm  
422 Public Relations  
430 Public Opinion

### Theater

201 Oral Interpretation  
350 Theory & Pract. of Theater  
One of the following sequences:  
355 and 356 British Drama  
352 and 353 American Drama  
250 and 354 Modern Theater  
One of the following:  
450 Shakespeare  
451 Theater Workshop

### Journalism

324 Journalism  
424 Adv Journalism  
Three of these:  
248 Press in America  
423 Readings in Journalism  
429 Newspaper Editing  
436 Mass Comm Law

### Public Address and Rhetorical Theory

205 Persuasion  
270 Readings in Comm.  
Three of the following:  
201 Oral Interpretation  
204 Crit. of Publ. Address  
206 Interpersonal Comm.  
208 Debate

### Radio/TV/Film

230 Art of the Film  
325 Broadcasting  
Two of the following:  
330 Film Theory  
333 Comm. Revolutions  
340 TV Theory  
345 Documentary  
347 Experimental Cinema  
420 Comparative Systems  
427 Masters of the Film  
436 Mass Comm Law  
One of the following:  
320 TV Production  
327 Writing for RTV  
328 Cinematography  
425 Radio Broadcasting

- 1.2 Each student is required to take three additional upper-level courses at the 300-400 level.

9 cr

## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

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- 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

6 cr

Writing

3-6 cr

9-12 cr

#### 2.2 DISTRIBUTION\*

Naturay 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

39-45 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/LS Curriculum description of foreign language option in catalog.*

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## REQUIREMENTS FOR A MINOR IN COMMUNICATION ARTS

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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.

15 cr

### Total Credit Requirement for a Minor in Communication Arts

21 cr

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## RECOMMENDED PROGRAM SEQUENCE FOR A COMMUNICATION MAJOR

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### 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



## PROGRAMS OF STUDY

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### SOPHOMORE YEAR

#### FALL

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

#### SPRING

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

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### JUNIOR YEAR

#### FALL

Major Elective  
Major Elective  
Core/LS  
Core/LS  
Elective

#### SPRING

Major Elective  
Core/LS  
Core/LS  
Elective  
Elective

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### SENIOR YEAR

#### FALL

Major Elective  
Core/LS  
Elective  
Elective  
Elective

#### SPRING

Major Elective  
COMM 477 Capping Course  
Elective  
Elective  
Elective

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## COMPUTER INFORMATION SYSTEMS

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

This major is designed to provide students with a broad background in the newly emerging discipline of Computer Information Systems that serves as a bridge between Computer Science and Business. The program's courses

provide a balance of technical and business skills that are pertinent to the development, implementation and maintenance of information systems in a variety of organizational settings.

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### REQUIREMENTS FOR A BACHELOR OF SCIENCE IN COMPUTER INFORMATION SYSTEMS

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

#### 1.0 Course Requirements in CMSC and CIS

CMSC 105, 112, 212	10 cr
CIS 236, 281, 321, 404, 406, 408, 461	21 cr
CIS 477 (capping course)	3 cr

#### Total Credit Requirement in CMSC and CIS

34 cr

#### 2.0 Course Requirements in Related Fields

MATH 115 (or both MATH 221 and 222), MATH 130 (or 330), 230, 250	12-15 cr
ECON 101, 102	6 cr
BUS 101, 102, 301, 340	12 cr
ACCT 203, 204	6 cr

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### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

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## PROGRAMS OF STUDY

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ONE additional course selected from the following:

BUS 320, BUS 388 3 cr

ONE additional upper-level course in

MATH, CIS, CMSC, BUS or ECON 3 cr

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**Total Credit Requirement in Related Fields**

42-45 cr

**Total Credit Requirement for a Major in  
Computer Information Systems**

76-79 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION COURSES

Philosophy/Ethics 3-6 cr

PHIL 101 and 102\* or PHIL 103\*\*

Writing\*\*\* 3-6 cr

ENG 116 and ENG 117 or

ENG 117 or ENG 118

History

HIST 135 3 cr

9-15 cr

\*For students entering with 0-29 credits.

\*\*For students entering with 30 or more credits.

\*\*\*Determined by the Writing Placement Test.

3.2 DISTRIBUTION STUDIES\*

Fine Arts 3 cr

History 3 cr

Literature 6 cr

Mathematics\*\* 0 cr

Natural Science 6 cr

Philosophy/Religious Studies 3 cr

Social Science\*\* 0 cr

21 cr

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**Total Credit Requirement Core/Liberal Studies**

30-36 cr

4.0 Electives

5-14 cr

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**Total Credit Requirement or 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 Curriculum description of foreign language option in catalog.*

*\*\*These are fulfilled by the related fields requirements.*



# PROGRAMS OF STUDY

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## RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN COMPUTER INFORMATION SYSTEMS

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### FRESHMAN YEAR

#### FALL

CMSC 105 Comp. Sci I	4 cr
MATH 115 Calc. w/Mgmt. Appl.	
or	
MATH 221* Calculus I	3 cr
HIST 135 Origins of West. Soc.	3 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
	<u>16 cr</u>

#### SPRING

CMSC 112 Comp. Sci. II	3 cr
MATH 130 Intro. Stat. I	
or	
MATH 222* Calculus II	3 cr
MATH 250 Discrete Math.	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
	<u>15 cr</u>

### SOPHOMORE YEAR

#### FALL

CMSC 212 Comp. Sci. III	3 cr
CIS 281 CIS Concepts	3 cr
BUS 101 Managerial & Organ. Behavior	3 cr
ECON 101 Prin. of Macroecon.	3 cr
ACCT 203 Financial Acct.	3 cr
	<u>15 cr</u>

#### SPRING

CIS 236 Prob. Solving & Programming in Business	3 cr
MATH 230 Operational Models	3 cr
BUS 102 Business & Society	3 cr
ECON 102 Prin. of Microecon.	3 cr
ACCT 204 Managerial Acct.	3 cr
	<u>15 cr</u>

### JUNIOR YEAR

#### FALL

CIS 404 Sys. Analysis Methods	3 cr
CIS 408 Data Management	3 cr
MATH 330** Probability & Statistics	
or	
Elective	3 cr
Core/LS	6 cr
	<u>15 cr</u>

#### SPRING

CIS 321 Archit. of Hardware and Software	3 cr
CIS 461 Systems Design Methods	3 cr
BUS 301 Personnel Admin.	3 cr
Core/LS	6 cr
	<u>15 cr</u>

### SENIOR YEAR

#### FALL

CIS 406 Data Communications	3 cr
Related Field Elective	3 cr
BUS 340 Marketing Mgmt.	3 cr
Core/LS	6 cr
	<u>15 cr</u>

#### SPRING

CIS 477 CIS Project (Capping Course)	3 cr
Upper Level Elective	3 cr
Elective	6 cr
Core/LS	3 cr
	<u>15 cr</u>

\*MATH 221 & 222 are especially recommended for students undecided between COMPUTER SCIENCE and COMPUTER INFORMATION SYSTEMS. MATH 221 alone will not satisfy the calculus requirement in this major.

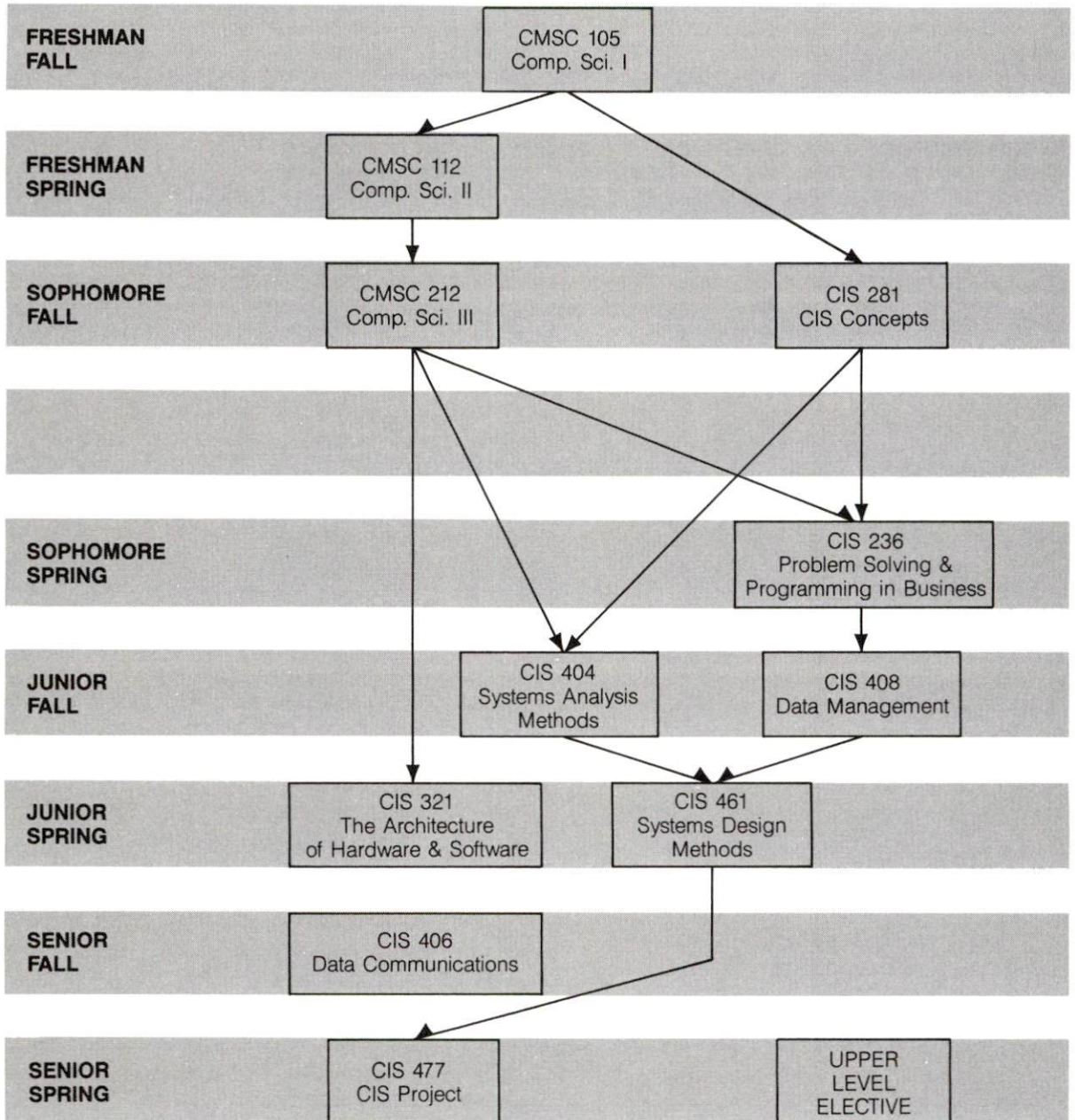
\*\*MATH 330 for those students who selected MATH 221 & MATH 222, or for those desiring a more theoretical treatment of probability and statistics.

#RFE in Mgmt. Studies Division (BUS 320-Financial Management or BUS 388-Production Management recommended.)

(Note: Students electing BUS 320 as RFE will graduate with a minor in Business.)

## PROGRAMS OF STUDY

### CIS COURSES IN A SAMPLE SEQUENCE





## PROGRAMS OF STUDY

### 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

2.0 Course Requirements in Related Fields: None

**Total Credit Requirement for a Major in Computer Mathematics**

52 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

Philosophy/Ethics	6 cr
Writing	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	6 cr	

30 cr

**Total Core/Liberal Studies Requirement**

39-42 cr

4.0 Electives

Recommended courses

MATH 420, 421, 422, 423, 424, 451, 452	26-29 cr
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**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.

# PROGRAMS OF STUDY

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## RECOMMENDED PROGRAM SEQUENCE FOR BACHELOR OF ARTS IN COMPUTER MATHEMATICS

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### 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
	<u>16 cr</u>

#### SPRING

CMSC 112 Computer Science II	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
Elective	<u>6 cr</u>
	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
	<u>15 cr</u>

#### SPRING

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

#### SPRING

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

### SENIOR YEAR

#### FALL

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

#### SPRING

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



## PROGRAMS OF STUDY

### 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. The 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, 415, 422	34 cr		
CMSC 477 Capping Course	3 cr		
Any three upper level courses to be selected from the following:			
• Any 300 or 400 level CMSC courses except internship			
• Restricted to a maximum of one Math course (chosen from MATH 412, 430 and 440)			
• Any 500 level graduate CS/software development course.*	9 cr		
		46 cr	
2.0 Course Requirements in Related Fields			
MATH 210, 221, 222, 250, 251, 330	18 cr		
(Laboratory Science Physics I-II recommended)	8 cr		
		26 cr	
<b>Total Credit Requirement for a Major in Computer Science</b>			72 cr
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	0 cr	(fulfilled by related field req.)	
Social Science	6 cr		
History	6 cr		
Literature	6 cr		
Mathematics	0 cr	(fulfilled by related field req.)	
Fine Arts	3 cr		
Philosophy/Religious Studies	3 cr		
		24 cr	
<b>Total Core/Liberal Studies Requirement</b>			33-36 cr
4.0 Electives			12-15 cr
<b>Total Credit Requirement for Graduation</b>			120 cr

\*Permission of Instructor and Chair required.

## PROGRAMS OF STUDY

### 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		SPRING	
CMSC 105 Computer Science I	4 cr	CMSC 112 Computer Science II	3 cr
MATH 221 Calculus I	3 cr	MATH 222 Calculus II	3 cr
Core/LS PHIL 101	3 cr	MATH 250 Discrete Math	3 cr
Core/LS Writing	3 cr	Core/LS PHIL 102	3 cr
Core/LS	3 cr	Core/LS Writing or Core/LS	3 cr
	16 cr		15 cr

#### SOPHOMORE YEAR

FALL		SPRING	
CMSC 212 Computer Science III	3 cr	CMSC 230 Assembly Language	3 cr
MATH 210 Linear Algebra	3 cr	CMSC 233 Language Study	3 cr
MATH 320 Calculus III	3 cr	MATH 330 Prob. & Stat.	3 cr
Core/LS Lab Science	4 cr	Core/LS Lab Science	4 cr
Core/LS	3 cr	Core/LS	3 cr
	16 cr		16 cr

#### JUNIOR YEAR

FALL		SPRING	
CMSC 312 Software Devel.	3 cr	CMSC 331 Theory of Program. Language	3 cr
CMSC 330 Computer Organization	3 cr	CMSC 340 Algorithm Design & Analysis	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

