



# MARIST

C O L L E G E

UNDERGRADUATE  
PROGRAMS

1993 ♦ 1995

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PROGRAMS

1993 ♦ 1995

# COMMUNICATION WITH THE COLLEGE

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## **MAILING ADDRESS:**

MARIST COLLEGE  
Poughkeepsie, New York 12601-1387

## **TELEPHONE NUMBER:**

575-3000  
Area Code 914

*Individual inquiries should be addressed to the following:*

## **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 Aid Director*  
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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*  
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*Registrar*  
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*Director of College Activities*

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*Executive Director, School of Adult Education*  
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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 1993-95

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## FALL 1993

### September

5	Sunday	Freshmen arrive on campus according to schedule.
6	Monday	New transfer students arrive according to schedule. Returning <u>resident students</u> arrive on campus according to schedule.
7	Tuesday	Day & Evening Classes begin; Late Registration
7-13	Tuesday-Monday	Course Change Period
8	Wednesday	Student Convocation during Activity Hour
13	Monday	Last date for course changes
		Half tuition refund after this date
20	Monday	No tuition refund after this date

### October

13	Wednesday	P/NC Option due
15-21	Friday-Thursday	Midterm exam week
21	Thursday	Residence Halls close at 6:30 p.m.
22-24	Friday-Sunday	Mid-semester break
24	Sunday	Residence Halls reopen on Sunday at noon
25	Monday	Midterm grades due by 10:00 a.m.

### November

5	Friday	Undergraduate graduation applications due in Registrar's Office for 1/94 & 5/94 candidates
10	Wednesday	Last date for dropping course without penalty of WF grade
24	Wednesday	Day classes held; No Evening classes
		Residence Halls close at 6:30 p.m.
25-28	Thursday-Sunday	Thanksgiving Holiday; No classes held
28	Sunday	Residence Halls reopen on Sunday at noon.
29	Monday	Classes resume

### December

14	Tuesday	Last day of Fall 1993 classes
15	Wednesday	READING DAY
16-22	Thursday-Wednesday	Final Exams; Finals for Wednesday Evening classes will be held on December 15; Saturday Exams will be scheduled.
22	Wednesday	Residence Halls close at 6:30 p.m.
27	Monday	Final grades due by 10:00 a.m.

# **WINTER INTERSESSION 1994**

## **January**

3	Monday	Day & Evening classes begin
13	Thursday	Faculty Retreat
17	Monday	Holiday
19	Wednesday	Last day of classes
24	Monday	Final grades for Winter Session due by noon.

# **SPRING 1994**

## **January**

19	Wednesday	Residence Halls open at noon.
20	Thursday	Spring Semester begins; Day & Evening classes held.
20-26	Thursday-Wednesday	Course Change Period
26	Wednesday	Last date for course changes; Half tuition refund after this date; Last date for incompletes & grade changes for Fall 1993.

## **February**

9	Wednesday	No tuition refund after this date
25	Friday	Deadlines for grade changes & resolving incompletes for Winter '94; Last day for reporting P/NC option

## **March**

7-12	Monday-Saturday	Midterm exam week
11	Friday	Residence Halls close at 6:30 p.m.
12-20	Saturday-Sunday	Mid-Semester break
15	Tuesday	Midterm grades due by 10:00 a.m.
20	Sunday	Residences open at noon.
21	Monday	Classes resume
25	Friday	Last day of dropping courses without penalty of WF.
31	Thursday	Day classes held; No evening classes Residence halls close at 6:30 p.m.

## **April**

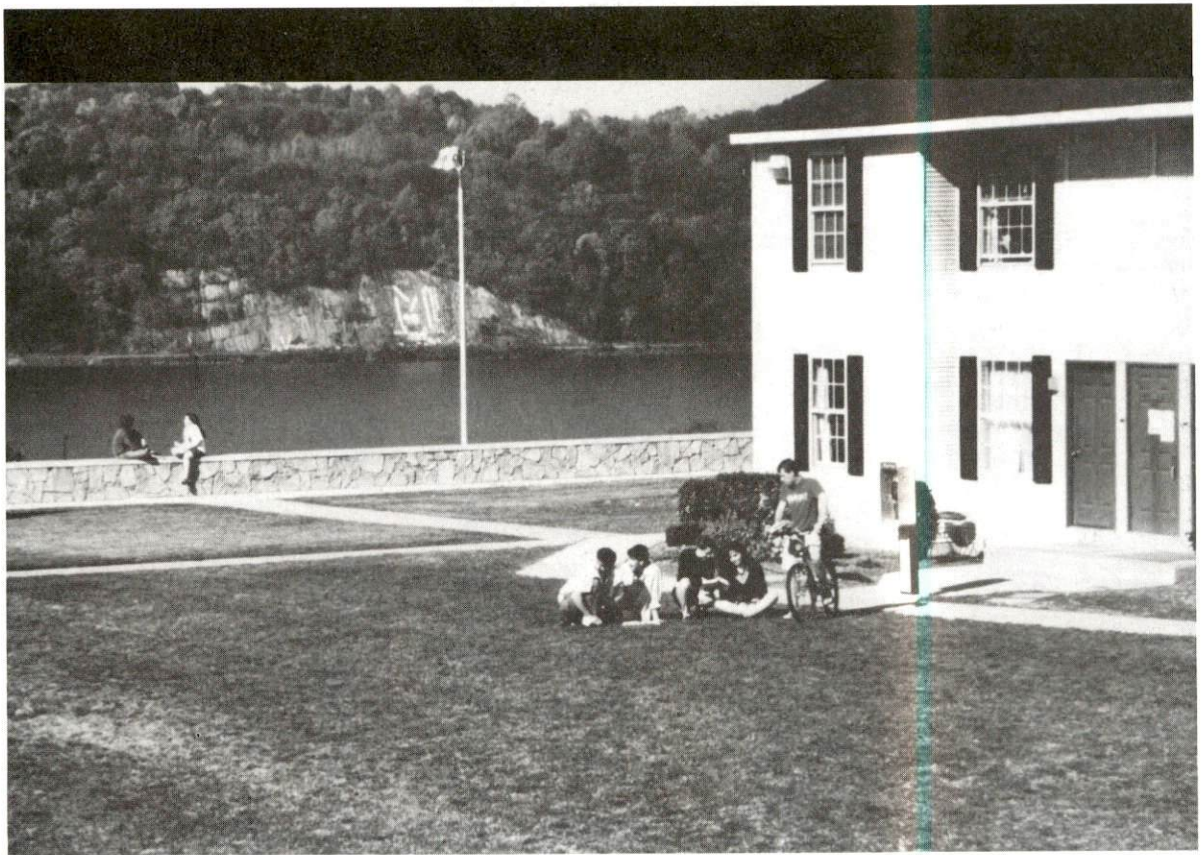
1-3	Friday-Sunday	Easter observance; no classes held
4	Monday	No Day classes held; Classes resume with Evening classes. Residence Halls reopen at noon.

## **May**

4	Monday	Last day of Classes
5	Thursday	READING DAY
6-12	Friday-Thursday	Final Exam Period; Saturday exams will be scheduled
13	Friday	Senior Final grades due by 10:00 a.m.
21	Saturday	FORTY-EIGHTH COMMENCEMENT
24	Tuesday	Final grades due by noon

## **June**

17	Friday	Last date for grade changes and resolving incompletes for Spring 1994
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## THE MISSION STATEMENT OF MARIST COLLEGE

Marist College, founded by the Marist Brothers, a congregation of Catholic teaching brothers, stands out from other colleges and universities because of the unique combination of its history, people, philosophy, information technology, and location.

Now an independent, liberal arts college, Marist is ecumenical in character, reflecting the ideals of the founder of the Marist Brothers, Father Marcellin Champagnat. These ideals include commitment to excellence in education, a pursuit of higher human values, and dedication to the principle of service.

The Marist ideal of excellence in education implies the cultivation of a free and enlightened mind through the discipline of scholarly study and dialogue. The College seeks to explore ways in which academic excellence may be enhanced by state-of-the-art information and communications technology. While broadening intellectual horizons and developing skill, Marist at the same time provides opportunities, through its undergraduate and graduate programs, for career preparation and for entry into the world of work.

# INTRODUCTION TO MARIST

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 3,100 full-time undergraduate students.

Marist awards Bachelor of Arts degrees in 15 majors, Bachelor of Science degrees in ten majors and a Bachelor of Professional Studies in one major. An important 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 with majors in Software Development and Information Systems, Psychology, School Psychology, Educational Psychology, and Public Administration.

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 prepare 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 140,000 volumes, 1,500 professional, cultural and educational periodicals, including more than 500 stored electronically at two CD ROM work stations, and over 3,000 videocassettes. The library maintains several notable special collections: the Weininger Collection of Judaic Studies, the Lowell Thomas Collection featuring valuable material on broadcasting and exploration, the Rick Whitesell Collection of rhythm and blues recordings and publications, the Hudson Valley Regional Studies collection containing primary and secondary source materials pertaining to the history of the Mid-Hudson Valley, and the Richard W. Barnett Collection of the Hudson River Environmental Society, a comprehensive collection of research reports and documents on the ecology and resource management of the Hudson River.

Campus life encompasses a wide range of interests and talents. The student-administered Student Programming Council annually presents a full schedule of films, lectures, 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 Association represents the student body and serves as a decision-making

group. Students engage in many activities, including drama, music, publications and volunteer programs. Numerous intramural and varsity sports are offered, including crew activities 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 or Albany by railroad, bus or car. The Poughkeepsie railroad station, less than a five-minute drive from Marist, is served by the Metro North Railroad and Amtrak. The Dutchess County Airport is in nearby Wappingers Falls, and Stewart International Airport is located in Newburgh, which is approximately one-half hour from the College.

## HISTORY

The history of Marist College begins in 1905 when the Marist Brothers, members of the religious teaching order founded in France 90 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 of the congregation's schools.

Under the leadership of its founding President, Brother Paul Ambrose Fontaine, Marian College and the Marist Brothers embarked on an extensive building program. This continued under Dr. 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 also 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, 12 major buildings were constructed. The manual labor was provided by the Brothers themselves for the original gymnasium, Donnelly Hall, Fontaine Hall, Adrian Hall and Our Lady Seat of Wisdom Chapel. Throughout this period, the Brothers continued to teach, at the College and elsewhere, and volunteered their labor on weekends and holidays to supplement the work

of student Brothers. It was an inspiring example of dedication to common goals.

Women were invited to enter the evening division in 1966 for the first time. In 1968, they entered the day division and the College became fully coeducational. 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 '70s, 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, the College began a cooperative program with area secondary schools, in which selected high school seniors take freshman courses and "bridge" into college. In Fall, 1974, the College expanded its commitment to continuing education by increasing course offerings in the evening division and summer session and, in 1984, opened an off-campus extension center in Fishkill.

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.

### CONTINUED GROWTH

With the naming of Dr. Dennis J. Murray in 1979 to the College presidency, Marist entered the '80s as a vital coeducational liberal arts institution holding fast to the timeless values of its rich heritage while embracing advanced technology in the service of education. Another period of significant growth and development began.

In 1981, Marist College became the recipient of a second \$1 million federal grant from the U.S. Department of Education for academic development. In 1982, Marist received another Title III grant, this time in the amount of \$4 million for program planning and development.

Townhouses for upperclass students were completed in the Fall of 1982. To accommodate its growing student population, Marist dramatically renovated its original gymnasium in 1983 to create a new freshman residence for 140 students; it was named Marian Hall. In 1984, the College received \$2.5 million in equipment and almost \$2 million in software from the IBM Corporation 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 garden apartment complex houses upperclass students, and feature an exceptional view of the Hudson River.

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. The Center is named in honor of the legendary broadcaster and explorer who received an honorary degree from Marist in 1981.

Champagnat Hall, the College's largest residence hall, was renovated in 1988 to increase the energy efficiency of the building and update its appearance. The renovation also provided for telephone service to all rooms and prepared for the networking of the residence to the mainframe as part of the Marist-IBM Joint Study.

The opening of the Margaret M. and Charles H. Dyson Center in 1990 marked the completion of the College's most ambitious construction effort to that date. The 53,000-square-foot facility features computer and telecommunications capabilities unmatched at most institutions.

Donnelly Hall, one of the original classroom buildings on the Marist campus, underwent an \$8 million renovation, completed in 1991, to offer modern classrooms and science laboratories, as well as new offices providing student services. The Marist Computer Center is housed in Donnelly Hall.

### THE IBM/MARIST JOINT STUDY

Marist College is a partner with the IBM Corporation in a \$16 million joint study that has placed Marist among the most technologically advanced liberal arts colleges in the country. The study has given IBM an opportunity to test concepts and applications that the company believes can be of value in the 21st Century in education, business, and other fields; and it has given Marist the opportunity to put advanced computer and telecommunications technology to work in support of instructional, research and administrative goals.

The introduction of computers and computer science courses at Marist began in the mid-1960s, a time when few colleges the size of Marist had moved into this field. From the start, the approach has been that computers are a functional tool for everyone at Marist as well as a scientific discipline to be mastered by those in the computer science department. Computer technology took a large step forward at Marist in 1984, when IBM donated \$4.5 million in equipment and software to the College.

The IBM/Marist joint study began in 1988 with delivery of a \$10 million IBM 3090 mainframe computer to Donnelly Hall. The 3090 gives Marist a level of comput-

ing power ordinarily associated with large research universities and Fortune 500 companies. In the years since then, \$6 million more has been invested — half by IBM, half by Marist — in the software, hardware and fiber optic cabling and switches that now link all parts of the campus in an integrated voice and data telecommunications system. The system reaches into every residence hall and every student room on campus, every faculty and administrative office, the library, and every classroom building on campus. The system uses a ROLM Systems switch, ROLM PhoneMail, and IBM Token-Ring local area networks.

Campus-wide connectivity means a round-the-clock access to E-Mail, PhoneMail, the mainframe computer, the library, and a variety of database services. International networks, such as Bitnet and Internet, and satellite technology all link Marist students, faculty, and administrators with the world. In Marist classrooms and laboratories, instruction and research have taken on the look of the 21st Century.

## 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 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, marital status, or sexual orientation.

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, marital status or sexual orientation.

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.

Marist College does not tolerate sexual harassment in its many forms. Students and employees who believe that they have been subjected to sexually based behavior or proposals should contact the Office of Human Resources, or the Dean of Student Affairs.

For assistance in any of these areas contact the Office of Human Resources, Marist College, Poughkeepsie, NY 12601; telephone (914) 575-3000.

## CAMPUS

Marist's 120-acre campus contains 26 buildings including six student residences and three major classroom buildings, library facilities, a student center, a chapel, student townhouses, and two garden apartment complexes for upperclass students. Marist's academic facilities are modern and incorporate computer technology as part of the learning experience.

Additional housing for approximately 470 students is planned to be completed by the Fall of 1994, with the opening of several townhouses and a mid-rise residence adjacent to a newly expanded Student Center. The plan includes major renovation and expansion of dining, recreational, and other facilities in the Student Center, as well as the relocation of the parking fields to make way for a major new campus green. Largest and most ambitious construction project in the history of Marist College, the plan includes 203,000 square feet of new or renovated interior space and is to cost \$27 million.

## 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 135,000 monograph and serial volumes, receives over 1,500 current periodical titles, and offers a particularly strong collection of over 22,000 units of audiovisual material.

The Library utilizes the latest computer technology to access the collections and to supplement the material holdings. The DOBIS on-line integrated computer system provides enhanced searching capability to quickly locate specific titles in our collection and to determine the availability status of each title. Students also search a comprehensive array of 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, WALDO, a consortium of NYC metropolitan area academic libraries, and the Southeastern 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 academic support 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, 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 or drop-in 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

Named in honor of the legendary broadcaster, the Lowell Thomas Communications Center houses Marist's Communications and Computer Science divisions. 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 which enables them 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's remarkable career as a pioneering broadcaster, world-famous explorer, author, filmmaker, and co-founder of Capital Cities Communications. The gallery also includes a bronze bust of Lowell Thomas by sculptor Phil Krazkowski.

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.

Lowell Thomas's memory and ideals are perpetuated

through the annual Marist College Lowell Thomas Award, which was instituted in 1983. Award recipients are listed on a permanent plaque in the Lowell Thomas Gallery at Marist, and include Eric Severeid, Walter Cronkite, Douglas Edwards, John Chancellor, Howard K. Smith, Harry Reasoner, David Brinkley, Barbara Walters, and Charles Kuralt. To mark the 100th anniversary in 1992 of Lowell Thomas's birth, special Centennial awards were given to Fred W. Friendly, Don Hewitt, Dallas Townsend, and Thomas J. Watson, Jr.