#### SENIOR YEAR

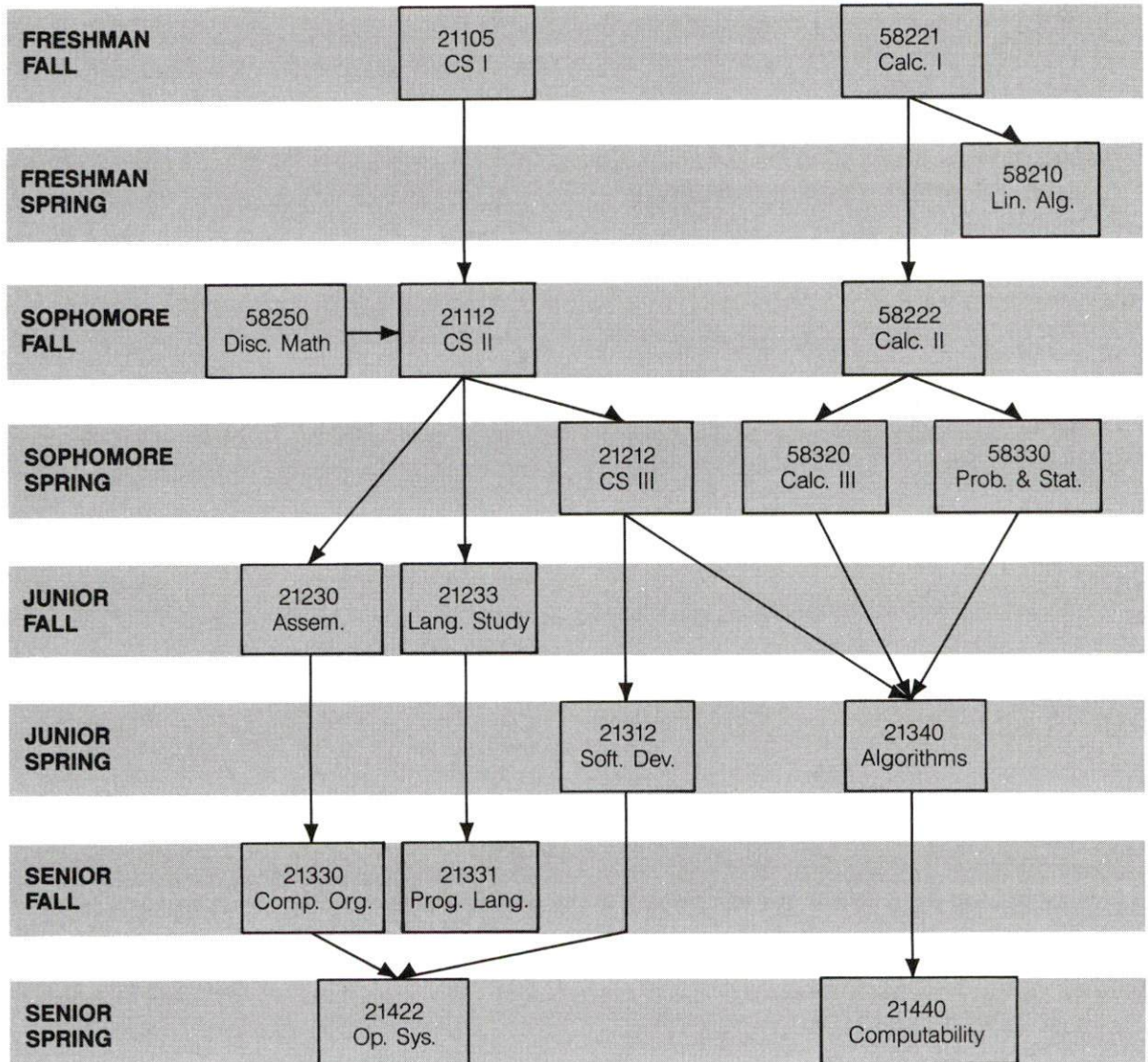
FALL		SPRING	
CMSC 422 Operating Systems	3 cr	CMSC 477 Capping Course	3 cr
CMSC 440 Formal Lang. & Comp.	3 cr	Upper Level CS Elective	3 cr
Upper Level CS Elective	3 cr	Upper Level CS Elective	3 cr
Core/LS OR Elective	3 cr	Elective	3 cr
Elective	3 cr		12 cr
	15 cr		

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



# PROGRAMS OF STUDY

## 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 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 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 Four-Year Program in Criminal Justice—Police Science Concentration

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

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	
	<b>Total Credits in Criminal Justice courses</b>		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
	<b>Total Credit Requirement for a Police Science Concentration</b>		60 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	3-6 cr	
			9-12 cr

REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE



# PROGRAMS OF STUDY

## 3.2 DISTRIBUTION\*

Fine Arts	3 cr	
History	6 cr	
Literature	6 cr	
Mathematics	3 cr	(remaining 3 cr. will be met by related field req.)
Natural Science	6 cr	
Philosophy/Religious Studies	3 cr	
Social Science	6 cr	
		<u>33 cr</u>

## 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.*

## RECOMMENDED PROGRAM SEQUENCE 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
	<u>15 cr</u>

#### 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
	<u>15 cr</u>

### SOPHOMORE YEAR

#### FALL

CRJU 206 Crim. & Sci. Invest.	4 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
	<u>16 cr</u>

#### SPRING

CRJU 223 Juvenile Delinquency	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
	<u>16 cr</u>

### JUNIOR YEAR

#### FALL

CRJU Elective	3 cr
CRJU 303 Crim. Procedure I	3 cr
CRJU 374 Mod. St.: Research	3 cr
Core/LS	3 cr
General Elective	3 cr
	<u>15 cr</u>

#### 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
	<u>16 cr</u>

# PROGRAMS OF STUDY

## SENIOR YEAR

FALL		SPRING	
CRJU 440 Cross Cultural CJ Sys.	3 cr	CRJU 477 Capping Course	3 cr
CRJU 496 Internship	3 cr	CRJU 497 Internship	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	General Elective	3 cr
General Elective	3 cr	General Elective	3 cr
	<u>15 cr</u>		<u>15 cr</u>

## REQUIREMENTS FOR A BACHELOR OF SCIENCE IN CRIMINAL JUSTICE

### Four-Year Program in Criminal Justice—Juvenile Justice Concentration

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

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	6 cr	
	<b>Total Credits in Criminal Justice courses</b>		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	6 cr	
			<u>14 cr</u>
	<b>Total Credit Requirement for a Juvenile Justice Concentration</b>		56 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	Philosophy/Ethics	6 cr	
	Writing	3-6 cr	
			9-12 cr

## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE



# PROGRAMS OF STUDY

## 3.2 DISTRIBUTION\*

Fine Arts	3 cr	
History	6 cr	
Literature	6 cr	
Mathematics	3 cr	(remaining 3 cr. will be met by related field req.)
Natural Science	6 cr	
Philosophy/Religious Studies	3 cr	
Social Science	6 cr	

33 cr

## Total Core/Liberal Studies Requirement

42-45 cr

## 4.0 Electives

19-22 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 PROGRAM SEQUENCE 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
	<u>15 cr</u>

#### 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
	<u>15 cr</u>

### SOPHOMORE YEAR

#### FALL

Social & Behav. Science Elective	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
	<u>15 cr</u>

#### SPRING

CRJU 223 Juvenile Delinquency	3 cr
MATH 130 Intro. to Statistics	3 cr
Core/LS	3 cr
Core/LS	3 cr
CRJU Elective	3 cr
PHYS ED	1 cr
	<u>16 cr</u>

### 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
	<u>15 cr</u>

#### 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
	<u>16 cr</u>

## PROGRAMS OF STUDY

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### SENIOR YEAR

FALL		SPRING	
CRJU 440 Cross Cultural CJ Sys.	3 cr	CRJU 477 Capping Course	3 cr
CRJU 496 Internship	3 cr	CRJU 497 Internship	3 cr
General Elective	3 cr	Core/LS	3 cr
Core/LS	3 cr	General Elective	3 cr
General Elective	3 cr	General Elective	3 cr
	<u>15 cr</u>		<u>15 cr</u>

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### Requirements for a Minor in Criminal Justice

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1.0 CRJU 101, 102, 223, 303, 370

**Total Credit Requirement for the Minor** 15 cr

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### Requirements for a Certificate in Criminal Justice\*

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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** 15 cr

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**Total Credit Requirement for Certificate in Juvenile Justice Concentration** 30 cr

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



## ECONOMICS

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

The major in economics provides both a thorough grounding in macro and micro economics theory, and the application of this theory in various areas, such as monetary, fiscal, labor, and international economics. This

program prepares students for entry level management positions in industry and government, as well as for graduate study in economics or business.

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### REQUIREMENTS FOR A BACHELOR OF ARTS IN ECONOMICS

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

1.0 Course Requirements in Economics		
ECON 101, 102, 301, 302, 477	15 cr	
FIVE additional ECON courses	15 cr	
<b>Credit Requirement in Economics</b>		30 cr
2.0 Course Requirements in Related Fields		
ACC 203, 204	6 cr	
MATH 115, 130, 230	9 cr	
CMSC 103	3 cr	
<b>Credit Requirement in Related Fields</b>		18 cr
<b>Total Credit Requirement for a Major in Economics</b>		48 cr
3.0 Core/Liberal Studies Requirements		
3.1 FOUNDATION		
Philosophy/Ethics	6 cr	
Writing	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 major req.)
		24 cr
<b>Total Core/Liberal Studies Requirement</b>		33-36 cr
4.0 Electives		36-39 cr
<b>Total Credit Requirement for Graduation</b>		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.

# PROGRAMS OF STUDY

## Requirements for a Minor in Economics

### Introductory Level Courses

ECON 101, 102

6 cr

MATH 115, 130

6 cr

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

6 cr

(cannot be used to fulfill two program requirements)

12 cr

### Total Credit Requirement for a Minor in Economics

24 cr

## 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 Interim. Algebra or

Elective

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 203 Financial Acct.

Economics Elective

Core/LS

Elective

Elective

#### SPRING

ACC 204 Managerial Acct.

Economics Elective

Economics Elective

Core/LS

Elective

### SENIOR YEAR

#### FALL

Economics Elective

Economics Elective

Core/LS

Elective

Elective

#### SPRING

ECON 477 Contemporary Issues

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.

New York State plans some changes in its certification standards which may include additional requirements for students graduating after August 1993.

## 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 24 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, particularly in view of the future changes in New York State certification requirements. 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 spring of sophomore year.

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 on the following page 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.

## PROGRAMS OF STUDY

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### FRESHMAN YEAR

#### FALL

Introduction to Psychology

#### SPRING

Fieldwork in Education

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### SOPHOMORE YEAR

#### FALL

Psychology of Exceptional Child  
Psychology of Child Development

#### SPRING

Educational Psychology

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### JUNIOR YEAR

#### FALL

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

#### SPRING

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

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### SENIOR YEAR

#### FALL

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

#### SPRING

Psychological Disorders of Childhood  
Philosophy of Education

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## 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

JEPHTHA H. LANNING, Ph.D., *Divisional Chairperson*

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

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 that of English and American literature.

### REQUIREMENTS FOR A BACHELOR OF ARTS IN ENGLISH Concentration in Literature

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

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 are 9 upper-level courses (300- or 400-level), selected as follows:	
2 courses from Literature Group #1*	6 cr
2 courses from Literature Group #2	6 cr
2 courses from Literature Group #3	6 cr
3 courses from any Literature Group (or up to 2 of the 3 may be upper-level writing courses)	9 cr
Total upper-level courses: 10	

#### Total Credit Requirement for the Concentration in Literature

42 cr

Note: (a) A student may substitute a maximum of one 3-credit course in Independent Research for a required upper-level course.

(b) A student may apply a maximum of one literature in translation course (Literature Group #4) toward an English major.

2.0 Course Requirements in Related Fields: None

3.0 Core/Liberal Studies Requirements

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

3.1 FOUNDATION		
Philosophy/Ethics	6 cr	
Writing	3-6 cr	
		9-12 cr
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	
		30 cr
<b>Total Core/Liberal Studies Requirement</b>		39-42 cr
4.0 Electives		33-36 cr
<b>Total Credit Requirements for Graduation</b>		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.		

\*See p. 36 for course listing by Group.

\*\*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 Curriculum description of the foreign language option in the catalog.

### CONCENTRATION IN WRITING

The aim of 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 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

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

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	
1.2 Capping Course ENG 477	3 cr	
		15 cr

**REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE**



# PROGRAMS OF STUDY

1.3 Course Requirements in Sophomore, Junior and Senior year are:	
(a) 5 upper-level (300 or 400 level), writing courses	15 cr
(b) 4 upper-level literature courses, selected as follows:	
2 courses from Literature Group #1	6 cr
1 course from Literature Group #2	3 cr
1 course from Literature Group #3	3 cr
Total upper-level courses: 10	
	27 cr

*A student may substitute a maximum of one 3-credit course in Independent Research for required upper-level courses.*

- 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** 42-45 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	6 cr
Writing	3-6 cr
	9-12 cr

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
	30 cr

**Total Core/Liberal Studies Requirement** 39-42 cr

4.0 Electives	33-36 cr
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**Total Credit Requirement for Graduation** 120 cr

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

## LITERATURE COURSE GROUPINGS\*

### Literature Group #1 (courses through the 17th century; theory courses)

- ENG 224  
Renaissance Literature
- ENG 301-302  
History of the English Language I-II
- ENG 303  
History of Literary Criticism I
- ENG 304  
History of Literary Criticism II
- ENG 307  
Introduction to Linguistics
- ENG 320  
The Rise and Development of the English Drama I
- ENG 324  
Chaucer
- ENG 325  
Shakespeare
- ENG 329  
Seventeenth Century Literature
- ENG 330  
Medieval Literature
- ENG 360  
The Ancient World and Its Traditions:  
Greek and Hebraic
- ENG 361  
The Ancient World and Its Traditions:  
Rome, the Origins of Christianity and  
the Early Medieval Period
- ENG 371  
The Hebrew Bible as Literary Classic

*(Note: Any appropriate Special Topics or Seminar course may be used to fulfill a Group #1 requirement.)*

### Literature Group #2 (18th and 19th centuries)

- ENG 319  
The Rise of the American Novel
- ENG 323  
The Rise of the English Novel
- ENG 332-333  
The Age of Satire and the Age of Sensibility
- ENG 334  
The English Romantics
- ENG 335  
The Great Victorians

*(Note: Any appropriate Special Topics or Seminar course may be used to fulfill a Group #2 requirement.)*

Special Topics and Seminar courses, will be assigned to an appropriate Group by the English faculty when they are offered.

### Literature Group #3 (20th century)

- ENG 321  
The Rise and Development of the English Drama II
- ENG 326  
The Modern English Novel
- ENG 328  
Modern English and American Poetry
- ENG 340  
American Drama 1915-1945
- ENG 341  
American Drama 1945-Present
- ENG 342  
Contemporary English and American Poetry
- ENG 344  
The Contemporary American Novel
- ENG 345  
Modern Irish Literature
- ENG 370  
The Jewish Literary Genius in the Modern Period
- ENG 373  
Literature of the Holocaust

*(Note: Any appropriate Special Topics or Seminar course may be used to fulfill a Group #3 requirement.)*

### Literature Group #4 (miscellaneous)

Literature in Translation courses: Major Russian Writers I, II, Dostoevsky, Tolstoy, Contemporary French Literature, Latin American Literature, Spanish Literature: the Novel, Special Topics or Seminar courses not falling into Groups #1, #2, or #3

Special Topics and seminar courses will be assigned to an appropriate group by the English faculty when they are offered.

### Upper-Level Writing Courses (May be counted toward English major)

- ENG 310  
Workshop in Playwriting
- ENG 311  
Workshop in Poetry
- ENG 312  
Workshop in Technical and Professional Writing
- ENG 382  
Workshop in Non-fiction
- COMM 322  
Journalism
- COMM 327  
Writing for Radio and TV
- COMM 426  
Advanced Journalism



## PROGRAMS OF STUDY

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### REQUIREMENTS FOR SECONDARY TEACHING CERTIFICATION FOR ENGLISH MAJORS

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1.0	Completion of requirements for Bachelor of Arts in English. Concentration in literature is preferred, and students should select courses to ensure distribution 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.	42 cr
2.0	EDUC 210 Participation/Observation in Secondary Schools	3 cr
	EDUC 428 Methods of Teaching English in Secondary Schools	3 cr
	PSYC 208 Educational Psychology	3 cr
	PHIL 233 Philosophy of Education	3 cr
	EDUC 415 Student Teaching in the Secondary Schools	12 cr
3.0	COMM 206 Interpersonal Communication	
	or	
	COMM 207 Mass Communication	3 cr
	COMM 201 Oral Interpretation	
	or	
	COMM 205 Persuasion	
	or	
	COMM 230 Art of Film	3 cr
<b>Total credit requirement in Communication for teaching certificate in English</b>		<b>84 cr</b>

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### REQUIREMENTS FOR A MINOR IN ENGLISH

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Lower-level requirements:		
	ENG 212, 213	6 cr
	ENG 210	3 cr
<b>Total lower-level requirements</b>		<b>9 cr</b>
Upper-level requirements:		
Four upper-level literature courses, distributed as follows:		
	1 course from Literature Group #1*	3 cr
	1 course from Literature Group #2	3 cr
	1 course from Literature Group #3	3 cr
	1 course from any Literature Group	3 cr
<b>Total upper-level requirements</b>		<b>12 cr</b>
<b>Total English requirements for the minor</b>		<b>21cr</b>

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Note: (a) A student may apply a maximum of 1 literature in translation course (Literature Group #4) toward a minor in English.  
(b) A student may substitute 2 writing courses at the 300-level or above (6 cr total) for 2 of the upper-level literature courses.

## PROGRAMS OF STUDY

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### RECOMMENDED PROGRAM SEQUENCE FOR ENGLISH MAJOR

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#### FRESHMAN YEAR

##### FALL

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

##### SPRING

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

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#### SOPHOMORE YEAR

##### FALL

ENG 210 Amer Lit I  
Upper Level English Course  
Core/LS  
Core/LS  
Elective

##### SPRING

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

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#### JUNIOR YEAR

##### FALL

Upper Level English Course  
Upper Level English Course  
Core/LS  
Elective  
Elective

##### SPRING

Upper Level English Course  
Upper Level English Course  
Core/LS  
Elective  
Elective

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#### SENIOR YEAR

##### FALL

ENG 477 Capping Course  
Upper Level English Course  
Upper Level English Course  
Elective  
Elective

##### SPRING

Upper Level English Course  
Upper Level English Course  
Elective  
Elective  
Elective

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### ENVIRONMENTAL SCIENCE

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GEORGE B. HOOPER, Ph.D., *Divisional Chairperson*  
BRIAN H. HILL, Ph.D., *Program Director*

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 science, public policy, economics and mathematics. Upon graduation, students may enter the job market as environmentalists or go on for additional training at graduate or professional schools. Students will be required to gain additional professional experience as either on-the-job training, through a 6-credit field intern program, or through a faculty directed senior research project.



# PROGRAMS OF STUDY

## 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, 205, 310-311, 313, 404	21 cr
Additional Environmental Science courses selected from the following:	
ENSC 202, 305, 401, 402	6 cr
ENSC 477 Capping Course	3 cr

<b>Requirement in Environmental Science</b>	<b>30 cr</b>
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### 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	6 cr

<b>Credit Requirement in Related Fields</b>	<b>47 cr</b>
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<b>Total Credit Requirement for a Major in Environmental Science</b>	<b>77 cr</b>
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### 3.0 Core/Liberal Studies Requirements

#### 3.1 FOUNDATION

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

#### 3.2 DISTRIBUTION\*

Fine Arts	3 cr
History	6 cr
Literature	6 cr
Mathematics	3 cr
Social Science	3 cr
Philosophy/Religious Studies	3 cr
	<b>24 cr</b>

<b>Total Core/Liberal Studies Requirement</b>	<b>33-36 cr</b>
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<b>4.0 Electives</b>	<b>7-10 cr</b>
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<b>Total Credit Requirement for Graduation</b>	<b>120 cr</b>
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\*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 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	3 cr

24 cr

### Upper Level Courses

BIO 211, 330	7 cr
ENSC 205, 310-311	8 cr

15 cr

### Total Credit Requirement for a Minor in Environmental Science

39 cr

## RECOMMENDED PROGRAM SEQUENCE FOR AN ENVIRONMENTAL SCIENCE MAJOR\*

### FRESHMAN YEAR

FALL		SPRING	
BIO 110 General Bio I	3 cr	BIO 111 General Bio II	3 cr
BIO 112 Gen Bio Lab I	1 cr	BIO 113 Gen Bio Lab II	1 cr
CHEM 111 General Chem I	3 cr	CHEM 112 General Chem II	3 cr
CHEM 113 Gen Chem Lab I	2 cr	CHEM 114 Gen Chem Lab II	2 cr
Core/LS Writing	3 cr	ENSC 101 Intro Environmental Issues	3 cr
Core/LS PHIL 101	3 cr	Core/LS PHIL 102	3 cr
	15 cr		15 cr

### SOPHOMORE YEAR

FALL		SPRING	
ENSC 201 Population Wld. Resources	3 cr	ENSC 205 Prin. Environ. Assess	3 cr
BIO 211 Botany	4 cr	CMSC 103 Intro to Computer Sys	3 cr
MATH 130 Intro. Statistics	3 cr	Core/LS	6 cr
Core/LS	6 cr	Core/LS Writing or Elective	3 cr
	16 cr		15 cr

### JUNIOR YEAR

FALL		SPRING	
ENSC 310 Environmental Chem	3 cr	ENSC 311 Instru. Envir. Chem Lab	2 cr
CHEM 121 Short Course Org. Chem	3 cr	ECON 102 Prin. of Microeconomics	3 cr
BIO 312 Microbiology	4 cr	ENSC 313 Env Microbiology	4 cr
BIO 330 Ecology	3 cr	Core/LS	6 cr
Core/LS	3 cr		15 cr
	16 cr		

### SENIOR YEAR

FALL		SPRING	
ENSC 404 Environ. Toxicology	4 cr	SCI 398 Nat Sci Field Intern	6 cr
Electives	8 cr	ENSC 305 Env Law	3 cr
Core/LS	3 cr	ENSC 477 Sci., Med. & Ethics	3 cr
	15 cr	Elective	3 cr
			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

JEPHTHA H. LANNING, Ph.D., *Divisional Chairperson*  
CARMINE PORCELLI, *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	52 cr
ART 160, 365, 360 or 366 (Art Hist. LA.'s)	3 cr

**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)	9 cr
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**Credit Requirement in Related Fields**

9 cr

**Total Credit Requirement for a Major in  
Fashion Design and Merchandising**

64 cr

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

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### 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

6 cr

Social Science

6 cr

History

6 cr

Literature

6 cr

Mathematics

6 cr

Fine Arts

0 cr

(fulfilled by major field req.)

Philosophy/Religious Studies

3 cr

33 cr

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### **Total Core/Liberal Studies Requirement**

42-45 cr

#### 4.0 Electives

11-14 cr

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### **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.*



# PROGRAMS OF STUDY

## RECOMMENDED PROGRAM SEQUENCE FOR FASHION DESIGN AND MERCHANDISING MAJOR

### FRESHMAN YEAR

#### FALL

Fashion Design	3 cr
Fashion Drawing and Color	3 cr
Core/LS Writing	3 cr
Core/LS PHIL 101	3 cr
Fundamentals of Art and Design	3 cr
	<u>15 cr</u>

#### SPRING

Fashion Design II or	
Working Sketch and Illustration	3 cr
Textiles	cr
Art History	3 cr
Core/LS PHIL 102 (Ethics)	3 cr
Core/LS Writing or Elective	3 cr
	<u>15 cr</u>

### 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
	<u>16 cr</u>

#### 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
	<u>14 cr</u>

### 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
	<u>15 cr</u>

#### SPRING

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

### SENIOR YEAR

#### FALL

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

#### SPRING

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

\*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

JEPHTHA H. LANNING, Ph.D., *Divisional Chairperson*

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 minimum 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		
		24 cr	
1.1 Concentrations			
Studio			
9 credits in selected sequence of painting, drawing, or photography	9 cr		
12 additional studio credits	12 cr		
		21 cr	
			45 cr
<b>OR</b>			
Non-Studio			
12 credit sequence in Art History or Music	12 cr		
9 credits in the alternate discipline	9 cr		
		21 cr	
			45 cr
2.0 Course Requirements in Related Fields: None			
3.0 Core/Liberal Studies Requirements			
3.1 FOUNDATION			
Philosophy/Ethics	6 cr		
Writing	3-6 cr		
		9-12 cr	

REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE



## PROGRAMS OF STUDY

### 3.2 DISTRIBUTION\*

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

\*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

JEPHTHA H. LANNING, 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 understand-

ing 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, 225-226 or 312-313 or 410-411	12 cr
FREN 477 Capping Course	3 cr

### Credit Requirement in French

36 cr

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

## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

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2.0 Course Requirements in Related Fields: None

**Total Credit Requirement for a Major in French**

36 cr

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

3-6 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

3 cr

21-27 cr

**Total Core/LS Studies Requirement**

30-39 cr

4.0 Electives

45-54 cr

**Total Credit Requirement for Graduation**

120 cr

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### REQUIREMENTS FOR A MINOR IN FRENCH LANGUAGE STUDIES

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French language: THREE of the following:

201, 202, 225-226, 312, 313, 329, 330, 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)

3 cr

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**

18cr



## HISTORY

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

The History Major systematically exposes students to three principal culture areas: the United States, Europe, and the non-Western world. Within that framework, students have ample opportunities to pursue, in consultation with their advisors, specialized interests as career, life or further educational goals may require. While the major does not necessitate study of a modern foreign language, that is strongly recommended for students whose high school backgrounds permit and goals suggest that capacity.

A study of history provides students with a wide variety of skills both for living and for work. A comprehension of the past and the dynamics of change illuminate the present and enable students not only to exercise responsible citizenship but to enjoy autonomy in an increasingly complex world. Too, a study and understanding of history, as with other of the liberal arts, instills or enhances

a capacity for analysis and synthesis, and these transferable skills have applicability to a wide range of careers. So too does history open the door to graduate studies or professional schools, law school not the least among them. Too, the history curriculum makes a particular effort to advance a central mission of Marist College, to enhance our students' awareness of enduring value-related issues.

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 to base their planning on an accurate understanding of the past. This 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 Origins of Modern Times	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
Three courses from HIST 268, 269, 273 or 274	9 cr
	<b>30 cr</b>

History Electives	6 cr
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**Credit Requirement in History** 36 cr

#### 2.0 Course Requirements in Related Fields

Literature	
English or World Literature	6 cr
American Literature	6 cr

**Credit Requirement in Related Fields** 12 cr

**Total Credit Requirement for a Major in History** 48 cr

#### 3.0 Core/Liberal Studies Requirements

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

3.1 FOUNDATION		
Philosophy/Ethics	6 cr	
Writing	3-6 cr	
		9-12 cr
3.2 DISTRIBUTION*		
Fine Arts	3 cr	
Mathematics	6 cr	
Natural Science	6 cr	
Philosophy/Religious Studies	3 cr	
Social Science	6 cr	
		24 cr
<b>Total Core/Liberal Studies Requirement</b>		33-36 cr
4.0 Electives		36-39 cr
<b>Total Credit Requirement for Graduation</b>		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 goals. Choices should be made in consultation with a faculty advisor.

### RECOMMENDED PROGRAM SEQUENCE FOR HISTORY MAJORS

#### FRESHMAN YEAR

##### FALL

Core/LS PHIL 101  
Core/LS Writing  
HIST 135 Origins of Modern Times  
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

#### 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



## PROGRAMS OF STUDY

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### SENIOR YEAR

#### FALL

HIST 477 Capping Course  
Elective  
Elective  
Elective  
Elective

#### SPRING

Elective  
Elective  
Elective  
Elective  
Elective

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### RECOMMENDED PRE-LAW SEQUENCE FOR HISTORY MAJORS

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#### FRESHMAN YEAR

##### FALL

Core/LS PHIL 101  
Core/LS Writing  
Core/LS Math  
HIST 135 Origins of Modern Times  
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

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#### 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

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#### 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

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#### 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

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Pre-Law Advisory Committee:

J.G. White, Fontaine 304, Ext. 403

L.C. Zuccarello, Fontaine 307, Ext. 214

## PROGRAMS OF STUDY

### TEACHING-SECONDARY LEVEL

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

### COMMUNICATION

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

### MANAGEMENT

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

### FOREIGN SERVICE

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

### GRADUATE SCHOOL

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

### 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

### 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	6-12 cr
<b>Total Requirement for a Concentration in Public History</b>	<b>18-24 cr</b>
2.0 Recommended Courses:	
POSC 283	3 cr
CMSC 103	3 cr

## INTEGRATIVE MAJOR

ELEANOR CHARWAT, *Executive Director,  
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.
- 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

- |   |              |
|---|--------------|
| <p>1.0 Integrative Major</p> <p>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.</p> | <p>45 cr</p> |
|---|--------------|

## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

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### 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.

### 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	3 cr

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.)

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### Total Credit Requirement for Graduation

120 cr

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### 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 a 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 approval. An Adult Education or faculty 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	12 cr

<b>Total Credit Requirement for a Minor in Jewish Studies</b>	<b>18 cr</b>
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## 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.

### 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	15 cr

<b>Credit Requirement in Latin American Studies</b>	<b>30 cr</b>
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### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

- 2.0 Course Requirements in Related Fields  
TWO courses approved by the Coordinator of  
Latin American Studies

6 cr

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**Credit Requirement in Related Fields**

6 cr

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**Total Credit Requirement in Latin American Studies**

36 cr

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## MATHEMATICS

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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 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.

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### REQUIREMENTS FOR A BACHELOR OF ARTS IN MATHEMATICS

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

- |  |       |
|--|-------|
| 1.0 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.

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**Credit Requirements in Mathematics**

49 cr

- 2.0 Course Requirements in Related Fields

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### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

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# PROGRAMS OF STUDY

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## 2.1 Applied Track: None

## 2.2 Secondary Education Track:

PSYC 101, 208	6 cr
PHIL 233	3 cr
EDUC 210, 424, 415	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	6 cr	
Writing	3-6 cr	
Natural Science*	6 cr	
Social Science	6 cr	
History*	6 cr	
Literature	6 cr	
Mathematics	0 cr	(satisfied by major field)
Fine Arts	3 cr	
Philosophy/Religious Studies	3 cr	
	<b>39-42 cr</b>	

### 3.2 Secondary Education Track:

PHIL 101, 102	6 cr	
Writing	3-6 cr	
Natural Science*	6 cr	
Social Science	0 cr	(satisfied by PSYC 101, 208)
History*	6 cr	
Literature	6 cr	
Mathematics	0 cr	(satisfied by major field)
Fine Arts	3 cr	
Philosophy/Religious Studies	0 cr	(satisfied by PHIL 233)
	<b>30-33 cr</b>	

## 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 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.

# PROGRAMS OF STUDY

## REQUIREMENTS FOR A MINOR IN MATHEMATICS

MATH 205, 210, 221, 222, 320, 322	18 cr
MATH 410 or 420	<u>3 cr</u>

<b>Total Credit Requirement for a Minor in Mathematics</b>	21 cr
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## RECOMMENDED PROGRAM SEQUENCE FOR A MATHEMATICS MAJOR

### Applied and Pure Tracks:

#### FRESHMAN YEAR

FALL		SPRING	
MATH 221 Calculus I	3 cr	MATH 222 Calculus II	3 cr
CMSC 105 Computer Sci I	4 cr	MATH 205 Fund. Concepts	3 cr
Core/LS PHIL 101	3 cr	Core/LS PHIL 102	3 cr
Core/LS Writing	3 cr	Core/LS Writing or Elective	3 cr
Core/LS	<u>3 cr</u>	Core/LS	<u>3 cr</u>
	16 cr		15 cr

#### SOPHOMORE YEAR

FALL		SPRING	
MATH 320 Calculus III	3 cr	MATH 322 Calculus IV	3 cr
MATH 210 Linear Algebra	3 cr	MATH 330 Prob. & Stat	3 cr
Core/LS	6 cr	Core/LS	6 cr
Elective	<u>3 cr</u>	Elective	<u>3 cr</u>
	15 cr		15 cr

#### JUNIOR YEAR

FALL		SPRING	
MATH 410 Abstract Alg.	3 cr	MATH 420 Math Analysis I	3 cr
MATH Elective	3 cr	MATH Elective	3 cr
Core/LS	3 cr	Core/LS	3 cr
Electives	<u>6 cr</u>	Electives	<u>6 cr</u>
	15 cr		15 cr

#### SENIOR YEAR

FALL		SPRING	
MATH Electives	6 cr	MATH 477 Capping Course	3 cr
Core/LS	3 cr	MATH Elective	3 cr
Electives	<u>5 cr</u>	Core/LS	3 cr
	14 cr	Electives	<u>6 cr</u>
			15 cr



## PROGRAMS OF STUDY

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### Secondary Education Track:

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#### 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
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

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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 labora-

## PROGRAMS OF STUDY

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tory personnel and can establish challenging careers in laboratory administration, specialized research, technical development and marketing, or in medical technology education.

The Medical Technology Program at Marist College meets the essentials of the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and is accredited by the Committee on Allied Health Education and Accreditation (CAHEA) of the American Medical Association. The program 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; MDS Hudson Valley Laboratories, 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.

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### REQUIREMENTS FOR A BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

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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
<i>*Students opting to take CHEM 211 must complete CHEM 212 in Section 1.4 below. CHEM 351 or 352 or 420 is then waived.</i>		
1.2 Course Requirements in Math and Computer Science		
MATH 130		
CMSC 103		6 cr
1.3 Course Requirements in Medical Technology		
MEDT 260, 301, 305, 315, 340, 345, 401, 405, 410, 440, 445	35 cr	
MEDT 477 Capping Course	3 cr	
		38 cr

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### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

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## PROGRAMS OF STUDY

### 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 211, 212, 213, 214

6 cr

### Total Credit Requirement for a Major in Medical Technology

85-86 cr

### 2.0 Core/Liberal Requirements

#### 2.1 FOUNDATION

Philosophy/Ethics

6 cr

Writing

3-6 cr

9-12 cr

#### 2.2 DISTRIBUTION\*

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

121-124 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 YEAR

#### 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

15 cr

#### 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

CMSC 103 Intro to Comp. Sys

3 cr

15 cr

### SOPHOMORE YEAR

#### FALL

MEDT 250 Techniques in Med. Tech.

4 cr

CHEM 121 Short course in Org. Chem.