## THE MARGARET M. AND CHARLES H. DYSON CENTER

The Dyson Center, completed in time for the 1990-91 school year, was the College's most ambitious construction effort to that date. The three-story, 53,000-square-foot structure includes 21 classroom, 55 faculty offices, and eight seminar rooms, all linked through fiber optic cabling to Marist's campus-wide telecommunications network. Computer-based simulations and computer-assisted group learning and problem-solving techniques have been incorporated in much of the Dyson Center routine. The Dyson Center houses the Management Studies Division, the Social and Behavioral Science Division, the Graduate Center of Public Policy and Administration, and the Marist Bureau of Economic Research, and is used for the undergraduate and graduate instruction in all academic disciplines. It also houses a variety of adult and continuing education programs. The Dyson Center is named in honor of businessman and philanthropist Charles H. Dyson, who received an honorary degree from Marist in 1986, and his late wife, Margaret.

## DONNELLY HALL

Donnelly Hall, a landmark academic and administrative building that underwent an \$8 million renovation in 1989-91, houses a new and expanded science center, the computer center, classrooms, lecture halls, the fine arts department and the fashion program, and a variety of student services and administrative offices.

The renovations included a substantial expansion in space and equipment for the Division of Science. The number of laboratories was increased from six to 13 for instruction in biology, physics, chemistry, medical technology, botany, and environmental science.

Marist's is the only medical technology program in the Hudson Valley between New York City and Albany. The program's facilities are the equivalent of a hospital laboratory. In the physics laboratory, computers, lasers, and ultrasound systems give students more and better data than they could gather by their own observation, freeing them to analyze the data and learn physics. Geographic information systems (GIS) techniques are

taught in an environmental science course. A two-story greenhouse provides an important resource for the Science Division as well as a beautiful feature of the building.

Student support services previously scattered in several locations have been clustered in Donnelly Hall in a "one-stop" arrangement that includes student financial aid, the business office, the registrar, academic advisors, and career counselors.

## COMPUTER CENTER

The Computer Center is located in Donnelly Hall, Room 258. The Computer Center staff is available from 8:30 a.m. to 5:00 p.m., Monday through Friday. The mainframe system is available Monday through Friday 8:00 a.m. to midnight. The system is also available unattended throughout the weekend. Call the Status Phone, 575-3240 or ext. 3240, for variations from this schedule.

Students have access to 80 terminals in several locations on campus. Donnelly 258 is dedicated for drop-in use while Donnelly 256 is available for drop-in use when not being used for class instruction and Marian Hall 102 is available until 6:00 p.m. for drop-in use.

Faculty may reserve terminal rooms, DN256 and Marian Hall 102 by contacting the Registrar's Office.

Personal Computer labs are located in Donnelly, Lowell Thomas and Dyson. Personal computers are available 24 hours in Donnelly 258. Lowell Thomas 126 is available for drop-in use when not being used for class instruction. The PC Support Center, located in Donnelly 258 is an advanced lab for experimentation with different types of software and hardware. PC Support Center hours are posted in Donnelly.

Reservations for Dyson 303, Lowell Thomas 126, and Lowell Thomas 211 can be made by contacting the Registrar's Office at ext. 3250 or 575-3250.

Faculty have access to terminals and PCs located in their divisional areas. In addition, portable PCs are available for faculty to check out for use at home for short periods. Dial-up phone numbers are also available for faculty. These numbers allow users to work on the mainframe from their home. Refer to the Academic Computing Guide for further details.

The College's mainframe system is an IBM 3090-200E computer with MUSIC, CMS, and MVS operating systems. All members of the Marist community are eligible for a MUSICB account. Accounts for CMS are available to faculty, staff and administrators for the duration of their employ. There are many programming languages, including VSAPL, BASIC subset, FORTRAN, PASCAL, COBOL, PL/I, and ASSEMBLER. There are also a variety of applications such as SPSS, STATPAK and SAS for statistical manipulation and Waterloo Script for word processing.

For more information about the Computer Center services refer to the Information Center Academic Computing Guide. It is mailed to each faculty member. Additional copies are available at the Help Desk in Donnelly. Also, free copies of the bimonthly newsletter, Bits and PCs, is mailed to all faculty and staff. Direct questions regarding Information Services to the Help Desk at ext. 4357 or 575-4357.

## ACADEMIC COMPUTING

The Department of Academic Computing provides faculty with support and resources to develop and modify curricula to incorporate computing applications. In this way, the College strives to expose students to the uses of technology in their fields of study. Academic Computing maintains a Faculty Computing Development Center in the Lowell Thomas Communications Center with personal computer and mainframe computing hardware and software. In addition, Academic Computing conducts faculty computing workshops and seminars, develops documentation, and provides support to students and faculty through the Computing Lab Assistant staff.

## ATHLETIC FACILITIES

The Marist Campus offers a variety of athletic facilities to support an extensive intramural program and intercollegiate athletic competition. On the north end of campus, bordering the Hudson River, are eight acres that have been developed for athletic and recreational use through the generosity of the James J. McCann Foundation. Included are men's baseball and women's softball diamonds. The campus also offers a boat house and waterfront facilities for crew activities and sailing. Leonidoff Field is used for varsity soccer, lacrosse and football games.

At the south end of the campus is the James J. McCann Recreation Center, which received major funding support from the James J. McCann Foundation. By design, the Center is one of the most versatile facilities of its kind in the Mid-Hudson Region. Special 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 can provide three basketball courts and is surrounded by a four-lane running track. The main court for NCAA Division I play features a handsome wooden floor; seating capacity for games is 3,900.

In addition, the facility includes a six-station rowing tank for crew practice, weight room, dance studio, and four handball/raquetball courts. Other areas of the complex contain locker rooms for men and women, a press box, classrooms, faculty/staff offices, and a lobby/exhibit area.

Also at the south end of the campus is the McCann Baseball Field, developed in 1992 with financial support

from the James J. McCann Foundation. The field, regarded as one of the finest baseball facilities in the Northeast, is used for Division I intercollegiate competition.

## 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

### 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. From time to time, we also place especially well qualified history interns at the Library.

From time to time since 1965, we have sponsored Roosevelt symposia to examine important events, etc. 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 coursework, seminars and internships, a major aspect of the Marist College Institute for Public Opinion is its program in government research, including analysis of voting behavior and political campaigns. MIPO has conducted extensive surveys on national, state and local elections, identifying issues facing the electorate.

MIPO has been covered by *Time*, *Newsweek*, *Business Week*, "Good Morning America", "The Today Show", C.N.N., and by the Associated Press International wire service, ABC, CBS, NBC, and PBS radio and television news in New York, *New York Times*, *The Wall Street Journal*, *The Washington Post* and other major newspapers throughout the nation.

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

### GRADUATE STUDY

For over two decades Marist College has provided individuals with the opportunity to make great strides in their professional development via graduate study. Marist's graduate programs in Business Administration, Public Administration, Computer Science, Psychology, Educational Psychology and School Psychology are designed to offer students a strong mix of basic theory and practical application. Convenient class schedules enable both full and part-time graduate students to choose from a wide selection of courses offered during fall, spring and summer sessions.

The Master of Business Administration program provides 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 Master of Public Administration program is designed to educate leaders and managers of public, non-profit and healthcare institutions. Pre-service students are provided with the necessary skills and knowledge to begin their career, while in-service professionals are trained to assume positions of ever increasing responsibility with an emphasis on jobs with managerial and administrative duties.

The Master of Science in Computer Science is offered in Information Systems and Software Development. The program in Software Development, through the blending of concepts, theory and practice, and also the use of state-of-the-art facilities, prepares people to function in a dynamically changing environment for industry, government or higher 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. Both programs provide students with a strong foundation for doctoral level study.

The Master of Arts in Psychology carries an emphasis in counseling/community psychology. There is a stress on life-span development throughout the curriculum. The curriculum includes theory and research, as well as required experience in the community.

The M.A. in Educational Psychology has been designed for provisionally certified teachers and others who are interested in significant issues currently associated with teaching in a culturally diverse society. The degree may be used by N.Y. State provisionally certified teachers who are in need of a functionally related master's degree to complete the requirements for their permanent certification.

The M.A. and Advanced Certificate programs in School Psychology focus on instruction in theory and skills associated with five roles regularly encountered by a school psychologist: facilitator in understanding human behavior; counselor; psychological and educational examiner; consultant; information specialist/intervention strategist. The programs lead to N.Y. State provisional certification in school psychology.