3 cr

Science Elective

4 cr

Core/LS Social Science

3 cr

Core/LS Mathematics

3 cr

16 cr

#### SPRING

MATH 130 Intro to Statistics

3 cr

Science Elective

3 cr

Core/LS History

3 cr

Core/LS Social Science

3 cr

Core/LS Fine Arts

3 cr

15 cr

## PROGRAMS OF STUDY

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### JUNIOR

#### FALL

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

#### 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
	<hr/> 16 cr

### SENIOR YEAR

#### SUMMER/FALL

MEDT 401** Clinical Microbiology II	4 cr
MEDT 405** Clinical Chemistry II	4 cr
MEDT 410** Hematology II	3 cr
MEDT 440** Clinical Immunology/ Immunohematology II	3 cr
MEDT 445** Clinical Microscopy II	1 cr
	<hr/> 15 cr

#### SPRING

BIO 421 Parasitology	4 cr
MEDT 477 Capping Course	3 cr
Core/LS Phil/Religious Studies	3 cr
Core/LS History	3 cr
Core/LS Literature	3 cr
	<hr/> 16 cr

\*For incoming 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.

\*\*Hospital-Based Course

### MUSIC

JEPHTHA LANNING, Ph.D., *Divisional Chairperson*  
DOROTHYANN DAVIS, M.A., *Program Director*

### 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. The program encourages a generalist orientation among its students, while stressing specific competency in paralegal studies by combining the required paralegal courses with general education courses.

In order to receive the Paralegal Certificate, undergraduates accepted into the Paralegal Program are re-

quired 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) and 36 additional credit hours. This program enjoys the approval of the American Bar Association.

## 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	6 cr
<b>Total Paralegal Course Credits</b>	<b>24 cr</b>
Additional course credits	36 cr
(Non-degree holders admitted to the program)	
<b>Total Credit Requirement for Paralegal Certificate for Non-Degree Holders</b>	<b>60 cr</b>
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.	

## 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 Additional Philosophy Courses	6 cr

**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.



## PROGRAMS OF STUDY

### REQUIREMENTS FOR A BACHELOR OF ARTS IN POLITICAL SCIENCE

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

POSC 101	3 cr
POSC 110	3 cr
One from POSC 232, 233, 243	3 cr
POSC 205 or 273	3 cr
One from POSC 251, 252, 350, 353, 355	3 cr
POSC 477	3 cr
ECON 101	3 cr
Additional credits in POSC (no more than 6 cr. in POSC internships)	15 cr

#### Total Credit Requirement

36 cr

#### 3.0 Core/Liberal Studies Requirements

##### 3.1 FOUNDATION

Philosophy/Ethics	6 cr
Writing	3-6 cr

9-12 cr

##### 3.2 DISTRIBUTION\*

Fine Arts	3 cr
History	6 cr
Literature	6 cr
Mathematics	6 cr
Natural Science	6 cr
Philosophy/Religious Studies	3 cr
Social Science	0

(fulfilled by major field req.)

30 cr

#### Total Core/Liberal Studies Requirement

39-42 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.

## PROGRAMS OF STUDY

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### 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

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### REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE

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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	9 cr

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**Total Credit Requirement for a Minor in Political Science****21 cr**

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



## PROGRAMS OF STUDY

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### OPTIONS FOR POLITICAL SCIENCE MAJORS

Marist Abroad Program—contact Director  
Paralegal Certificate Program—see page 101  
Participation in Marist Institute for Public Opinion—see page 12  
Participation in Washington Semester Program or Albany

Legislative Internship—see Political Science Intern Coordinator  
Public Administration Concentration—see page 113  
Teacher Education Program—see page 71

### RECOMMENDED PROGRAM SEQUENCE FOR POLITICAL SCIENCE PROGRAM

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#### 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

# PROGRAMS OF STUDY

## RECOMMENDED PRE-LAW SEQUENCE FOR POLITICAL SCIENCE MAJORS

### FRESHMAN YEAR

#### FALL

Core/LS PHIL 101  
Core/LS Writing  
POSC 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 Language

### 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

1. Political Science	30*
2. Required Related Fields	
1 Communications	3
2 History	6**
	<hr/>
	39 cr

\*Fulfills Soc Sci (6)

\*\*Fulfills History (6)

### OTHER RECOMMENDED

CMSC	3
Bus./Acct.	6
Internship	6
ECON 101-102	6
	<hr/>
	21 cr

### CORE/LIBERAL STUDIES

Phil/Ethics	6
Math	6
Science	6
Literature	6
Fine Arts	3
Phil/Rest	3
Writing	3-6
	<hr/>
	33-36 cr

### PURE ELECTIVE

24-27

These should be selected after conferring with a Faculty Advisor

*Intermediate foreign language courses, which may be substituted for the second course in some Core/Liberal Studies, are recommended for students in this major.*



## 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 psychological principles. The range of application varies from experience in a psychological research course, where students actually conduct research, 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. Students will receive their B.A. when they accumulate 120 credits although they will participate in the graduation ceremonies of their senior year class.
3. Students will receive graduate credit for graduate courses taken on the undergraduate level only at the time they have 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. Students are advised that in New York State a master's degree in Psychology does not qualify graduates for professional licensure as a psychologist; nor do master's level internships earn credit toward licensure. Please consult with the director of the graduate program about licensure procedures in New York State.

### 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.

## PROGRAMS OF STUDY

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### REQUIREMENTS FOR A BACHELOR OF ARTS IN PSYCHOLOGY

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

1.0	Course Requirements in Psychology		
	PSYC 101, 275-276, 401, 402-403, 404	25 cr	
	PSYC 477 Capping Course	4 cr	
			29 cr
1.1	THREE additional PSYC Courses selected from among all other psychology courses offered.**	9 cr	
1.2	PSYC 480-481 (Internship)	12 cr	
			21 cr
2.0	Course Requirements in Related Fields: None		
	<b>Total Credit Requirement for a Major in Psychology</b>		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	3-6 cr	
			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	3 cr	
			30 cr
	<b>Total Core/Liberal Studies Requirement</b>		39-42 cr
4.0	Electives		28-31 cr
	<b>Total Credit Requirement for Graduation</b>		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.



# PROGRAMS OF STUDY

## RECOMMENDED PROGRAM SEQUENCE FOR PSYCHOLOGY MAJORS

### FRESHMAN YEAR

FALL		SPRING	
PSYC 101 Intro. Psychology	3 cr	Core/LS PHIL 102	3 cr
Core/LS PHIL 101	3 cr	Core/LS	3 cr
*Core/LS	3 cr	Core/LS Writing or Elective	3 cr
**Core/LS Writing	3 cr	****Psych Elective	3 cr
***General Elective	3 cr	General or Psych Elective	3 cr
	<u>15 cr</u>		<u>15 cr</u>

### SOPHOMORE YEAR

FALL		SPRING	
PSYC 275 Stat & Comp. Use for Behavioral Sci I	3 cr	PSYC 401 Princ. of Psych Testing OR	
*Core/LS	3 cr	PSYC 404 Physio. Psych	4 cr
*Core/LS	3 cr	*Core/LS	3 cr
***General or Psych Elective	3 cr	*Core/LS	3 cr
***General or Psych Elective	3 cr	***General or Psych Elective	3 cr
	<u>15 cr</u>	PSYC 276 Stat & Computer Use for Behav. Sci II	3 cr
			<u>16 cr</u>

### JUNIOR YEAR

FALL		SPRING	
PSYC 402 Psych Research Methodology & Lab I	4 cr	PSYC 403 Psych Research Methodology & Lab II	4 cr
*Core/LS	3 cr	PSYC 401 Princ. of Psych Testing OR	
*Core/LS	3 cr	PSYC 404 Physio. Psych	4 cr
***General or Psych Elective	3 cr	*Core/LS	3 cr
***General or Psych Elective	3 cr	***General or Psych Elective	3 cr
	<u>16 cr</u>	General Elective	1 cr
			<u>15 cr</u>

### SENIOR YEAR

FALL		SPRING	
PSYC 477 Capping Course	4 cr	*****PSYC 480-481 Internship I-II	12 cr
***General or Psych Elective	3 cr		12 cr
***General or Psych Elective	3 cr		
***General or Psych Elective	3 cr		
***General or Psych Elective	3 cr		
	<u>16 cr</u>		

\*A psychology major must take 10 Core/LS Distribution courses independent from Core/LS requirements included in the major area and related areas 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.

# PROGRAMS OF STUDY

## REQUIREMENTS FOR A MINOR IN PSYCHOLOGY

PSYC 101	3 cr
Any THREE additional PSYC courses	9-12 cr
<b>Total Credit Requirement for a Minor in Psychology</b>	<b>12-15 cr</b>

## 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	4 cr
2.0 Course Requirements in Related Fields: None	
<b>Total Undergraduate Psychology Credits</b>	<b>50 cr</b>
3.0 Core/Liberal Studies (see requirements for B.A. in Psychology) Foundation Writing Distribution	6 cr 3-6 cr 30 cr
	39-42 cr
4.0 General Electives	12-15 cr
5.0 Graduate Courses taken at Undergraduate Level 77520, 77611, 77612, 77613, 77614	15 cr
<b>Total Graduate Psychology Credits taken as Undergraduate</b>	<b>15 cr</b>
<b>Total Four-Year Credit Requirement</b>	<b>119 cr</b>
6.0 Fifth Year Graduate Courses 77605, 77606, 77607, 77701, 77702, 77703	21 cr
6.1 Comm. PSYC Elective or one General Elective	3 cr
<b>Total Graduate Credits, Fifth Year</b>	<b>24 cr</b>
<b>Total Credits for Completing Five-Year B.A.-M.A. Program</b>	<b>143 cr</b>



## PROGRAMS OF STUDY

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### REQUIREMENTS FOR PSYCHOLOGY MAJORS PURSUING SPECIAL EDUCATION CERTIFICATION

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\*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 PSYC 477 Capping Course	38 cr 3 cr	
1.1	ONE elective PSYC course	3 cr	
	<b>Credit Requirement in Psychology</b>		44 cr
2.0	Course Requirements in Related Fields EDUCATION SEQUENCE (see the Education section of the catalog for specific courses).		33 cr
	<b>Total Credit Requirement for Psychology Majors/ Special Education Certification</b>		77 cr
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 History Literature Mathematics Fine Arts Philosophy/Religious Studies (PHIL 233 Philosophy of Education will satisfy this requirement.)	6 cr 6 cr 6 cr 6 cr 3 cr 3 cr	30 cr
	<b>Total Core/Liberal Studies Requirement</b>		39-42 cr
4.0	Liberal Arts Electives		4-7 cr
	<b>Total Credit Requirement for Graduation</b>		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.

# PROGRAMS OF STUDY

## RECOMMENDED PROGRAM SEQUENCE 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 Elective	3 cr
Core/LS PHIL 102	3 cr
Core/LS Writing or Elective	3 cr
Core/LS	3 cr
Core/LS	3 cr
	<u>15 cr</u>

### 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 317 Psych of Child Development	3 cr
	<u>15 cr</u>

#### 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	3 cr
	<u>16 cr</u>

### JUNIOR YEAR

#### FALL

PSYC 231 Prac. in Pre-School Child Dev.	3 cr
Liberal Arts Elective	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
	<u>16 cr</u>

#### 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
PSYC 371 Psych Disorders of Childhood	3-4 cr
	<u>18-19 cr</u>

### SENIOR YEAR

#### FALL

EDUC 462 Student Teaching	12 cr
EDUC 360 Workshop in Curric Devel	3 cr
	<u>15 cr</u>

#### SPRING

EDUC 365 Literature for Children	3 cr
PHIL 233 Phil. of Ed	3 cr
Core/LS	3 cr
PSYC 477	4 cr
Liberal Arts Elective	3 cr
	<u>15-16 cr</u>

## **PUBLIC ADMINISTRATION**

RICHARD ATKINS, Ph.D., *Divisional Chairperson*  
(Concentration)

JOHN C. KELLY, Ph.D., *Divisional Chairperson* (MPA)

DONALD J. CALISTA, Ed.Id., M.P.A., *Director of*  
*M.P.A. Program*

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
	<hr/> 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	3 cr
	<hr/> 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	6 cr
FOUR other REST courses	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

JEPHTHA H. LANNING, 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 of 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	3 cr

### Credit Requirement in Russian

15 cr

### 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
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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. 15 cr

### Credit Requirement in Related Fields

18 cr

## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

### 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

NEW PALTZ:

RUSS 366, 465, 466, 476

Courses other than language which are related to the major	3-6 cr
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### **Total Credit Requirement for a Major in Russian**

36-39 cr

### 3.0 Core/Liberal Studies Requirements

#### 3.1 FOUNDATION

Philosophy/Ethics	6 cr
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Writing	3-6 cr
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9-12 cr

#### 3.2 DISTRIBUTION

Natural Science	3-6 cr
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Social Sciences	6 cr
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History	0 cr	(fulfilled by related field req.)
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Literature	0 cr	(fulfilled by related field req.)
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Mathematics	3-6 cr
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Fine Arts	3 cr
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Philosophy/Religious Studies	3 cr
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18-24 cr

### **Total Core/Liberal Studies Requirements**

27-36 cr

### 4.0 Electives

45-57 cr

### **Total Credit Requirement for Graduation**

120 cr

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## REQUIREMENTS FOR A MINOR IN RUSSIAN AREA STUDIES

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Russian Language: RUSS 106, 201, 202	9 cr
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Russian Civilization: RUSS 223	3 cr
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Russian Literature: RUSS 220, 221	6 cr
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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

## SOCIOLOGY AND SOCIAL WORK

WILLIAM R. EIDLE, Ph.D., *Divisional Chairperson*  
MARGARET R. CALISTA, C.S.W., *Program Director*

The Social Work program provides a major that has as its principal educational objective to prepare students for beginning professional practice. A Bachelor of Science degree in Social Work is awarded to those students who adequately fulfill all the requirements of the major in addition to all the college-wide curriculum requirements. The Program of Study leading to the Bachelor of Science degree in Social Work is accredited by the Commission on Accreditation of the Council on Social Work Education.

In order to accomplish the degree, the social work major builds on a strong liberal arts foundation to assist students in understanding the world and their role in it. Human values, personal values and professional values are studied and refined so the students may form an appropriate value context for professional practice. Courses in sociology and in other behavioral and social sciences provide students with a foundation for understanding human behavior in the social environment. Social Work

courses combine theory and application. Field work education is distributed throughout the program and culminates in an in-depth practicum during the senior year. All field work activities take place within local social service agencies.

Advisement is provided throughout the program. Advisement plays a critical role, particularly in readying students for thresholds within the major and in evaluating their performance as potential social workers.

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. Students are advised that the minors in Social Work or Sociology are not accredited by the Commission on Accreditation of the Council on Social Work Education.

### REQUIREMENTS FOR A BACHELOR OF SCIENCE DEGREE IN SOCIAL WORK

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

#### 1.0 Course Requirements in Sociology and Social Work

ALL of the following courses in Sociology:

SOC 101, 235, 341, 440, 480	15 cr
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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	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

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE



## 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 req. for major)
Social Science	0 cr	(6 fulfilled by req. 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 Requirements

36-39 cr

#### 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.*

## RECOMMENDED PROGRAM SEQUENCE FOR SOCIAL WORK

### FRESHMAN YEAR

FALL		SPRING	
SOC 101 Intro. to Sociology	3 cr	Core/LS Writing	3 cr
Core/LS PHIL 101	3 cr	Core/LS PHIL 102	3 cr
Core/LS Writing	3 cr	PSYC 101 Intro to Psych	3 cr
SCI 160 Sci/Tech/Human Affairs OR		Core/LS Literature	3 cr
BIO 101 Selected Topics in Biology	3 cr	General Elective	3 cr
General Elective	3 cr		
	15 cr		15 cr

### SOPHOMORE YEAR

FALL		SPRING	
SOCW 230 Intro. to Social Work	3 cr	Core/LS Nat. Sci.	3 cr
ECON 101 Principles of Econ	3 cr	Core/LS Math	3 cr
POSC 101 Intro to Pol. Sci. OR		Core/LS Literature	3 cr
POSC 110 American Nat'l. Gov't.	3 cr	Core/LS Phil & Rel	3 cr
Core/LS Math	3 cr	General Elective	3 cr
Core/LS Hist	3 cr		
	15 cr		15 cr

## PROGRAMS OF STUDY

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### JUNIOR YEAR

FALL		SPRING	
SOCW 330 Soc Serv Theory/Pract	3 cr	SOC 341 Social Change	3 cr
SOCW 345 Hum Beh Soc Environ.	3 cr	SOCW 344 Soc Wel Pol & Analysis	3 cr
SOC 235 Sociology of Minorities	3 cr	SOCW 380 Methods I	4 cr
Core/LS Hist	3 cr	SOCW 395 SW with Minorities	3 cr
Core/LS Fine Arts	3 cr	General Elective	3 cr
	<u>15 cr</u>		<u>16 cr</u>

### SENIOR YEAR

FALL		SPRING	
SOC 480 Social Research Meth.	3 cr	SOC 440 Social Theory	3 cr
SOCW 381 SW Methods II	3 cr	SOCW 477 Capping Course/ Senior Integrative Seminar II	3 cr
SOCW 482 Pract in SW I	4 cr	SOCW 483 Pract. in SW II	4 cr
SOCW 476 Sr. Integrative Seminar I	3 cr	General Elective	3 cr
	<u>13 cr</u>	General Elective	3 cr
			<u>16 cr</u>

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### REQUIREMENTS FOR A MINOR IN SOCIOLOGY

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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>

<b>Total Credit Requirement for a Minor in Sociology</b>	18 cr
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### REQUIREMENTS FOR A MINOR IN SOCIAL WORK

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SOC 101, SOCW 230 and SOCW 330	9 cr
TWO elective courses in Social Work	<u>6 cr</u>

<b>Total Credit Requirement for a Minor in Social Work</b>	15 cr
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## SPANISH

JEPHTHA H. LANNING, 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 concentraton
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 understand-

ing 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.

2.0 Course Requirements in Related Fields	
None	

#### Total Credit Requirement for a Major in Spanish

36 cr

#### 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	3-6 cr	
Social Sciences	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	3 cr	

21-27 cr

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE



## PROGRAMS OF STUDY

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<b>Total Core/Liberal Studies Requirements</b>	30-39 cr
4.0 Electives	45-54 cr
<b>Total Credit Requirement for Graduation</b>	120 cr

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### REQUIREMENTS FOR A MINOR IN SPANISH LANGUAGE STUDIES

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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

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

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<b>Total Credit Requirement for a Minor in Spanish Language Studies</b>	18 cr
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### REQUIREMENTS IN BILINGUAL EDUCATION CONCENTRATION

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1.0 EDUC 140	3 cr
2.0 SPAN 153 or 154	3 cr
3.0 Optional: EDUC 441	3 cr
	6-9 cr

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## 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

**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 Spring.

*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. Offered every Fall.

*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. Offered every Spring.

*Prerequisite:* ACC 403

### **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**

#### **Current Issues in Accounting**

*Three Credits*

An integrative course required of all senior accounting majors that will examine various issues selected by the instructor(s). These issues will be addressed by the interpretation and application of generally accepted accounting principles. Specific emphasis will be placed on the ethical considerations of these issues and principles. Offered every Spring.

*Prerequisite:* ACC 401, 403

*Corequisite:* ACC 402

## **ADVERTISING 04**

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### **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.

### **ADV 202**

#### **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.

*Prerequisite:* ADV 101

### **ADV 301**

#### **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.

*Prerequisite:* ADV 101

### **ADV 302**

#### **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.

*Prerequisite:* ADV 301

### **ADV 303**

#### **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.

*Prerequisite:* ADV 301

## **AMERICAN STUDIES 03**

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### **AMST 477**

#### **Capping Course**

A capping course required for all Senior American Studies majors.

## **ANTHROPOLOGY 05**

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### **ANTH 101**

#### **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.

## ANTH 102

### **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.

## ANTH 120

### **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.

## ANTH 230

### **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.

## 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 232

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

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## 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. Offered every year.

## **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 Spring 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. Offered annually as a three-hour lecture.

## **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 respira-

tory system, the cardiovascular system, exercise physiology, the digestive system, and the reproductive system. Offered every semester.

## **BIO 305**

### **Animal Behavior**

*Three Credits LA*

A study of animal behavior from the 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 helminthes 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, perfect their microbiological techniques: by setting up biooxidative tests and performing standard staining, plating and culturing procedures while at the same time observing proper method for the handling of specimens for the laboratory. Offered every Fall.

*Three-hour lecture and two-hour laboratory.*

*Prerequisite:* BIO 110-111, CHEM 111-112

## **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 Biennially.

*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

**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.

### 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, 204, MATH 115 or MATH 221 & 222.

### 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 204 or 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. 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.

*Prerequisite:* ECON 101, 102

*Recommended:* BUS 301

### **BUS 410**

#### **Employment and Development**

*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. Offered every Spring.

*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. 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

### **BUS 450**

#### **Marketing Policies & Problems**

*Three Credits*

A concentration 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. Offered every year.

*Prerequisite:* BUS 340

### **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. Offered every semester.

*Prerequisite:* BUS 301, 320, 340, 388

## **CHEMISTRY 19**

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### **CHEM 101**

#### **Introduction to Chemistry**

*Three Credits LA*

A basic introduction to chemistry emphasizing the language of chemistry, its fundamental concepts, and development of problem solving skills. This course provides



appropriate background for students with insufficient preparation in high school chemistry who may wish to take General Chemistry I-II.

*Three-hour lecture 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 inorganic 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. Fulfills a chemistry requirement for Env. Sci. and Med. Tech.

*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, six-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

**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 478**

**Science, Medicine & Ethics**

*Three Credits LA*

Dual listed as ENSC 477, BIO 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

**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/she 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, 105

**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 pre-dispositions, etc. Through theoretical consideration and practical experiences, the student develops new insights into the process of persuasion.

*Prerequisite:* Sophomore standing and COMM 104, 105

## 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, 105

## 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, 105

## COMM 208

### **Debate Practicum**

*Three Credits LA*

Introduces a student to the history and the theories of intercollegiate academic debate. Students will study the structure and form of this major style of current academic debate. Students will have an opportunity to put different theories and styles into action by performing in practice debates.

## 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 cocreative 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, 105 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, 105

## 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.

*Prerequisite:* Sophomore standing and COMM 104, 105

## 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.

*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.

*Prerequisite:* Sophomore standing and COMM 104, 105 or permission of instructor

**COMM 324**

**Journalism**

*Three Credits LA*

Dual listed as ENG 322

The 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, Sophomore standing and COMM 104, 105

**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, 105

**COMM 326**

**Radio News**

*Three Credits LA*

The purpose of the course is to familiarize the student with the accepted industry practices in the field of radio news. Readings, lectures, in-class drills, and field assignments, will be employed to convey skills necessary for newswriting and reporting for radio.

*Prerequisite:* COMM 324

**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, 105

**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.

*Prerequisite:* Sophomore standing and COMM 104, 105

**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 333**

**Communications Revolutions**

*Three Credits LA*

This course is designed to acquaint the student with an understanding of the electronic media—in all forms—and to examine their impact on society. The student will be exposed to the history, technologies, and consequences of these media, which have quite literally "revolutionized" our true lives and our expectations of what our lives should be. Beginning with McLuhan's premise that "the medium is the message," the course will explore how human methods of communication have evolved and revolved around the development of succeeding generations of technological development.

*Prerequisite:* Sophomore standing and COMM 104, 105

**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.

*Prerequisite:* Sophomore standing and COMM 104, 105

**COMM 345**

**Documentary Film**

*Three Credits LA*

This course is an examination of documentary film and video both as a film movement and as a record of history. The course surveys the historical development of documentary starting with the Lumiere Brothers and ending with new trends in documentary. Filmmakers examined include: Robert Flaherty, Pare Lorentz, Frederick Wiseman, Leni Reifenstahl, John Grierson, John Huston. Various trends in documentary will be explored such as: documentary as social advocate, cinema verite, propaganda, ethnographic uses. The impact of the documentary movement on society will be explored.

*Prerequisite:* Sophomore standing and COMM 104, 105

**COMM 347**

**Experimental Film and Video**

*Three Credits LA*

Examines the theory and practice of a major twentieth century art movement from its origins in DADA to more recent minimalist and structuralist works. The course focuses on how experimental film and videos differ in form, technique and content from the more traditional narrative and documentary movements. These works often break the rules of conventional Hollywood structure, often take abstract forms, often attempt to exteriorize the thoughts, or explore the nature of film and video itself, or examine how the eye sees. The course explores how these films embody the theory of such art movements as DADA, Surrealism, Abstract Expressionism, minimalism and structuralism. The course examines the works of Marcel Duchamp, Luis Bunuel, Man Ray, Maya Deren, Kenneth Anger, James Broughton, the Whitney Brothers, Stan Brakhage, Michael Snow and others.

*Prerequisite:* Sophomore standing and COMM 104, 105

**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.

*Prerequisite:* Sophomore standing and COMM 104, 105

**COMM 352**

**American Drama 1915-1945**

*Three Credits LA*

Dual listing 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 member.

tor 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

#### **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 432**

**Media Ethics**

*Three Credits LA*

This course examines ethical reasoning in three areas of mass communications: journalism, advertising and entertainment. The major tool in this inquiry is the case study.

*Prerequisite:* Sophomore standing and COMM 104, 105

**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**

This is a senior-level seminar in communication which is designed to acquaint the student with some of the original, ground-breaking concepts in the discipline as well as help the student determine some of the as-yet unsolved problems facing communication researchers. Through a series of readings coupled with lectures and research assignments, students will learn the history, philosophy and on-going concerns of communication researchers. At the end of the semester, students will formulate their own "communication problem" and submit a thesis based on that problem.

**COMM 498-499**

**Advanced Internship in Communication Arts**

*Six-Nine Credits*

A professionally-oriented seminar 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 INFORMATION SYSTEMS 25

**CIS 236**

**Problem Solving and Programming in Business**

*Three Credits LA*

This course will develop problem solving and programming skills in the area of business and management. Problem decomposition methods will be taught and the students will develop skills in implementing well-structured, computerized solutions using traditional tools such as COBOL and modern tools such as Fourth Generation Languages. Top-down analysis and problem solving in large programming systems will be emphasized, as will the structure of computerized solutions appropriate in the business environment.

*Prerequisites:* CMSC 212, CIS 281

**CIS 281**

**CIS Concepts**

*Three Credits LA*

This course establishes a foundation for the understanding of information in organizations. It will give examples



of several different types of information systems applications (financial, production, marketing, etc.), the software design cycle, and the relation of information systems to organizational objectives. Some microcomputer software will be introduced.

*Prerequisites:* CMSC 105, BUS 101 (concurrently)

## **CIS 321**

### **The Architecture of Hardware and Software**

*Three Credits LA*

This course introduces computer architecture, assembly language programming and operating systems concepts. It will give a sound background in the concepts of architectural structure and the ways in which hardware supports, and is designed along with, operating system software. Basic concepts of operating systems and how they support multi-programming will be discussed. There is a programming element in this course, but it does not entail problem analysis and solution design.

*Prerequisite:* CMSC 212

## **CIS 404**

### **Systems Analysis Methods**

*Three Credits LA*

This course overviews the systems analysis and design cycle, with emphasis on the earlier phases. Logical design using tools of modern analysis will be covered. Students will be proficient in at least one current analysis method and will overview several others. This course has a project orientation, but the projects will be small and cover only a portion of the design cycle.

*Prerequisite:* CIS 281, CMSC 212

## **CIS 406**

### **Data Communications**

*Three Credits LA*

This course examines the concepts and mechanisms of data transport systems including information in the form of data, voice, and image. Network architecture, terminology, control and general topologies will be discussed. Current equipment and physical interconnection will be explored in an applied model incorporating a range of network services to support application development, distributed processing, information centers and distance learning. Emphasis is placed on the impact of data communications technology on organizations and on the design of future information systems.

*Prerequisite:* Completion of lower level Math and CIS requirements

## **CIS 408**

### **Data Management**

*Three Credits LA*

A study of the critical issues related to managing data in organizations. The concept of data as a resource, the data environment, the data base approach and the need for data modeling are examined in detail. The growing use of Data Base Management Systems in managing

data is discussed. The Data Administration function, its relevance in evolving organizations and emerging issues are also addressed.

*Prerequisite:* CIS 236

## **CIS 448**

### **Advanced Database Processing**

*Three Credits LA*

This course will cover database administration, hardware and software selection and management in the database environment. Included will be advanced hardware and software concepts and future trends.

*Prerequisite:* CIS 408 and CIS 461, or permission of the instructor.

## **CIS 452**

### **Decision Support Systems**

*Three Credits LA*

This course covers the analysis, design and development of highly complex, individually tailored tools for the solution of specific management problems. The concepts of modeling as a problem solving technique, model formulation and tools for modeling will be covered.

*Prerequisite:* CIS 461

## **CIS 454**

### **Office Information Systems**

*Three Credits LA*

This course will cover the analysis and design of logical and physical information systems for use in the office environment. The management of such systems will also be covered in detail, as will a survey of current practices and trends affecting the future.

*Prerequisite:* CIS 461

## **CIS 461**

### **Systems Design Methods**

*Three Credits LA*

This course integrates the areas of computer technology, systems analysis, system design, and organizational behavior to aid the student in designing large scale applications and decision support systems. It overviews the software design cycle, with emphasis on the latter phases, and also introduces alternate modern technologies. Course project will involve the analysis and initial design phases of a moderately large system.

*Prerequisite:* CIS 344, CIS 404, CIS 408

## **CIS 471**

### **Advanced Topics in Computer Information Systems**

*Three Credits LA*

This course provides a means of considering new and innovative aspects of computer information systems.

*Prerequisite:* Permission of the instructor



**CIS 477**

**Computer Information Systems Project**

*Three Credits LA*

Students in this course will work individually or in small teams to develop the solution to a real or realistic problem, and work towards the implementation of the solution. This course is the Capping experience in the CIS major.

*Prerequisite:* CIS 461

**CMSC 477**

**Computers and Society**

*Three Credits LA*

This course involves a study of the social implications of computer technology.

*Prerequisite:* Junior/Senior standing

**CIS 482**

**CIS Policy**

*Three Credits LA*

Students in this course will study how information systems function to support the overall operations, policies, and objectives of the organization. Alternative structures for matching the management goals of the information processing department to the structure and behavior of the organization will be reviewed.

*Prerequisite:* CIS 461

**CIS 484**

**Information Resource Management**

*Three Credits LA*

Students in this course will study the concept of information as a valuable resource which may be managed as are other resources. Techniques for managing information will be covered.

*Prerequisite:* CIS 461

## 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.

*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 Spring.  
*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.

### **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 Spring.

*Prerequisite:* CMSC 112

### **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.

*Prerequisite:* 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 Fall.

*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. Offered every Fall.

*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 Spring.

*Prerequisite:* CMSC 233, 212

### **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. Offered every Spring.

*Prerequisite:* CMSC 212, MATH 320, MATH 330

### **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. Offered every Spring.

*Prerequisite:* 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.

*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.

*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.

*Prerequisite:* Junior/Senior standing in computer science

## **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 Fall.

*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.

*Prerequisite:* MATH 330, CMSC 212, CMSC 330

## **CMSC 408**

### **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. Offered every Spring.

*Prerequisite:* CMSC 312

## **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 every Spring.

*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 multi-programmed operating system will be an integral part of the course. Offered every Fall.

*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. Offered every Spring.  
*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 students will be introduced to the formal properties of languages, formal methods of generating and defining languages, and the limitations of the methodologies. Offered every Fall.

*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.

*Prerequisite:* Permission of Divisional Chairperson.

**CMSC 477**

**Computers and Society**

*Three Credits LA*

A study of the social implications of computer technology. Offered every Spring.

*Prerequisite:* Junior/Senior standing in computer science

**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 in computer science

## 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. Offered every Spring.

**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. Offered every Fall.

**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 of training. Offered every Fall.

*Prerequisite:* CRJU 101 or permission of the Divisional Chair

**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.). Offered every Fall.

*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. Offered every Fall.

**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. Offered every Spring.

**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, barbituates, stimulants, tranquilizers, hallucinogens and other substances and their effects on the behavior of the individual. Addiction and current methods of treatment are also studied. Offered every Spring.



## CRJU 303

### **Criminal Procedure I**

*Three Credits LA*

A review of criminal procedure from arrest through sentencing as seen through the analysis of leading constitutional cases in criminal justice. The course includes methods of legal reasoning, legal writing and legal research. Offered every Fall.

*Prerequisite:* CRJU 101

## CRJU 304

### **Criminal Procedure II**

*Three Credits LA*

A study of New York State Penal Law integrating criminal procedure law and the general principles and nature of criminal liability. Offered every Spring.