To obtain a Graduate Programs Catalog, please contact the Office of Graduate Admissions at (914) 575-3530.

### HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP)

The Higher Education Opportunity Program is a comprehensive academic support services program designed for New York State residents who have not had educational opportunities which prepared them for college and who are also economically disadvantaged,

meeting the income guidelines established by the Board of Regents.

HEOP students receive a broad range of innovative support services, including participation in a 6-week prefreshman summer program, academic, personal, and career counseling, individual and small group tutoring, leadership training, and student development workshops.

The HEOP program is jointly sponsored by the College and The New York State Higher Education Opportunity Program. Students are admitted without regard to age, race, or creed.

Applications are welcomed from anyone who:

1. Has been a New York State resident for at least one year before entry into HEOP.
2. Has a high school diploma or a State-approved equivalency diploma.
3. Is inadmissible according to Marist's regular admissions criteria.
4. Has the potential and motivation for successfully completing college.
5. Meets the economic guidelines established by the State of New York Board of Regents.
6. Has been in an approved opportunity program (if a transfer student).

For further information, please contact the HEOP office.

## MARIST ABROAD PROGRAMS

Marist College encourages and assists qualified students who wish to spend their sophomore, junior, or senior year studying in a university overseas, provided the experience is deemed to be academically challenging and beneficial. Working in conjunction with Marist Abroad administrators, students are individually enrolled in universities throughout Europe, Africa, Australia, Latin and Central America, and the Far East.

All students considering study abroad should contact the Marist Abroad Coordinator as early as possible in their academic careers to obtain further information and assistance. Inquiries should be addressed to the Coordinator, Marist Abroad Program, Donnelly 217. These programs are limited to Marist College students.

## 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,

Dr. Joseph Bettencourt, 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 PreHealth 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 preprofessional 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 prelaw 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 bookkeeping) 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, Notre Dame University and Yale. 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 302, ext. 2312

S.F. Myers; Fontaine 305, ext. 2167

C. Rider; Dyson 309, ext. 2909

J.G. White; Fontaine 304, ext. 2403

L.C. Zuccarello; Fontaine 307, ext. 2214

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

## SCHOOL-COLLEGE PROGRAMS

School-College Programs have been the focal point of articulation between local high schools and Marist since 1973, when the College developed its first "bridge" program. Marist currently has four bridge programs with local high schools allowing qualified 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, undertake part of their course work at the high school and come to the College campus for the remainder of their program.

Marist also has developed a School-College program that 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 academic 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 stage 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/ELEMENTARY EDUCATION

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.

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

## VISITING STUDENT PROGRAM

A student attending a college or university in New York State may be eligible to study at another institution of his or her choice in the State. Over 50 colleges and universities in New York State participate in the Visiting Student Program. Collectively, these schools represent an extraordinarily rich educational resource. To qualify for the Visiting Student Program, a matriculated student at Marist must have a cumulative index of at least 2.5. Applications are available from the 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 should 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, credit courses scheduled at both graduate and undergraduate levels, business seminars and non-credit courses. The telephone number for the Fishkill Center is (914) 897-9648.

**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 (914) 575-3800.

**The Integrative Major** is a degree program for adults who prefer more flexibility in program design than is found in traditional majors. (See p. 99 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 16 for more information.

**Marist Alumni/Senior Citizens** may audit any undergraduate 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 (914) 575-3800.

**Center for Lifetime Study** is a membership run educational organization for men and women of retirement age. Programs include non-credit courses, trips, special events and social activities.

**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 (914) 575-3800.

## 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.

## UPWARD BOUND PROGRAM

Upward Bound is a federally funded program that has been at Marist College for over 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.

## LIBERTY PARTNERSHIP PROGRAM

The purpose of this government funded program is to provide "at risk" elementary school students with a broad range of services designed to increase their motivation and ability. By program design, students are supported so that secondary and post-secondary education and ultimately, meaningful employment become realities in their lives.

## C-STEP (Collegiate Science and Technology Entry Program)

The purpose of C-STEP is to increase the enrollment and/or retention of underrepresented minority and/or economically disadvantaged undergraduate and graduate students majoring in certain professions.

## INSTITUTIONAL AID PROGRAMS

Marist College has been awarded more than \$3 million from the U.S. Department of Education. These funds have been used to develop master's degree programs in computer science, both in software development and information 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 and Business.

**Downstate Program** - enrolls students in fully accredited college level courses leading to a Certificate in Criminal Justice, Paralegal Studies and/or a Baccalaureate degree in Integrative majors.

**Marist Fishkill/HEOP** - partially supported by a grant from the State Education Department, this program enrolls students in fully accredited college level courses leading to a Certificate in Criminal 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.

**Danbury 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.

**Job Corps/Division for Youth** - 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 and Greenhaven Programs.

**Sullivan College Program** - enrolls students in fully accredited college level courses leading to a Baccalaureate degree in Business.



## 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 related to the development of the total individual. The strength of the activities program rests in the fact that it affords outlets for creative self-expression in diversified interest areas and settings for a maximum number of students.

### ATHLETICS

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

Marist offers a comprehensive intercollegiate athletic program. Men's varsity teams are offered in football, soccer, cross country, baseball, basketball, swimming and diving, crew, track and field, tennis and lacrosse. Women's varsity teams are offered in volleyball, tennis,

cross country, softball, basketball, track and field, crew and swimming and diving. All of the varsity teams participate at the NCAA Division I level.

Club sports under the direction of the Athletic Department are ice hockey, skiing, rugby and cheerleading. Also, offered are men's volleyball and wrestling, and women's soccer, racquetball and equestrian.

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 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 students.

### **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 the size of the resident population, but also in the educational experience which takes place therein. During the 1990 fall semester, 73% of the full-time undergraduates at the College resided in College housing which was provided both on and off campus.

The buildings used for on-campus housing vary in size

and character from the Gartland Commons housing six students per apartment to the College's cluster houses holding 34 students each to the expansiveness of the largest of the College's high rise facilities which can accommodate more than 450 students.

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

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

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

### **THE FRESHMAN PROGRAM**

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

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

### **RESIDENT STUDENT COUNCIL**

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

## 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 listing 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.

## STUDENT GOVERNMENT

The Student Government Association (SGA) is responsible for the student governance at Marist College. SGA strives to maintain a positive working relationship with all groups and members within the college community. This is performed through the clear articulation of student concerns, issues, and priorities.

The responsibilities of the SGA are:

1. Representing the student voice by making decisions which affect the entire campus or any one student group or organization.
2. Communicating information from students to the administration and from the administration to the students.
3. To grant or remove charters of clubs and organizations, and for ensuring they follow their purpose.
4. Appointing students to positions on the Executive Board, Judicial Board, and to campus-wide committees.
5. Appointing, guiding, and directing the Financial Board, which in turn appropriates funds from the Student Activity Fee to clubs and organizations.

## STUDENT BODY PRESIDENT

The Student Body President acts as a student ombudsman who represents the interests and opinions of the student body when dealing with college administration on matters directly affecting Marist students. He/she likewise presents the views of the administration and faculty to the Student Body while striving to maintain mutual cooperation and understanding among students,

faculty, and administration. The Student Body President acts to protect the rights of students and strives to make the Marist Community a place where people live and work with respect for each other. Another responsibility is to investigate problems and issues affecting students and for hearing student complaints. The Student Body President is the Chair of the Student Senate and Executive Board meetings.

SGA consists of three branches of government: the Executive Branch, Legislative Branch, and the Judicial Branch.

## EXECUTIVE BRANCH

The Executive Branch serves as an advisory part of the government. All of these positions are appointed by the Student Body President, upon approval of the Student Senate. The members consist of: the Executive Vice President, the Administrative Secretary, the Director of SGA Relations, the Chief Finance Officer, the Vice President for Student Life, the Vice President for Student Programming, the Vice President for Clubs, and the Vice President for Academics.

## STUDENT LIFE COUNCIL

The Student Life Council (SLC) consists of resident and commuter representatives. The purpose of this council is to promote activities to provide unity among commuter and resident students. The SLC will act as a facilitator in all matters pertaining to the well-being and interests of all students. Each residence area internally elects a representative to sit on this Council. Commuter representatives will be elected by the commuter constituency.

## STUDENT PROGRAMMING COUNCIL

The Student Programming Council (SPC) serves as the entertainment and programming arm of Student Government. The purpose of SPC is to provide quality entertainment to the students and members of the college community. Programming consists of lectures, performing arts, comedy, music, novelty acts and trips. The membership will be responsible for the development of a performance by using marketing techniques to publicize each performance.