*Prerequisite:* CRJU 303 or permission of the department

## CRJU 305

### **Juvenile Law and Procedures**

*Three Credits LA*

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. Offered every Spring.

*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. Offered every Spring.

*Prerequisite:* CRJU 102

## CRJU 373

### **Characteristics of the Work Setting**

*Three Credits LA*

This course focuses on the bureaucracy and social psychology of criminal justice organizations and institutions.

*Prerequisite:* CRJU 101

## CRJU 374

### **Criminal Justice 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. Offered Fall

*Prerequisite:* MATH 130 Statistics. and CRJU 101

## 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.

*Prerequisite:* CRJU 374

## 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:* CRJU 101

## 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.

*Prerequisite:* CRJU 101

## CRJU 440

### **Senior Seminar I:**

#### **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 every Fall. Senior Criminal Justice majors only.

## CRJU 477

### **Senior Seminar II: 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 crim-

inal justice (practice) is also explored with a view toward career and employment possibilities. Senior Criminal Justice majors only. Offered every Spring.

*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 within 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.

#### **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 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**

**Contemporary Economic Issues**

*Three Credits LA*

An integrative course which focuses the student's academic background in economics upon the interrelationship between the requirements for efficiency and the concern for equity in the marketplace. This is effected by the student's examination of a contemporary economic problem in a major research paper. The student's analysis must reflect a personal position on the issue and a rigorous defense of that position. Offered every year.

*Prerequisite:* ECON 301, 302, MATH 115, 130, 230

**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.*

*Prerequisite or Corequisite:* 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 1989.

*Prerequisite:* PSYC 207, 317

*Open only to enrollees in the Special Education program.*

**EDUC 350-351**

**The Teaching of Reading: Process and Strategies for Elementary and Special Education I-II**

*Three Credits each semester*

The purpose of this course is to examine the nature and process of reading within a theoretical framework and then to examine a variety of approaches and strategies used in teaching children to read and to gain competence in all of the language arts. 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. Observation and participation in local schools is required. Offered every semester.

*Prerequisite:* PSYC 207, 231, 317

*Corequisite:* PSYC 372

Open only to students in the Special Education Program

### **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.

*Corequisite:* EDUC 462

### **EDUC 362**

#### **Measurement & Evaluation**

*Three Credits LA*

Dual listed as PSYC 362.

See PSYC 362 for course description.

### **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 daily 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.

*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.

*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, EDUC 210

*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.

*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.

*Corequisite:* EDUC 210

*Prerequisite or corequisite:* PSYC 208, EDUC 210

**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.

*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.

*Corequisite:* 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.

*Corequisite:* 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.

*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 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 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 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.

**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 mini's. Offered when there is sufficient student interest.

**ENG 210-211****American 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 212-213****English Literature I-II***Three Credits each LA*

Selections from the principal writings of the leading literary figures in English literature. 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 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**

**Literary Genres: Drama & Poetry**

*Three Credits LA*

An introduction, along with ENG 235, 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 drama and poetry with students learning to use research as a tool of literary study. Offered every year.

**ENG 235**

**Literary Genres: Fiction**

*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 course places primary emphasis on short and long fiction. Students will write reaction papers based on the readings. 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 270**

**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. Readings from a variety of sources, as Homer, Sophocles, Euripides, Aristophanes,

Virgil, Ovid, the Old and New Testament, Dante, Chaucer, Rabelais, Cervantes and Shakespeare. Offered every year.

**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.

**ENG 303**

**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 for the Neo-classical statement of the Eighteenth Century; and Johnson, Goldsmith and Reynolds for 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.

**ENG 304**

**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 307**

**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 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: 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 319****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, Mark 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 320-321****The Rise and Development of the English Drama I-II***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 323****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, as, Jane Austen, Dickens, George Eliot, Emily Bronte and Thomas Hardy. Offered at least once in three years.

**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 326****The Modern English Novel***Three Credits LA*

A study of the major fiction writers in English in the 20th century, as, Conrad, Lawrence, Joyce and V. Woolf. Consideration is given to significant post-World II novelists as well, as, Fowles, Amis, Powell. Offered at least once in three years.

**ENG 327****Writing for Radio and Television***Three Credits LA*

Dual listed as COMM 327

See COMM 327 for course description



**ENG 328**

**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.

**ENG 329**

**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 330**

**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 332-333**

**The Age of Satire and the Age of Sensibility**

*Three Credits each LA*

A close examination of a variety of texts by such authors as Pope, Swift, Smollett, Gay, Sterne and Edgeworth will be examined. The mode of satire and historical development are also studied. Offered once every three years.

**ENG 334**

**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 335**

**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 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 342**

**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 344**

**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 345**

**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 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 the 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 Old 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 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 370****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 371****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 373****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 380****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 382****Workshop in Fiction***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 392****Special Topics in English***Three Credits LA*

The "special topics" courses have 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 for individual independent study.

**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 429**

**Independent Research: English Literature**

*Three Credits LA*

Offered upon request.

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 477**

**Capping Course**

*Three Credits LA*

A capping course required for all Senior English majors. Offered every year.

**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 seminar. 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.

*Prerequisite:* 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 202**

**Political Process & Environment**

*Three Credits LA*

The purpose of this course is to teach the "layperson" how to get involved in environmental issues; how to evaluate environmental problems and their proposed solution; and how to effectively fight for environmental protection. *Prerequisite:* ENSC 101

**ENSC 205**

**Principles of Environmental Assessment**

*Three Credits LA*

The purpose of this course is to establish the proper approach to environmental assessment. Students will learn how to design a statistically acceptable monitoring program; how to collect samples; how to prepare and preserve samples for analyses; and how to interpret environmental data in the assessment of impacts. *Prerequisite:* ENSC 101

**ENSC 305**

**Environmental Economics**

*Three Credits LA*

Dual listed as ECON 305

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

## **ENSC 310**

### **Environmental Chemistry**

*Three Credits LA*

This course includes detailed coverage of the major anthropogenic pollutants and the 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**

*Three 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 313**

### **Environmental Microbiology**

*Three Credits LA*

This course is an extension of basic microbiological methods to the analysis of environmentally important samples. Since many of the functions of ecosystems are governed by microorganisms, the microbiota are likely to be key indicators of environmental impacts.

*Two-hour lecture, three hours lab.*

*Prerequisite:* BIO 312

## **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 404**

### **Environmental Toxicology**

*Four Credits LA*

This course will introduce students to the methods involved in measuring toxic effects of chemical and/or physical agents on living organisms. Students will become familiar with toxicant detection in environmental samples, the effects of toxicants on test organisms; risk associated with different exposure levels; and the relationships between toxicant levels and the regulatory criteria for those toxicants.

*Two hours lecture, six hours lab.*

*Prerequisite:* BIO 312, ENSC 313

## **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.

### **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 dis-



covery 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.

## **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 de-

velopment 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.

**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*

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 pre-professional 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 pre-professional 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 ARTS 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*

Dual listed FDM 101

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 110**

### **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 111**

### **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 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 145**  
**Elementary Photography**  
*Three Credits*

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.

**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 170**  
**Computer Art I**  
*Three Credits LA*

This is an introductory course in computer art. The course seeks to introduce the computer as a new media for the fine arts.

Students will be exposed, among other things, to the fundamentals of the language of Basic, the IBM PC art commands, graphics printers, plotters, light pens, etc., and to the creation of art and music. No Prerequisites.

**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 202**  
**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 203**  
**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 110

**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 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 145

**ART 260**  
**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 310**  
**Advanced Drawing I & II**  
*Three Credits each*

**ART 311-411**  
**Advanced Printmaking I & II**  
*Three Credits each*

**ART 312-413**  
**Advanced Sculpture I & II**  
*Three Credits each*



## ART 314

### **Advanced Photography**

*Three Credits*

Class meetings are arranged with the individual instructor, offering the freedom to think, to work and to develop in an unstructured yet tutored environment.

The 300-400 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.

## 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 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 260

## 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 260

## 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 477

### **Capping Course**

This course will introduce the student to traditional and contemporary approaches to art criticism. Historical foundations of critical analysis will be explored, as well as contemporary models for the justification of aesthetic judgments. Broader humanistic concerns and value issues will be addressed by the application of models reflecting the social, historical, political and psychological nature of art. The course will provide the student with the opportunity to develop an independent research project.

## 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: 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.

**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*

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.

**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 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 offered annually in France.

**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, LaRochefoucauld, 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, Chenier, *la litterature 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, Mallarme, 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.



**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, 250 and 251; permission of faculty coordinator

**FREN 410-411**

**Grammaire: Perfectionnement I, II**

*Three Credits each LA*

The fine points of French grammar explained and drilled in preparation for the Diplome de L'Universite 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 Fall.

**FREN 477**

**Capping Course**

*Three Credits LA*

A capping course required for all Senior French majors. It is an independent study program based on a one-to-one teacher-student relationship. The student writes a long paper on a subject agreed upon with faculty coordinator.

**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.

**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 each LA*

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 with special emphasis on 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 135

### Origins of Modern Times

*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 218

### History and Culture of the Mid-Hudson

Surveys the political, economic and social evolution of the region from pre-Columbian times to the contemporary era. Offered biennially.

HIST 222

### The Rise and Fall of Modern Europe, 1815-1945

Traces the explosive developments of the 19th century that led to Europe's hegemony and then collapse between World Wars I and II. Topics will include the Industrial Revolution, liberalism, romanticism, nationalism, imperialism and socialism. Offered triennially.

HIST 225

### American Colonial Experience

*Three Credits LA*

This course focuses on the pre-revolutionary era. It examines the transit 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 biennially.

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 developments of the 19th century. Offered at least triennially.

**HIST 261**

**History of Russia: 1850-1917**  
*Three Credits LA*

This course traces the evolution of Russia from the reigns of Alexander III and Nicholas II to 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.

**HIST 268**

**Asia I**  
*Three Credits LA*

This course offers a broad survey of East, Southeast, 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, Southeast, 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 stresses 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 present. 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 focus 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. Offered biennially.

**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 focuses on the evolution of American foreign policy. Beginning with the principles established in the early years of the Republic, it treats "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 student 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 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 biennially.

**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 annually.

**HIST 341**

**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 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 and on Norman and Angevin contributions in the area of Land Law, Courts and 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 and the Cabinet system from the early Hanoverians through the major reforms of the Victorian era. Offered triennially.

**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. It also examines the Versailles settlement and the problems under the Weimar Republic. Hitler and the roots of the Nazi ideology. Offered triennially.

**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, but periodic tutorials; all study materials will be provided to each student at the beginning of the semester. Working with these materials plus the original video pro-



gram (available in the Marist College Media Center) students can complete the course at their own pace within the semester.

*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 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.

*Prerequisite:* Permission of Divisional Chairperson

### **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 477**

#### **Capping Course**

A capping course required for all Senior History majors.

### **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 209****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 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.

**INTD 212****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 213****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 scientific inquiry.

*Prerequisite:* INTD 105

**INTD 477****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, 209, 212, 213

On occasion, the interdisciplinary course, INTD 210, is offered by the department of Sociology and Social Work:

**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**

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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 100

#### **Introduction to College Reading**

This course is designed to help developmental readers become more independent by focusing on reading basics with continuous practice and feedback. Using directed-reading materials, students will be exposed to effective reading techniques while learning to think in a clear, logical manner. Instruction will be in the form of small group work; class assignments and the successful completion of mastery tests will be important parts of the grade. Completion of a speed reading program on the personal computer is also a component of the course. The course meets once a week for ten weeks and two sections are offered once each semester. This course is limited to freshmen who place into it and can be followed by College Reading. No academic credit is given for this course; however one equivalent credit is earned.

### LERN 101

#### **Library Research Methods**

*One Credit LA*

This course teaches the use of the card catalog, periodical indexes and reference materials. Students learn to compile and present a bibliography for a term paper. Strategies for identifying, defining, and filling information needs are discussed. A bibliography on a subject selected by the student is required. The course begins the second week of the semester and meets once a week for ten weeks.

### LERN 103

#### **Learning Theory and Application**

*One Credit LA*

This course is designed to specifically meet the needs of the new college student. In addition to discussions, workshops, and visiting personnel, a method of self-management will be practiced and applied to specific skills such as listening, notetaking and taking examinations. This course meets once a week for ten weeks. Open to freshmen and sophomores.

### 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. In addition, a speed-reading computer program will be completed by the student.

### **LATIN 55**

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### 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.

*Prerequisite:* LAT 102, 105

### **MATHEMATICS 58**

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### 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 115 or higher, or its equivalent. 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 111**

**Topics in Modern and Classical Mathematics (Excursions II).**

*Three Credits LA*

The course is a sequel to Excursions in Math. It continues to develop better logical and mathematical thinking in the student. Topics are chosen from classical mathematics as well as current and recreational mathematics. *Prerequisite:* MATH 110

**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 enroll in Calculus I. 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:* Three years of high school mathematics or MATH 108 or satisfactory performance on department proficiency exam.

**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 upper level 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. *Prerequisite:* 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 and 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

### **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 annually.

*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 annually.

*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. (Joint and marginal probability distributions) Offered annually.

*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 biennially.

*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. Offered annually.

*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. Offered annually.

*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. Offered upon sufficient student demand.

*Prerequisite:* MATH 420

**MATH 422-423**

**Applied Mathematics**

*Three Credits 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.

**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

**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 biennially.

*Prerequisite:* MATH 210, 222, Ability in a programming language comparable to CMSC 105

**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 upon sufficient student demand.

*Prerequisite:* MATH 210

**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 biennially.

*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 410 or 420

**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 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. 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 annually.

*Prerequisite:* Senior standing or permission of the instructor.

**MEDICAL TECHNOLOGY 56**

**MEDT 260**

**Methods in Medical Technology**

*Four 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**

**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, and 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**

### **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 315

## **MEDT 440**

### **Clinical Immunology/Immuno-hematology II**

*Three Credits*

Advanced study of immunology and immuno-hematology. 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**

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### **VOCAL COURSES:**

#### **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 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 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. When talent warrants, this course may be taken for more than one semester for credit. Literature and pedagogy become more advanced with each semester of study.

*Prerequisite:* MUS 112-113

### **THEORY COURSES:**

#### **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 and keyboard. No background in music is required.

#### **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.

*Prerequisite:* MUS 103 or ability to read music

#### **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.



**CHORAL COURSES:**

**MUS 110**

**Choral Singing I**

*Three Credits*

If you love to sing in a group, or if you have always wanted to try this medium, supported with teaching of *basic skills*, this course is for you.

*No prerequisites.*

**MUS 111**

**Choral Singing II**

*Three Credits*

Using the skills of Choral Singing I, experience the joy of singing through performances of music ranging from Bach to Broadway. This course stresses singing in choral parts.

**MUS 301**

**Choral Singing III**

*Three Credits*

This course provides an opportunity for the student with some choral experience to listen, study and perform the more advanced contrapuntal choral music from all periods and in several foreign languages.

**MUS 302**

**Choral Singing IV**

*Three Credits*

This level of instruction offers the opportunities of performance with orchestral accompaniment, singing with other community choirs and on occasion, performing in foreign countries.

**HISTORY COURSES:**

**MUS 105**

**Creative Listening**

*Three Credits LA*

Designed as an introduction to music form, genres, and performance, the class will be based on the vocabulary of music and performance rather than through historical perspective. Concert attendance and music critiques will be required. Offered in Fall. No prerequisites.

**MUS 106**

**Jazz and Sound**

*Three Credits LA*

Study of roots of Jazz from its early European and African heritage to the present will be achieved by examination of the diverse styles. Dixieland, Blues, Swing, Bebop, Cool, Fusion, spontaneous improvisation and current avant garde practices will be discussed and augmented by live performances by quest artists. Student presentations and written critiques will be strongly encouraged. Offered when there is sufficient student interest. No prerequisites.

**MUS 140**

**Music of the 18th Century**

*Three Credits LA*

An exploration of the music of the Baroque and Classical eras, featuring Vivaldi, Bach, Handel, Haydn, Mozart, Beethoven and Schubert. Class will be supplemented by videotapes and by live performances. Listening required. No prerequisite.

**MUS 141**

**Romantic Music of the 19th Century**

*Three Credits LA*

Romanticism manifested in music of the major composers of the period will be understood by consideration of their lives and philosophies. Mendelssohn, Berlioz, Chopin, Liszt, and Tchaikovsky are only some of the features. Listening required. Text required. Previous musical study or experience recommended.

**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 225**

**Insight to Music**

*Three Credits LA*

In order to gain a better appreciation of historical periods in music, emphasis will be on acquisition of a basic listening repertoire. The course is designed as an introduction to music history, major composers and repertoire. Listening required. Textbook required. Offered in Spring. No prerequisite.

**MUS 242**

**Music of the 20th Century**

*Three Credits LA*

An examination of the diverse styles of music in our century to include music of Impressionism, Expressionism, Serialism, Neoclassicism, Stravinsky, Gershwin, Copland and Ives. Supplemental study of avant garde, jazz, rock and contemporary issues will be augmented by student presentations and films. Offered when there is sufficient student interest. Listening required. No textbook required. Previous musical study or experience recommended.

**MUS 243**

**Music in America**

*Three Credits LA*

A historical view of the unique development of music in America from the 17th century to the present. Study will include music from Revolutionary and Civil Wars, folk music, major American composers, minstrelsy, origin of ragtime and musicals, as well as an examination of contemporary issues. Offered when there is sufficient student interest. Previous musical study or experience recommended.

**ACTIVITY COURSES:**

**MUS 231**

**Brass Wind Ensemble**

*One Credit*

A performance workshop where students gain familiarity with a broad range of literature for the brass wind idiom. Precision, intonation and interpretation are studied in an ensemble format. Open to all students with a school level proficiency who own their instrument.

**MUS 299**

**Choral Activity**

*One Credits 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 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 an historical overview. Offered 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, 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 ad-

judication 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 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

**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 service 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 biennially.

**PHIL 220**

**History of Modern Philosophy I**

*Three Credits LA*

An analysis of the movements of philosophical ideas in Europe from the 17th through the 19th century. Offered biennially.

**PHIL 221**

**History of Modern Philosophy II**

*Three Credits LA*

An analysis of the movements of philosophical ideas in Europe from the 19th into the 20th century. PHIL 220 is recommended but not required for PHIL 221. Offered biennially.

**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 Alexandrines 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 biennially.

## PHIL 232

### **Philosophy of History**

*Three Credits LA*

An inquiry into the character of historiographical problems of evidence and explanations. Offered biennially.

## 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. Priority to Teacher Education students. Offered every Spring.

## 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 biennially.

## 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 biennially.

## PHIL 330

### **Aesthetics**

*Three Credits LA*

Appraisal of the major theories and issues of a philosophy of art. Offered biennially.

## 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 biennially.

## 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**

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## 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 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 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.

## 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.

*Prerequisite:* 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*

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 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*

## **PHYSICS 71**

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### 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 211

#### **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 212

#### **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 213-214

#### **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 211-212

## **POLITICAL SCIENCE 74**

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### 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 Ameri-



can 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. Also, the politics of New York State are examined. Offered annually.

*Prerequisite:* POSC 110

## **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. Also, the nature of contemporary voting behavior is examined. 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 trans-

gressions. The role of the United States in formulating a human rights policy will be traced from the Eleanor Roosevelt era to the present. Offered biennially.

## **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 225**

### **Politics of War**

This course examines the roots and history of war, the military as societal institution, the role and profession of arms, the past employment and utility of war as an aspect of international relations, and the foreign policy of nations. It includes study of the implications of war in the age of ultimate weapons, the nuclear deterrent arguments and the question of arms control and disarmament. Offered biennially.

## **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.

## **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.

## **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.

## 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. The focus is on decision making, personnel management and budgeting. Offered at least biennially. *Prerequisite:* POSC 110 and 211 is suggested.

## 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 intergovernmental relations and providing familiarity with grant opportunities and procedures are other important outcomes sought in this course. Offered biennially.

*Prerequisite:* POSC 110 and 283

## 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. 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.

*Prerequisite:* 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 macro-economics; 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.

*Prerequisite:* 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 381**

#### **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

### **POSC 392-393**

#### **Special Topics in Political Science I and II**

*Three Credits LA*

The "special topics" course 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 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

### **POSC 477**

#### **Capping Course**

A capping course required for all Senior Political Science majors.

## **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 Psycho-analytical Theory. Offered when there is sufficient student interest.

*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 in Fall and 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 when there is sufficient student interest.

*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 when there is sufficient student interest.

*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 in Fall and Spring.

*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.

*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

## 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 315

### **Human Factors Psychology**

*Three Credits LA*

Studies the application of psychological principles to the design of human environment. Reviews the basic human capabilities for attention, perception, memory, information processing and decision making. Focuses on how these processes influence the design and use of equipment, computer software and other aspects of offices and homes.

## PSYC 317

### **Child Development**

*Three Credits LA*

Examines the physical, intellectual, emotional and social aspects in the development of the child through the early adolescent period. Priority to students in Special Education. Offered Fall and Spring.

*Prerequisite:* PSYC 101

## PSYC 321

### **Adolescence, Adulthood and Aging**

*Three Credits LA*

This course is focused on those stages of the development cycle commonly referred to as adolescence, adulthood, middle-age and senescence. Erikson's theoretical orientation of these stages will be considered in the light of current empirical data. Offered every year.

*Prerequisite:* PSYC 101

## PSYC 332

### **Fundamentals of Counseling**

*Three Credits LA*

Includes readings on history of counseling, roles of the counselor, various counseling approaches, legal and ethical aspects of counseling. Group interaction will include "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

### **Learning and Cognition**

*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*

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 con-



sidered 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 on 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*

Dual listed as ED 362.

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 tests, 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

### **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, administers and scores 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.

*Prerequisite:* 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, 402, 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 477****Capping Course/Psychological Systems***Four Credits LA*

The "capping" course explores the historical development of psychology as a science by focusing on the various schools of thought, systems, and theories that have contributed to its growth—both from within and without the discipline. Its intent is to help the student gain perspective on contemporary psychology by appreciating the problems it has confronted over the years, and its interrelationships with other disciplines. Required for all Senior Psychology Majors.

*Prerequisite:* PSYC 101, 401, 402, 403-404

**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.

### 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.

### REST 243

#### **Catholicism**

*Three Credits LA*

This course aims to help the student to understand and interpret Catholicism in an adult, scholarly, objective, non-proselytizing and therefore critical manner. Through theological readings and class discussions, it considers traditional doctrines, moral norms and topics of current interest in Roman Catholicism. And since Catholicism has a history, a heritage, and understanding, some options and a future, each of these aspects is included. 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.

*Prerequisite:* 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.

*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 431**

**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

## **RUSS 220**

### **Major Russian Writers I**

*Three Credits LA*

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*

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 is required for all Senior Russian majors. It will provide a summation of the Revolution and Development of Russian thought from Kevan-Russian state to the present. A research paper is required.

## **SCIENCE 85**

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### **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 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

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 LA*

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. Priority to Social Work Majors.

## **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; 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 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, Gouyldner, 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 108 is recommended, priority to Social Work majors.

## **SOCIAL WORK 89**

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## **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 uses systems theory, communications theory and values theory as a conceptual framework for teaching initial social work skills required for the social work process. The interaction of the social worker with the social service delivery system is explored and analyzed. Students are required to do a social service agency observation and evaluation. Offered every year.

*Prerequisite:* SOCW 230 or permission of instructor

## **SOCW 340**

### **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.

*Prerequisite:* 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.

*Prerequisite:* 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. Such knowledge is used as a foundation for the development of social work assessment skills. 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 generalist practice. 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 sen-



sitivity 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.  
*Prerequisite:* SOC 101, SOCW 230 and SOC 235

## **SOCW 477**

### **Capping Course/Senior Integrative Seminar I**

*Three Credits LA*

Students integrate concepts developed in core/liberal studies, social science courses, social work courses and field instruction. Drawing on this comprehensive theoretical and applied base, students refine, formalize and express a world view that will inform their social work practice.

*Prerequisite:* SOCW 380; open to majors only, taken concurrently with SOCW 482-483

## **SOCW 481**

### **Senior Integrative Seminar II**

Building on Senior Seminar I, in this course students focus on the ethical dilemmas in social work practice. Frameworks for understanding and analyzing ethical dilemmas will be studied.

## **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, 477 & 481

## **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.

### **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 background is necessary for the student. Offered annually.

### **SPAN 201-202**

#### **Advanced Spanish I-II**

*Three Credits each LA*

Extensive use of idiomatic Spanish in conversation and composition to broaden the student's linguistic and cul-



tural 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:* 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 before hand by mutual

consent. The internship should generally complement the student's minor. Offered every semester, intercession 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, with emphasis on the post civil war novel. Offered every two years.

*Prerequisite:* Upper level Spanish language courses or sufficient background in Spanish

#### **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 covers the 20th century and is offered every two years.

*Prerequisite:* Upper level Spanish language courses or sufficient background in Spanish

#### **SPAN 477**

##### **Capping Course**

A capping course is required for all Senior Spanish majors. It will integrate the cultural and literary dimensions using either contemporary Spanish-American literature or contemporary Spanish literature. A major paper is required.

#### **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 before hand 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.



# FINANCING YOUR EDUCATION

## STATEMENT OF FEES

(These are 1989-90 fees. Subject to change in 1990-91.)

### TUITION

*Full Time Semester* .....\$3,854.00

(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* .....\$ 220.00

(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) .....\$2,291.00

Dormitory and Cafeteria facilities are officially closed during the following periods of their respective semesters:

### Fall '89 Semester

Oct. 20–Oct. 26, 1989 — Fall Recess Weekend  
Nov. 22–Nov. 26, 1989 — Thanksgiving Weekend

### Spring '90 Semester

March 9–March 18, 1989 — Spring Recess  
April 12–April 15, 1989 — 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* .....\$ 145.00  
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 Vice President 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 Vice President 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.

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.

*Room Key Fee* .....\$ 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.

*Orientation Fee (Non-refundable)* .....\$ 40.00  
Payable by all incoming full-time freshmen and transfer students for orientation presentations and materials.

*Single Room Fee, per semester* .....\$ 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.

*Matriculation Fee (Non-refundable)* .....\$ 25.00  
This fee is payable immediately upon the student's acceptance and registration for a degree program.

*Application Fee (Non-refundable)* .....\$ 25.00

*Reacceptance Deposit (Non-refundable)* .....\$ 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.

*Registration Fee (Non-refundable)* .....\$ 10.00  
Payable each semester.

*Late Registration Fee* .....\$ 25.00  
Additional charge when a student fails to register during the designated registration period.

*Activities Fee, Full-time student* .....\$ 50.00  
Payable each semester. Refundable according to Tuition Policy.

*Activities Fee, Part-time student* .....\$ 15.00  
Payable each semester. Refundable according to Tuition Policy.

*Student Accident Insurance* .....\$ 12.00  
All full-time students are required to be covered under blanket policy. Billable each semester. (Fee dependent on contract.)

*Degree Fee* .....\$ 25.00  
Payable by all students upon completion of degree requirements.

*Advanced Placement/College Proficiency Examination Fee* .....\$ 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> .....	Free
<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> .....	\$ 15.00
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> .....	\$ 00
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 Student Accounts Office in the form of a Promissory Note. Contact the Student Accounts Office for details. Tuition and Fees on the deferred payment plan are payable according to the following schedule:

### Fall Semester

August 11

(½ Tuition and Fees, together with an approved Promissory Note due at Student Accounts Office)

\*October 13

(Balance of bill due)

### Spring Semester

January 5

(½ Tuition and Fees, together with an approved Promissory Note due at Student Accounts Office)

\*March 5

(Balance of bill due)

\*A service charge of 2% of the any unpaid balance will be added to all accounts on October 16 (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/PERKINS accounts are in arrears will not be permitted to register, and will not be awarded diplomas or issued transcripts of record.*

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 Student Accounts Office of Marist College.

### Knight Tuition Payment Plans

855 Boylston Street, Boston, Mass. 02116

### The Tuition Plan, Inc.

Concord, New Hampshire 03301

### Academic Management Services

P.O. Box 4506, East Providence, RI 02914-0506

## FINANCIAL ASSISTANCE

Students who are recipients of any type of financial scholarship or assistance must present evidence of this to the Student Accounts 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 Student Accounts Office before fee deadlines will be subject to a service charge.

The Student Accounts Office prefers payment by check. Payments must be made on or before Opening Day, either by mail or in person at the Student Accounts Office.

Requests for complete statement or charges and receipt of payments should be made in writing to the Student Accounts 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 for each category will be as follows:

### Tuition:

In the event a student withdraws from the College dur-



ing 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 Student Accounts Office accepts the date that the completed form has been received in the Registrar's Office.

Disbursement of funds must be requested through the Student Accounts 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 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 \$350)
- transportation (estimated at \$250)
- personal expenses (estimated at \$450)

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 \$1500 for the year, \$500 transportation, and \$450 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.

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.
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 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 stu-

dent'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. 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 1988 tax return and a signed photostatic copy of their parent(s) 1988 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 1988 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.

## FINANCIAL AID PHILOSOPHY AND POLICIES

1. 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.
2. 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.
3. 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.
4. The financial aid award shall be voided if and when incorrect information is revealed on either the student application, the Needs Analysis Form of Stu-



dent 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.

5. If a student is not permitted to return to Marist College, either because of grades, disciplinary reasons, or an outstanding balance with the Student Accounts Office at the beginning of an academic term, the student's financial aid award will become void.
6. 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.
7. Each aid recipient is required to sign a Statement of Educational Purpose/Registration Compliance.
8. 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.
9. Marist College awards financial aid without reference to racial or ethnic origin, sex, age, religion, marital status or disability.

## 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. 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.

New York State designated the Tuition Assistance Program (TAP) so that awards to students attending private colleges are larger than awards at public schools. In this way, the gap between the private and public schools is

lessened. Cost becomes less of a factor. TAP awards **are not** based on gross income. Instead, TAP awards **are** based on the parent's and student's New York State **Net Taxable** Income (after exemptions and deductions).

Legislation enacted in 1988 provides for the implementation of several new TAP award schedules which will be phased in during the academic years 1989-90 and 1990-91. These changes significantly increase both the net income ranges and the amounts of individual awards available. *Students entering prior to Fall 1989 are not affected by these changes. All students are advised to contact the Marist Financial Aid Office to obtain the schedule appropriate to their year of entry.*

To be eligible for TAP, a student must be 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 or complete section Q of N.Y.S. version of the F.A.F. (The application must be submitted by May 1 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. (\$350 to \$3650 for first-time applicants)
3. The amount of the 1988-89 TAP Awards varies according to the 1988 New York State net taxable in-



come 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.

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 Student Accounts 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).

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 result 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.

## **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.

## **HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP) see page 12**



## **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.

## **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**

**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.

For additional information contact: New York Department of Taxation and Finance.

## **FEDERAL AID & LOAN PROGRAMS**

### **PELL 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 com-

plete 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, 1989, (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 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 \$250 to \$2300; this range may change as a result of Federal legislation. The amount that a student will receive is based on the following factors; (2) 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 1988 income information. However, if some extraordinary circumstance occurs, a student may file a supplemental form whereon 1989 estimated income would be reported and the eligibility of the student would be computed on the basis of that year's income;
5. The grant is awarded annually until completion of the first undergraduate degree for a maximum of 5 years.
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 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 term. A student cannot receive a Pell 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 usually range from \$100 to \$2000 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 a Perkins Loan or Stafford Student Loan or owes a refund on a Pell 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 credit hours per term) and who are in need of a loan to meet their educational expenses.

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 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 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 the following rates:*

*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.

## 5. 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 Student Accounts 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 Principle 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	70.30	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	857.56	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

- (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.



6. An award letter will be mailed to new students by May 1 and to returning students by July 1.
7. 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.
8. 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 Student Accounts Office at the beginning of each term for which the award is applicable and sign for the award.
9. 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.
10. A student who is in default of a previous Perkins Loan or Stafford Student Loan or owes a refund on a Pell Grant or SEOG cannot receive a Perkins Loan.

## **COLLEGE WORK-STUDY PROGRAM (CWSP)**

Marist College administers a federally sponsored employment program during the 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 study 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 Office will provide the student on CWSP an Eligible 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. 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 Grant or SEOG cannot receive a CWSP award.

## **STAFFORD STUDENT LOAN PROGRAM (SSL) (Formerly Guaranteed Student Loan)**

The SSL 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 SSL 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 Financial Aid Office 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, co-payable to the borrower and 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 SSL 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 to the lender at the time of the disbursement of the loan check and reverts to the federal government to reduce the costs of the SSL 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 SSLP 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.
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 1988 tax return and a signed copy of their parents' 1988 tax return.

13. A student may also be required to complete a Verification Worksheet.

## **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 SSL 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.

## **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. Please be aware that funding for this loan program is limited, thus applications are processed on a "first-come, first-served" basis.