## STUDENT ACADEMIC COUNCIL

The Student Academic Council (SAC) provides leadership in the pursuit of the academic objectives of the student body. SAC tries to establish firm lines of communication between the academic divisions and the student body and explores avenues of curricular growth and development. SAC provides an outlet for the concerns and/or suggestions of the student body on academic issues and to assist in promoting student programs and proposals in academic matters.

## COUNCIL OF CLUBS

The Council of Clubs consists of all chartered clubs and organizations at the College. The Council is divided into five categories with each area representing a particular type of interest. These councils consist of: Co-Curricular/Honorary, Greek, Production, Social/Service, and Sports.

## FINANCIAL BOARD

The Financial Board is appointed by the Chief Finance Officer, upon approval of the Student Senate. The purpose of this board is to oversee the distribution of the Student Activity Fee monies to chartered clubs and organizations. The board consists of the Chief Finance Officer, four appointed students, and one administrator appointed by the Vice President for Student Affairs.

## S.G.A. RELATIONS

SGA Relations provides an open channel of communication between the Student Government Association and the Marist Community. SGA Relations is responsible for providing pertinent information to the students through on-campus mediums. Other responsibilities consist of polling and the designing of flyers for any SGA events.

## LEGISLATIVE BRANCH

The Legislative Branch serves as the voting arm of SGA. They are responsible for making decisions which may affect campus issues, SGA operations, and appointments to positions. This Branch is also referred to as the Student Senate. This Branch is made up of the following elected campus-wide positions: The President of the Senior Class, the President of the Junior Class, the President of the Sophomore Class, the President of the Freshman Class (to be elected in October), four resident students, one traditional commuter student, and one non-traditional commuter student.

A Traditional Commuter is defined as a full-time undergraduate student who resides at their home address during enrollment. A Non-Traditional Commuter is defined as a full-time undergraduate student who temporarily lives off-campus during enrollment.

## JUDICIAL BRANCH

The Judicial Branch is responsible for administering all hearings concerning and pertaining to student governance, with the exceptions of cases involving suspension, dismissal from college, or criminal charges. This branch is made up of the Student Judicial Branch. The purpose of the Judicial Branch is to provide for fair and just judicial procedures and decision which preserve and protect students' rights. The Board shall also serve as an appellate recourse to disciplinary cases referred to it by

college administrators, or the Student Body President. The Student Judicial Board consists of the Chief Justice, one appointed Administrator (by the Office of Student Affairs on a case by case basis), one Faculty member, two student appointees (one of which must be a commuter), and two students elected campus-wide.

## 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 (PartTime 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 Personal 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 on-campus Health Service facilities are available to all Marist students whether they are commuters, residents, full or part time.

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.

New York State law requires all full-time and part-time students born on or after January 1, 1957, to show proof of immunity against Measles, Mumps and Rubella. Students who have not provided proof of immunity to Health Services, will not be allowed to attend class or reside in the residence halls.

## COUNSELING SERVICES

The Marist College Counseling Center, part of the Personal Development Center, is located in Byrne Residence. There are three full-time counselors, available from 9 a.m. to 5 p.m. Monday to Friday on an appointment basis, with 9 to 10 a.m. also used as a walk-in hour for emergencies.

The Counseling Center offers assistance to students with personal, social or emotional concerns. Our services include individual psychological counseling, group therapy, topical workshops and referrals.

**Counseling:** There is no fixed number of sessions beyond which a student cannot be seen; however due to the limits on staff time and the college calendar, counseling tends to be short-term. Any information given in counseling, as well as the fact that a student has been seen for counseling, is kept strictly confidential. Disclosure to any outside person requires prior permission of the student. However, should the life or safety of the student, or someone else, be in imminent danger, the counselor may be obligated to notify appropriate persons.

**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.

**Groups and Workshops:** Are offered on the basis of student interest and staff availability. Potential interest group topics include alcohol education/ ACOA, body image and eating disorders, assertiveness and self-esteem, rape and sexual assault. The staff is receptive to other topics as well.

## SPECIAL SERVICES PROGRAM/ SERVICES FOR STUDENTS WITH DISABILITIES

The Marist College Office of Special Services believes that although students with disabilities 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 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 a student with a disability to function with maximum independence.

The Office of Special Services frequently acts as a liaison with state agencies such as the Office of Vocational and Educational Services for Individuals with Disabilities or agencies for the blind and visually impaired. These agencies may provide both career guidance and financial assistance for individuals with

disabilities.

Services available at the College for students with documented disabilities may include notetakers, readers, scribes, tutors, testing accommodations, interpreters, academic advisement and counseling. Individuals who wish to use these services or who require access to specialized equipment are urged to contact the Director of Special Services after admission.

Students with learning disabilities wishing to receive individualized assistance from a certified learning disability specialist must submit a supplementary application for admission to the Office of Special Services when applying for admission to the College. For an application and information regarding admission requirements contact the Director of Special Services.

## CAREER DEVELOPMENT/FIELD EXPERIENCE

### Outcomes Information

The Center for Career Development & Field Experience conducts an annual survey to determine employment and graduate school patterns of Marist graduates. The most recent survey prior to the publication of this catalogue was of the Class of 1990. The survey indicated that 89% of the 1990 graduates were employed and 12% were involved in graduate study. 64% indicated that their first job was related to their undergraduate field of study.

### Sample list of employers hiring Marist graduates within the past five years (\* indicates a 1990 graduate):

ABC-TV  
Abraham & Strauss\*  
Aetna Life & Casualty\*  
Air France  
American Airlines\*  
American Express  
American Red Cross  
Anheuser Busch  
Arlington School System\*  
Arthur Andersen  
Arts & Entertainment Cable Network\*  
AT&T  
Bank of New York\*  
Bankers Trust\*  
BBDO Advertising\*  
Bear Stearns\*  
Bellevue Hospital\*  
Benedictine Hospital\*  
Blue Cross/Blue Shield\*  
CBS Incorporated\*  
Cannon Copiers\*  
Cardinal Hayes Home for Children\*  
Catholic Guardian Society\*  
Central Hudson Gas & Electric\*

Chase Manhattan Bank\*  
 Chemical Bank\*  
 Chicago Sun Times  
 Citibank  
 Citizen's Campaign for the Environment\*  
 Commodity Exchange Incorporated\*  
 Connecticut Association for Human Services\*  
 Consolidated Edison\*  
 Coopers & Lybrand\*  
 Dean Witter\*  
 Deloitte & Touche  
 Devereux Foundation  
 Dorf & Stanton Communications\*  
 Doubleday  
 Dreyfus Fund  
 Dutchess County Department of Finance\*  
 Dutchess County Probation Department  
 Dutchess County Youth Services  
 The Economist Magazine\*  
 Electronic Data Systems\*  
 Ernst & Young\*  
 Estee Lauder\*  
 Family & Children's Services Incorporated\*  
 Federal Bureau of Investigation\*  
 Federal Reserve Bank  
 Gannett  
 Grey Advertising\*  
 General Electric\*  
 Goldman Sachs  
 Gucci\*  
 Hachette Magazines\*  
 Harcourt Brace Jovanovich  
 Harlem Valley Psychiatric Center\*  
 Helen Keller National Center\*  
 Hoffman LaRoche\*  
 Hudson River Psychiatric Center\*  
 Hughes Television Network\*  
 IBM\*  
 Internal Revenue Service  
 JCPenney\*  
 KBF Pollution Management\*  
 Kellogg Sales\*  
 Kimball Medical Crisis Center\*  
 Leslie Fay Dresses\*  
 Lighthouse Industries\*  
 Liz Claiborne\*  
 Macy's\*  
 Madison Square Garden Television  
 Major League Baseball Productions  
 Manufacturer's Hanover Trust  
 Marriott Corporation\*  
 MCI  
 Merrill Lynch\*  
 Metropolitan Life\*

Morgan Stanley\*  
 National Academy of Television Arts & Sciences  
 National Emergency Services  
 National Micronetics  
 NBC Television  
 Nestle-Beich Company\*  
 New Jersey Department of Environmental Protection  
 New Jersey Division for Youth & Family Services  
 New York Blood Center\*  
 New York Life Insurance\*  
 New York Mercantile Exchange\*  
 New York Power Authority\*  
 New York School for the Deaf\*  
 New York State Legislature\*  
 New York State Police\*  
 New York Telephone\*  
 New York Times  
 New York State Assembly\*  
 New York State Office of Mental Health  
 New York State Office of Mental Retardation\*  
 New York State Division for Youth  
 New York State Division of Alcoholism & Alcohol Abuse\*  
 New York State Police\*  
 Niagara Mohawk Power Company\*  
 North Jersey News\*  
 Northwestern Insurance\*  
 NYNEX\*  
 Oppenheimer & Company\*  
 Paramount Pictures  
 KPGM Peat Marwick\*  
 Pitney Bowes  
 Phoenix Films  
 Plymouth School System\*  
 Poughkeepsie City School District\*  
 Princeton Testing Laboratories  
 The Prudential  
 RJR Nabisco\*  
 Ralph Lauren  
 Random House Publishing\*  
 Rappaport & Benedict Law Firm\*  
 Rolling Stone Magazine\*  
 Saatchi & Saatchi Worldwide Advertising\*  
 Sachem School District\*  
 Shearson Lehman Brothers\*  
 Sheldon Child Guidance Clinic\*  
 Smith Barney\*  
 SONY Corporation\*  
 South Hadley School District\*  
 South Street Seaport\*  
 Southern Living Magazine  
 Standard & Poor\*  
 Suffolk County Child Development Center  
 Sun Chemical

Task Force for Child Protection  
Texaco  
Times Herald Record\*  
Union Carbide  
United States Secret Service  
Uniroyal Chemical Company\*  
Ulster Scientific Industries\*  
United Cerebral Palsy\*  
Urbach, Kahn & Werlin  
U.S. Cablevision  
U.S. Marine Corps\*  
U.S. Marshall's Office  
U.S. Trust Company\*  
United States Forestry Service  
WBPM Radio\*  
WRGB Channel 6\*  
WTZA Television\*  
WHUD Network  
WWRD Radio\*  
Yale Psychiatric Center\*  
Yale University\*  
Young & Rubicam Advertising  
Ziff-Davis Publishing\*

**Sample list of graduate & professional schools attended by Marist students within the past five years (\* indicates a 1990 graduate):**

Adelphi University\*  
Albany Medical College\*  
American Graduate School of International Management  
Bank Street College\*  
Boston University\*  
Brown University  
California State University\*  
Catholic University\*  
College of New Rochelle  
College of Saint Rose  
Columbia University\*  
CUNY School of Law  
Fairleigh Dickinson University\*  
Florida State University\*  
Fordham University\*  
Hofstra University\*  
Hofstra University Law School\*  
John Jay College of Criminal Justice  
Life Chiropractic College\*  
Montclair State College\*  
New School for Social Research  
New York College of Osteopathic Medicine\*  
New York Institute of Technology  
New York Medical College\*  
New York University\*  
Northwestern University\*  
Marist College\*  
Pace University\*

Pennsylvania College of Podiatric Medicine\*  
Rensselaer Polytechnic Institute  
Rutgers University Law School  
State University of New York at Albany\*  
State University of New York at New Paltz\*  
State University of New York at Stony Brook\*  
Syracuse University  
Union College  
University of North Carolina\*  
University of Notre Dame  
Western New England Law School\*  
Widener School of Law  
Yeshiva University\*

**CAREER DEVELOPMENT PROGRAMS**

The Center for Career Development and Field Experience offers a variety of services and information to assist students with setting career goals and seeking employment. Choosing a career path is a process that unfolds throughout the college years. It involves discovering individual potential, learning about career fields, and gaining career-related experience. Students are encouraged to become involved with the Center early in their college years to plan effectively and make informed career decisions. With some exceptions, services are available to all full and part-time students, and alumni.

**Services include—**

**Career Information:** Books, pamphlets and other materials describing career fields; employment outlook, and emerging career trends; a computer assisted guidance program with an occupations and graduate school database; Marist Alumni career network which assists students with advisement.

**Individual Assessment:** Individual counseling and group programs; resources and books concerning self-assessment and career decision-making; skill and interest identification including the Strong Interest Inventory and the Myers-Briggs Type Indicator.

**Pre-Professional and Graduate School Advisement:** Individual advisement concerning application to graduate and professional school; graduate entrance examination; registration materials and study assistance; graduate catalogues and general graduate program directories; annual Graduate Forum.

**Field Experience:** Internships and cooperative education experiences designed to provide learning experiences for students in a work environment under professional supervision. These credit-bearing experiences enable students to incorporate a career-related work experience into their academic program. Students from any major offered at Marist may pursue an interest in Field Experience. All elective internships and co-ops are

coordinated through the Center for Career Development and Field Experience.

To be eligible for elective internships or co-ops students must have completed 60 credits, at least 12 of which were earned at Marist, and must possess a minimum G.P.A. of 2.5 (3.0 in Management Studies).

**Job Location and Development (JLD):** JLD assists students in locating part-time jobs in the greater Poughkeepsie area. Any student enrolled full or part-time may use the service. Summer job information is also available.

**Job Search Preparation:** Individual counseling and group workshops concerning resume development, cover letter writing, interviewing and job search skills are available. Assistance in developing a job search plan and identifying potential employers.

**Employment Services:** Listings of full-time employment openings; job-hunting directories, brochures, and employer literature on file; federal, state and county civil service announcements; resume referral service; on campus interviews; annual Employer Expo, alumni networking.

## 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 receive information on 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. Similar programs are offered for transfers during the summer, and again in January.

## OFFICE OF SAFETY AND SECURITY

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

1. Free identification of property by use of electrical engravers, stickers and maintenance of file.
2. Free loan of battery booster cables. Assistance when possible.
3. Escort of students to and from dormitories during evening hours.

4. Motor vehicle, motorcycle, moped and bicycle registration and issuance of parking permits.
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) 575-3000, ext. 2282 or (914) 471-1822.

## PARKING & VEHICLE REGISTRATION POLICY

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

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.

## PERMITS

Parking on campus is limited to those vehicles registered with the Office of Safety and Security and to which a Marist College parking permit has been issued. Vehicles without permits are subject to towing at the owner's expense.

Permits will be issued for individual parking lots and will only be good for that specific lot. Vehicles parked in other than the lot designated will be treated as vehicles without permits.

All vehicles must be registered for 1993-95 school years.

When applying for parking permits the following information and documents are required:

- a. Drivers license
- b. Vehicle registration
- c. College I.D. number

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 and the Director of Safety and Security. Freshman parking permits will be issued on a space available basis.

## RESIDENT STUDENT PARKING

There is a limited number of parking spaces on campus. Requests for parking permits will be approved on a space available basis.

## COMMUTER STUDENT PARKING

Commuter student parking is limited to the Champagnat lot and the McCann lot until 6:00 PM Monday through Friday. After 5:15 PM commuter students may park in the Dyson lot and Lowell Thomas lot as well as the Champagnat lot on a space available basis. **NO COMMUTER STUDENT PARKING IS PERMITTED IN THE McCANN LOT AFTER 6:00 PM.**

## VISITORS PARKING

Visitor parking is permitted by display of visitors parking pass issued by the Office of Safety and Security.

## PARKING RESTRICTIONS

In addition to the above, the following parking restrictions apply:

Parking is not permitted in areas other than marked parking spaces. Parking in restricted areas subjects the vehicle to traffic citations, "booting" and towing at the owner's expense. Restricted areas include, but are not limited to, fire zones, no parking areas, cross walks, fire hydrants, handicap zones and restricted permit parking areas.

With the exception of resident student parking areas, overnight parking is not permitted. **PARKING ON ROADS OR SHOULDERS OF ROADS IS PROHIBITED.**

The following fines will be assessed for violations of this parking policy:

1. Failure to register vehicle .....	\$25.00
2. Failure to display parking permit .....	10.00
3. Parking in a restricted area .....	25.00
4. Obstructing traffic .....	25.00
5. Failure to park in marked space .....	25.00
6. Parking in No Parking area .....	25.00
7. Parking on road .....	25.00
8. Parking on shoulder of road .....	25.00
9. Parking in Fire Zone .....	50.00
10. Blocking Doors and Exits .....	25.00
11. Parking in Loading Zone .....	25.00
12. Driving on walkway or grass .....	25.00
13. Abandoned motor vehicle .....	25.00
14. Passing Stop sign .....	25.00
15. Excessive speed .....	25.00
16. Hindering snow removal .....	25.00
17. Parking in Handicapped Space/Ramp ...	75.00
18. Parking in Cross Walk .....	25.00
19. Parking at Fire Hydrant .....	25.00
20. Blocking Vehicle .....	25.00
21. Boot Removal .....	20.00

All above violations may result in the vehicle being "booted" (immobilized), or towed. Fines must be paid at

the Business Office within 10 days of issue.