## REQUIREMENTS TO MAINTAIN FEDERAL ELIGIBILITY

The Higher Education Amendments of 1976 and 1986 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 this 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. As a result of this review, students may be placed on probation and allowed to continue at Marist College. Although the College considers the student in good standing while on academic probation, the student **may not** be eligible for federal financial assistance. Failure to earn the necessary number of credits toward degree completion **or** failure to maintain the necessary index can jeopardize a student's aid.

The following chart (effective 1988-89 academic year) breaks down by semester the minimal Satisfactory Academic Progress requirements to receive Title IV federal aid for full-time undergraduate students at Marist College:

SEMESTER

Before being certified for Title IV Funds, a	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
student must have accrued this many credits:	0	3	9	18	30	42	54	66	78	90	105
with at least this cumulative grade point average:	0	1.00	1.50	1.75	2.00*	2.00	2.00	2.00	2.00	2.00	2.00

\*Please note that each federal aid recipient must have a "C" average (2.00 cumulative grade point index) at the end of their second academic year, and must maintain this average throughout the duration of their academic program at Marist College.

Additional charts for Graduate 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 financial aid award cycle each June. Students not meeting the Satisfactory Academic Progress requirements will be notified in writing by the Director of Financial Aid. Students losing aid for the semester will be reviewed the following semester for possible aid reinstatement, providing the students achieve performance consistent with graduation requirements.

Students may appeal the aid loss by requesting a one-

time 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 include supporting documentation. The Director of Financial Aid will consult with the Director of Student Academic Advising, the Registrar and the student's faculty advisor in making a final decision.

## 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 avail-

able 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 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. Vocational 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.

## **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 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.

\*Formerly Room and Board Scholarships or Residential Scholarships



The scholarship grants are renewable each semester provided the recipient maintains the necessary cumulative index. Students must maintain an overall cumulative index of 2.5. 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 at 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 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.
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 from 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.

## HUDSON VALLEY SCHOLARSHIPS

A limited number of scholarships are offered each year to students who live locally and attend Marist College.

1. The award is given for four years of full-time undergraduate studies at Marist College. The award will automatically be 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 College. In the latter cases, the award is voided even if the student returns to Marist at a later date. New students are given their initial term at Marist as a grace period to achieve the necessary academic index.

2. Hudson Valley scholarships are based on academic merit or financial need.
3. 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.

## ADULT LEARNER SCHOLARSHIPS

The Adult Learner Scholarships are awarded annually to full-time or part-time students enrolled in the Marist College School of Adult Education. Scholarships are awarded upon the recommendation of the Executive Director of the School of Adult Education based on financial need and academic performance. Preference is given to students who do not qualify for traditional need-based aid resources.

## 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.

## BROTHER ADRIAN AUGUST MEMORIAL SCHOLARSHIP IN CHEMISTRY

The Brother Adrian August Memorial Scholarship in Chemistry recipient is selected by the Vice President for Admissions upon the recommendation of the chemistry faculty at Marist College. The scholarship is awarded on the basis of general academic merit and demonstrated ability in science to graduates of schools in which Marist Brothers teach or with which Marist Brothers have historically been associated.

## 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 Vice President of Admissions to students from the Fairview area of Poughkeepsie, or from Dutchess County.

## 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 Vice President of Admissions at Marist College.

## **GEORGE D. BERNSTEIN SCHOLARSHIP IN PRINT JOURNALISM**

The George D. Bernstein Scholarship recipient is selected by a committee of Marist's senior Communications Arts faculty. Founded in 1987, the scholarship is awarded on the basis of academic accomplishment, professional preparation and financial need. Preference will be given to journalism graduates from Dutchess Community College.

## **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 renewable scholarship.

## **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.

## **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 Vice President to students with financial need.

## **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 Vice President of Admissions and include the Associate Dean for Student Affairs, a faculty member from the Division of Natural Sciences and one other faculty member.

## **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.

## **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.

## **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 or to students who are graduates of Ulster Community College. The Vice President of Admissions and Director of Financial Aid select the scholarship recipients each year.

## **ALESKI A. LEONIDOFF SCHOLARSHIP FUND**

The Leonidoff Scholarship was established in May 1966. The scholarship is awarded annually by the Vice President of Admissions to students with demonstrated financial need who specialize in scientific or pre-medical studies.

## **MARGARET AND WILLIAM MAIR SCHOLARSHIP**

The Margaret and William Mair Scholarship recipient is selected by the Office of College Advancement and the Director of Financial Aid. Preference is given to local students. Established in 1984, the scholarship is awarded in the basis of academic achievement, community involvement and leadership potential.

## **MARIO MANFREDI III MEMORIAL SCHOLARSHIP**

The Mario Manfredi III Memorial Scholarship recipient is selected by the Vice President of Admissions and the Vice President for Academic Affairs, upon recommendation of the appropriate Westlake (N.Y.) High School personnel. The scholarship is awarded to an incoming freshman from Westlake High School on the basis of proper motivation, hard work, and the promise for success in college.

## **WILLIAM R. McENROE SCHOLARSHIP**

The William R. McEnroe Scholarship recipient is selected by the Director of Financial Aid. Established in 1987, the award is made on the basis of financial need and academic achievement. Preference is given to candidates who reside permanently in the "Southern Tier" region of New York State.

## **HAROLD AND ANN MILLER SCHOLARSHIP FUND**

The Harold and Ann Miller Scholarships are awarded to students enrolled in Marist's School of Adult Education who have completed at least two semesters of work toward their baccalaureate degree. The scholarships are awarded upon the recommendation of the Vice President for Academic Affairs and the Executive Director of the School of Adult Education, based on the students' financial need and academic achievement.



### **JOHN J. RYAN MEMORIAL SCHOLARSHIP FUND**

The John J. Ryan Memorial Scholarship is awarded annually to a Marist College student majoring in Communications Arts. The award is granted by the Academic Dean upon recommendation of the Vice President of Admissions and the Chairperson of the Communications Department. The award is made on the basis of financial need and academic merit.

### **HAROLD D. SPENCER SCHOLARSHIP**

The Harold D. Spencer Scholarship was established in 1983. The scholarship is awarded annually by the Vice President of Admissions to young men and women of Poughkeepsie, New York, and Racine, Wisconsin.

### **BROTHER PAUL STOKES MEMORIAL SCHOLARSHIP**

The Brother Paul Stokes Memorial Scholarship recipient is selected by a committee composed of Marist faculty, staff and alumni. The scholarship is awarded to an incoming freshman from a Marist Brothers' high school on the basis of academic achievement and financial need.

### **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 Vice President of Admissions to graduates of high schools where Marist Brothers are actively teaching.

### **RAYMOND WEISS SCHOLARSHIP FUND**

The Raymond Weiss Scholarship Fund was established in 1977. The scholarship is awarded upon recommendation by the Academic Vice President to a student of Puerto Rican origin or a Foreign Language major.

### **FRANCIS J. WELSH MEMORIAL SCHOLARSHIP**

Established in 1988, the Francis J. Welsh Memorial Scholarship is awarded to an incoming freshman who is a graduate of St. Mary's High School in Manhasset, N.Y. or of a Marist Brothers' high school. The scholarship is awarded on the basis of academic achievement and community service. Selection is made by the Vice President of Admissions and the Director of Financial Aid.

### **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. Campus Employment award is an allocation only, and not necessarily a guarantee of employment.
8. An award letter will be mailed to new students by May 1 and to returning students by July 15.
9. The student must return to the College a reply form indicating whether the award is accepted or declined.



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IBM Corporation  
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*Communication Systems*  
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Class of 1966**  
*Principal*  
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*Superintendent of Schools*  
Archdiocese of New York  
New York, NY

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Ketcham Motors, Inc.  
Fishkill, NY

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*Attorney, Lewis & Greer, P.C.*  
Poughkeepsie, NY

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*IBM Vice President, GPD President*  
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White Plains, NY

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Millbrook, NY

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Paine Webber Mitchell Hutchins, Inc.  
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Alex Brown & Sons  
Poughkeepsie, NY

**Frances Reese**

Hewlett, NY

**Jay P. Rolison, Jr., LL.D**

*State Senator*  
Poughkeepsie, NY

**Gary L. Smith, Class of 1963**

*Manager, Market Development*  
IBM Corporation  
Kingston, NY

**Henrietta T. Smith, Ph.D.**

*Professor of Psychology*  
Vassar College  
Poughkeepsie, NY

**John E. Tessieri, Ph.D.**

*Retired*  
Poughkeepsie, NY

**Richard K. Wager**

*Vice President Gannett East*  
*Poughkeepsie Journal*  
Poughkeepsie, NY

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**Elizabeth M. Wolf**

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Monrovia, Liberia

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*Guidance Counselor*  
Mount Saint Michael Academy  
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*Retired*  
Poughkeepsie, NY

**Ralph Connor**

*Retired*  
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**Richard Foy, Ph.D., Class of 1950**

*Senior Vice President,*  
*Finance/Administration & Treasurer*  
Boyden International  
New York, NY

**Patrick Magee, F.M.S.,  
Class of 1947**

*Director of Development*  
*& Alumni Relations*  
Mount St. Michael Academy  
Bronx, NY



# COLLEGE ADMINISTRATION

---

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*Executive Assistant to the President*  
Harriet St. Germaine  
*Administrative Aide to the President*

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*Executive Vice President*  
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*Director of Institutional Research*  
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*Construction Consultant*

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*Assistant Academic Vice President/  
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*Executive Assistant to the Vice President  
for Academic Affairs*  
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*M.P.A. Program Director*  
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and Math Program*  
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Jeptha Lanning, Ph.D.  
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*Program Assistant Coordinator of  
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*Program Assistant of Core/Liberal Studies Program*  
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*Assistant Registrar*  
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*Assistant Registrar*  
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*Assistant Registrar*  
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*Bibliographic Instruction Librarian*

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*Coordinator of Adult Education,  
 Academic Advisor/Coordinator of Student Services*

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*Green Haven Counselor*

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*Asst. Director of Safety and Security*

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*Patrol Supervisor/Investigator*

Dennis E. Costas

*Patrol Supervisor*

Dennis McConologue

*Patrol Supervisor*

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*Administrator*

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*Applications Programmer*

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*Applications Programmer*

MaryAnn Ponte

*Applications Programmer*

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*Systems Programmer*

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*Systems Programmer*

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*Information Center Manager*

John Pollack

*Manager, College Postal Services*

Al Doscher

*Copy Center Manager*

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*Bookstore Manager*

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*Comptroller*

Thomas Lanspery

*Purchasing Agent*

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*College Advancement*

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*Director of Corporate and Foundation Relations*

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*Associate Director, Marist Institute of Public Opinion*

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*Assistant Dean of Student Affairs*  
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 Assistant Director of Intramurals,  
 Director for Little Peoples Summer Workshop*  
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*Chaplain*  
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*Assistant Campus Minister*  
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 Yvonne Poley, M.A.  
*Counselor*  
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*Assistant to Athletic Director*  
 Elsie Mula, B.S.  
*Assistant to Athletic Director*  
 Larry Davis, M.Ed.  
*Crew Coach/Business Manager*



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*Sports Information Director*

David Magarity, B.S.  
*Head Men's Basketball Coach*

Bogdan Jovicic, B.A.  
*Assistant Men's Basketball Coach*

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*Assistant Men's Basketball Coach*

Tim Murray, B.S.  
*Assistant Men's Basketball Coach*

Aileen Polanis, B.S.  
*Academic Advisor*

Ken Babineau, B.S.  
*Head Women's Basketball Coach*

Richard Pardy, M.A.  
*Head Football Coach*

Maryanne Ceriello, B.S.Ed.  
*Head Cross Country Coach*

Glenn Marinelli, M.Ed.  
*Athletic Trainer*

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*Aquatic Director*

Howard Goldman, P.E.D.  
*Head Soccer Coach*

# FACULTY

**Donald Anderson, 1984**  
Assistant Professor of English  
B.A., Hartwick College  
M.A., Ph.D., University of Arizona

**Mulugeta Assefa, 1988**  
Assistant Professor of Biology  
B.S., Haile Selassie I University, Ethiopia  
M.S., Univ. of Wisconsin-Madison, Wisconsin  
Ph.D., Univ. of Wisconsin-Madison, Wisconsin

**Dr. Richard Atkins, 1986**  
Professor of History  
Chair, Division of Humanities  
B.S., Michigan State University  
M.A., University of California, Berkeley  
Ph.D., University of California, Berkeley

**Roscoe Balch, 1961**  
Professor of History  
B.B.A., Seattle University  
M.A., University of Washington  
Ph.D., University of Washington

**Joseph L. Belanger, F.M.S., 1959**  
Professor of French  
B.A., Marist College  
M.A., St. John's University  
M.A., Middlebury College  
Ph.D., New York University

**Getachew Belayneh, 1988**  
Associate Professor of Economics  
B.S., Central State College  
M.S., Southern Illinois University  
Ph.D., University of Utah

**Italo Benin, 1967**  
Associate Professor of Philosophy  
B.A., Lateran University  
Ph.D., Lateran University

**Eugene C. Best, 1971**  
Associate Professor of Religious Studies  
B.A., St. Mary's College  
M.A., Case Western Reserve University  
Ph.D., Gregorian University

**Joseph S. Bettencourt, Jr., 1965**  
Associate Professor of Biology  
A.B., Suffolk University  
M.S., University of New Hampshire  
Ph.D., University of New Hampshire

**Maurice Bibeau, 1964**  
Assistant Professor of Spanish  
B.A., Marist College  
M.A., St. John's University

**Peg Elizabeth Birmingham, 1985**  
Assistant Professor of Philosophy  
B.A., University of Wisconsin  
M.A., Duquesne University  
Ph.D., Duquesne University

**Marian Bohen, 1988**  
Visiting Assistant Professor of Religious Studies  
B.A., College of New Rochelle  
M.S.S., Pontifical Institute in Rome  
Ph.D., Catholic University of America

**Mary Louise Bopp, 1988**  
Assistant Professor of Communication  
B.S., Drexel University  
M.S., Hunter College  
M.E., Columbia University  
Ed.D., Columbia University

**Leo J. Bostar, 1988**  
Assistant Professor of Philosophy  
B.A., Drew University  
M.A., New School for Social Research  
Ph.D., New School for Social Research

**John G. Breen, 1971**  
Assistant Professor of Sociology  
B.A., Yale University  
M.A., Columbia Teachers College  
Ph.D., Union College

**Donald J. Calista, 1977**  
Associate Professor of Public Administration/  
Director M.P.A. Program  
B.A., Brooklyn College  
M.A., City University  
M.A., Washington University  
M.P.A., State University at Albany  
Ed.D., University of Sarasota

**Margaret Calista, 1980**  
Assistant Professor of Social Work  
B.A., Cedar Crest College  
M.S.W., Fordham University

**Joseph Canale, 1984**  
Assistant Professor of Psychology  
B.A., Marist College  
Ed.D., University of Tennessee

**Kevin J. Carolan, 1962**  
Associate Professor of Mathematics  
B.A., Marist College  
M.S., St. John's University

**Irma Blanco Casey, 1979**  
Assistant Professor of Spanish  
B.A., University of Puerto Rico  
M.S., The State University at Albany

**Janice A. Casey, 1977**  
Assistant Professor of English  
B.A., Wellesley College  
M.Ed., Boston College

**Thomas W. Casey, 1963**  
Assistant Professor of Philosophy  
B.A., Oblate Seminary  
M.A., Fordham University

**Philip H. Chase, 1976**  
Associate Professor of Business  
A.B., Dartmouth College  
M.A., University of Colorado (Boulder)  
Ph.D., University of Colorado (Boulder)

**Douglas Cole, 1986**  
Instructor of Communication  
Empire State College

**Gary D. Comstock, 1988**  
Visiting Instructor of Philosophy  
B.A., Bowdoin College  
M.Div., Bangor Theological Seminary

**Linda E. Cool, 1987**  
Associate Professor of Anthropology  
B.A., Bryn Mawr College  
Ph.D., Duke University

**Gerard A. Cox, 1967**  
Assistant Professor of Communication  
B.A., Marist College  
M.A., Hunter College

**Thomas Fortson Darby, 1988**  
Instructor of Fashion Design  
B.F.A., University of Georgia

**Ann Davis, 1986**  
Assistant Professor of Economics  
B.A., Barnard College  
M.A., Northeastern University  
Ph.D., Boston College

**DorothyAnn Davis, 1984**  
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