Violations of this parking policy may result in revocation of parking privileges.

## 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. Additional information may be found in the Academic Policy section of this catalog.

## 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 supportive relationship among alumni and to promote the 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 network with other graduates and to participate in activities which help advance the College. A class agent system fosters class ties and actively supports the Marist Fund, the College's annual giving program. An annual Homecoming/Reunion Weekend is held in October.

Volunteer leaders participate in Association governance, while others serve on College advisory councils in Communication Arts, Computer Science, Fashion Design and Management Studies. Other alumni participate in the College's annual phonathon efforts or provide networking support to Marist undergraduates through the Career Development Office. The President of the Alumni Association attends all meetings of the Board of Trustees.

"Marist Magazine" and the "Alumni News" keep alumni informed about College developments, alumni services and programs, and activities of fellow graduates.

There are nearly 12,000 Marist alumni residing in 46 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and 34 foreign countries.

Further information about alumni activities is available by contacting the Office of Alumni Affairs in Adrian Hall.



# ACADEMIC POLICIES

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## ADMISSION TO THE COLLEGE ADMISSION TO THE FRESHMAN CLASS

Marist College is committed to enrolling a diverse group of young men and women whose backgrounds and talents will enhance each other's educational experience. Moreover, the College seeks students who are eager to participate in the campus community and wish to make a positive contribution to the student body.

Typically, candidates accepted for admission rank in the top half of their high school class, possess a grade point average of 85 or higher and present strong personal and leadership qualities. Test scores, although considered, are not the primary factor in the selection process. The secondary school record and the quality of courses completed are our principal concern.

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 units
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 GED 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
4. A non-refundable \$30.00 application fee.

While a personal interview is not required, it is frequently helpful to our Admissions and Financial Aid committees as they evaluate candidates. Small group Information Sessions are available, and these contain a lot of valuable information about admissions, financial aid, and life at Marist. They also include presentation of the multi-image presentation, "Meet Marist," and a student-guided tour. Students may attend an Information Session in lieu of a personal interview.

### 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. Advanced credit for international diplomas is possible if all other academic prerequisites have been met.
  4. Official results of the Scholastic Aptitude Test (SAT), if available, and official results of the Test of English as a Foreign Language (TOEFL), if required.
  5. 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: International students should take into account that tuition fees (see page 210) are based on one year of study. Additional costs will also be incurred due to cost of living increases and travel expenses.

An international student should apply well before (at least three months) the start of the semester he or she wishes to begin studies at Marist. 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 the appropriate course entry level. Additional prerequisites may be required.

### EARLY DECISION/EARLY ACTION PROGRAM

Marist College offers an Early Decision/Early Action Option. A student who is interested should file his or her application 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/Early Action applications is December 1, with notification made before January 1. **Candidates applying for Early Decision/Early Action 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

To be matriculated means that a student has officially chosen and been accepted into a specific program of study at the College. A student must be matriculated in order to be eligible for various types of financial aid.

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 permission of the School of Adult Education to continue further coursework.

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.

### TRANSFER STUDENTS

Marist College welcomes and encourages applications from transfer students. Each year, approximately 200 students from two-year and four-year colleges throughout

the Northeast choose to transfer to Marist. Transfer admission is done on a rolling basis, beginning in February for the Fall semester, and in October for the Spring semester. Students interested in housing or financial aid are urged to submit applications as early as possible to ensure full consideration for these resources.

Transfers from two-year colleges must complete at least 60 credit hours at Marist. Transfers from four-year colleges must complete a minimum of 30 credit hours at Marist. All transfer students must complete a minimum of 12 hours of upper level credits in the major field. A maximum of six transfer credits can be accepted toward a minor, concentration, or certificate.

All courses will be evaluated in accordance with Marist degree requirements. Many associate degree programs at other colleges fit well into Marist's curriculum. Students accepted to Marist with an A.A. or A.S. degree and a cumulative index of 2.5 or above from an accredited school are awarded a full 60 credits toward the Marist degree requirements when entering a comparable program. Ideally, students will be able to complete the Marist degree in two years of full-time study. The comparability of a program is determined by the chairperson of the discipline.

Students who are transferring with an A.A.S. degree, without a degree, or beginning a program at Marist that is not comparable to their former program will have their courses evaluated as stipulated below:

1. The course(s) must be similar in scope and content to courses offered at Marist.
2. Only courses in which a C or better has been obtained may be transferred to meet major, related field, and Core requirements. Credit for C- grades may be awarded on the elective credit category only.
3. If transferable credits total 24 or more, students will be required to take Phil 103 World Views and Values. If transferable credits total 23 or less, students will be required to take Phil 101 Introduction to Philosophy and Phil 300 Ethics. Transfer students who have completed Intro to Philosophy and Ethics, or comparable courses, with a C or better are not required to take World Views and Values.

All students will receive an official transcript evaluation for the program to which they apply. The evaluation will specify how many credits are transferable toward the baccalaureate degree at Marist as well as the remaining courses necessary to fulfill Marist degree requirements. Grades for courses taken at other institutions are not included in the computation of the student's grade point average at Marist.

The evaluation will be mailed to each candidate after all records are received. Any questions pertaining to the evaluation should be directed to the appropriate admitting office. Students are advised not to register for any

course to which transfer credit may be applied. In addition, students should be sure that the necessary prerequisites for the course have been met.

Applications for transfer admission and further information are available through the Admissions Office. Students who are twenty-two or over should contact the Office of Adult Education.

### PROFICIENCY EXAMINATIONS

The College grants credit to matriculated students for Advanced Placement (AP), College Proficiency Examinations (CPE), NYS Regents College Exams, ACT-PEP 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.

### 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 and Division Chairperson to gain prior approval for summer or intersession courses 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.

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

### 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 and verify 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 per applica-

tion will be required plus a tuition fee for each credit awarded. Additional information may be obtained from the School of Adult Education.

## 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 requested 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 Affairs (SAA). 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 SAA 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.

Please note that while academic advisors can provide assistance in understanding degree requirements and planning semester course loads, the primary responsibility for knowing and meeting program requirements rests with each student.

### 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. The exact dates and procedures for registration will be announced each semester by the Registrar's Office.

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

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 up to 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 Executive 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. A student may drop a course(s) during the second and third week of classes. Please see Refund section of this catalog to determine tuition liability. 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. (Paralegal Certificates are the exception.)

### 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 instructor's grade evaluation of the student.

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

#### C

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

#### B

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

#### A

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

#### D

A student who is deficient in some degree in any of the areas that are characteristic of a C grade will earn 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. Refer to the Academic Calendar for exact dates to resolve incomplete grades.

#### 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 receive 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.

Requests must be made by the student within the official deadline by completing the necessary form from the course instructor. This will be the end of the first five weeks of a fifteen-week semester.

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

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

#### AU (Audit)

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

#### GRADE POINT AVERAGE

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

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

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

The grade point average, or cumulative index, is computed by dividing the total number of quality points earned on the scale of A through F, including WF, by the total number of semester hours of credits 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.

**ACADEMIC ENVIRONMENT**

Every student, faculty and staff member has the right to be permitted to function and learn in a non-hostile environment. Marist College does not tolerate harassment in any form with regard to race, religion, sex, age, color, handicap, national origin, sexual orientation, veteran or marital status. Students and employees who believe that they have been subjected to such behavior should contact the Office of Human Resources or the Dean of Student Affairs.

**ACADEMIC STANDARDS**

At the end of each semester, all students are expected to meet the following minimum standards: a semester grade point average of 2.0 and a cumulative grade point average of 2.0. 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 after review by the Faculty Academic Review Committee and the Academic Vice President of the College.

**ACADEMIC PROBATION**

Students may be granted more than a single semester of probation. A student granted a second consecutive semester of probation is not eligible for organized extracurricular activities, including, but not limited to, varsity athletics. Restrictions on such participation during the first semester of probation are made by the College's 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-in-merit are: completion of at least 60 credits of study at the College and the highest or second highest grade point index in the class.

**HONOR SOCIETIES**

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

Alpha Chi, Theta Chapter—All academic disciplines

Phi Alpha Theta, Mu Chapter—History

Sigma Zeta, Alpha Phi Chapter—Science

Pi Sigma Alpha—Political Science

Psi Chi, Marist College Chapter—Psychology

Alpha Sigma Lambda—Part-Time Students, All Disciplines

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 and the Division Chairperson. 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 and the Division Chairperson. 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 taken, the quality points of the lower graded courses are subtracted from the student's record and replaced with the quality points earned in the higher graded course; no additional credits are earned.

When, with the prior permission of the Registrar and the Division Chairperson, a student successfully repeats a failed course at another institution, credits but not quality points are added to the student's record. A student may not repeat a successfully completed Marist course (grade above an F) at another institution in an effort to earn a higher grade.

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

Students planning to take courses at another college while on leave of absence with the intention of applying the credits towards their Marist degree must obtain prior approval from the appropriate Divisional Chairperson and 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 Advisor prior to 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.

Please Note:

1. Once the total credits from all sources have reached sixty (60), no further credits will be transferred from a two-year institution.
2. Students must seek advisement from the appropriate Chairperson(s) as to courses to be taken in fulfillment of the major and CORE and must obtain prior written permission, as stated above, for all courses to be transferred.

**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. For readmission policies and procedures, refer to the section below entitled "Readmission To The College." (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. Students should contact the Office of the Registrar or the School or Adult Education for information about the readmission procedure.

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 Affairs to obtain information about the readmission procedure.

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

Remaining course requirements in the major and in CORE will be determined by the Divisional Chairperson of the student's major and the Registrar's Office.

Students granted readmission to the College may register for classes for the intended semester of return after the Pre-registration period for that semester is complete. Please contact the Registrar's Office for details.

**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. Transcript processing time requires 3-5 business days.*

**APPLICATION FOR GRADUATION**

Each candidate for graduation must file an application for graduation with the Office of the Registrar. See Academic Calendar for specific dates. 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 (designated with an "L" in the course number). Courses directed toward specialized study or specific occupational or professional objectives are non-liberal arts (designated with a "N" in the course number). Students should consult 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 Justice, Economics, English, Environmental Science, Fashion Design and Merchandising, Fine Arts, French, History, Integrative Major, Mathematics, Medical Technology, Political Science, Psychology, Psychology/Special Education, Russian, Spanish and Social Work. The requirements for the major field are listed separately for each.

**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** A specific number of credits in the Core/Liberal Studies area is required. Complete details and requirements are listed in the Core/Liberal Studies Curriculum section (page 38).

**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 minimum 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 advisor 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.

Applications to be candidates for a second baccalaureate degree should be submitted to the Registrar who will consult with the Division Chairperson for approval of the second degree application. A candidate for a second baccalaureate degree must complete at least 30 credit hours within the major and related field requirements beyond the requirements of his or her first baccalaureate degree.

## COURSE CODES

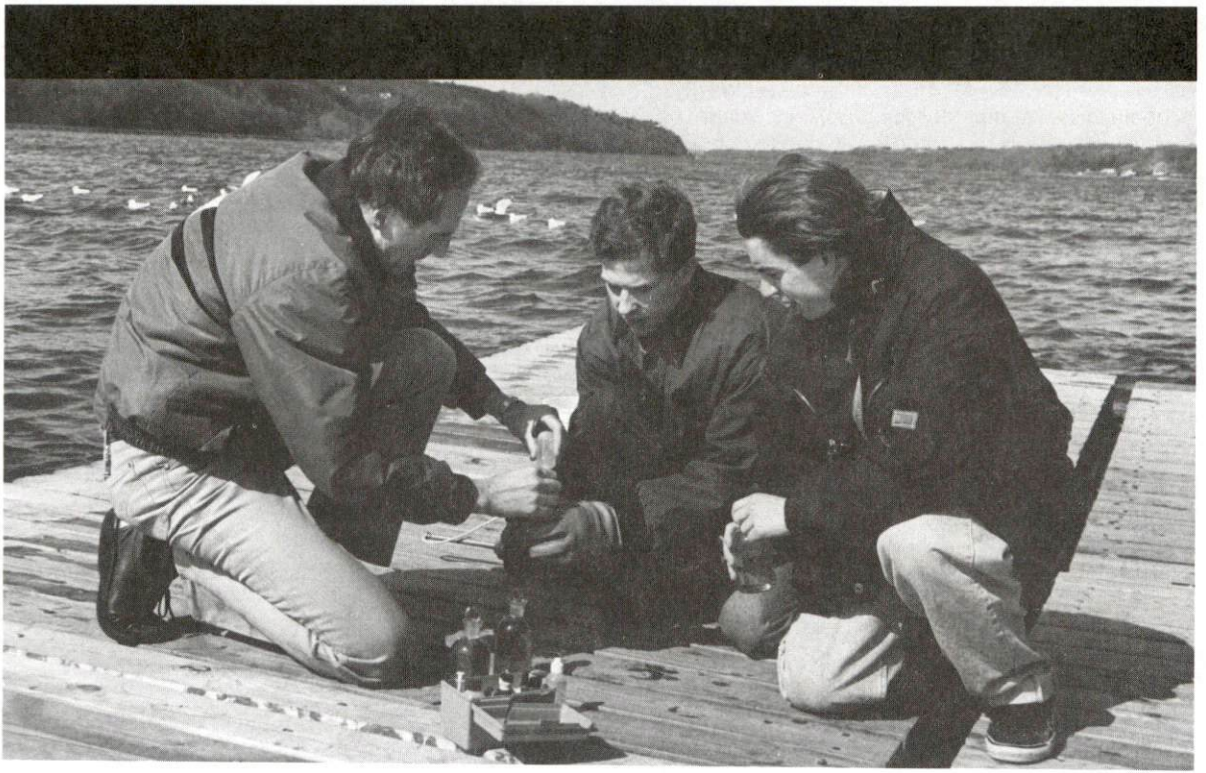
In the pages that follow, each course is designated by a letter code, a number and a course title. Code letters denote subject areas and are given below. The number indicates a specific course and a specific course content, i.e., 100 level courses are elementary, 200-300 level courses are intermediate, and 400 level courses are advanced.

This publication gives the current course title associated with each course. In addition, the following subject areas are used to identify that particular field when registering.

ACCT	Accounting
ANTH	Anthropology
ART	Fine Art
BIOL	Biology
BUS	Business
CHEM	Chemistry
COMM	Communication Arts
CIS	Computer Information Systems
CMSC	Computer Science
CRJU	Criminal
CSIS	Computing Studies
ECON	Economics
EDUC	Education
ENG	English
ENSC	Environmental Science
FCFR	Foreign Culture - French
FCIT	Foreign Culture - Italian
FCRU	Foreign Culture - Russian
FCSP	Foreign Culture - Spanish

FDS  
FREN  
GERM  
GRK  
HIST  
INTD  
ITAL  
LAT  
LERN  
MATH  
MEDT  
MUS  
PHIL  
PHED  
PHYS  
POSC  
PRLG  
PSYC  
REST  
RUSS  
SOC  
SOCW  
SPAN

Fashion Design and Merchandising  
French  
German  
Greek  
History  
Integrative  
Italian  
Latin  
Learning Center  
Mathematics  
Medical Technology  
Music  
Philosophy  
Physical Education  
Physics  
Political Science  
Paralegal  
Psychology  
Religious Studies  
Russian  
Sociology  
Social Work  
Spanish



# THE CORE/LIBERAL STUDIES CURRICULUM

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## THE CORE/LIBERAL STUDIES CURRICULUM

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The Core/Liberal Studies Curriculum provides a shared educational experience for all students at Marist College. The Foundation course in Philosophy introduces the students to various ways of understanding ones relationship with the world. These "modes of consciousness" help our students to become more aware of the cultural influences that shape their own understanding of themselves and the world and how much their value judgments are influenced by their historical experience.

The Foundation course in History builds upon the consciousness-value theme by giving the students an historical context for understanding the value assumptions of their own contemporary culture.

The 33 required credits distributed throughout a broad range of disciplines give breadth to the students education by introducing them to the various arts and sci-

ences. Since the methodology of each discipline represents a distinct way of looking at the world, these distributive courses offer students an opportunity to expand on the concern for consciousness as well as the value question introduced in the Foundation courses. These courses are content based and emphasize critical writing and thinking.

The Ethics course, taken in the junior or senior year, sharpens the focus on the value question by examining the value assumptions of our Judaeo-Christian and secular humanistic traditions. This course also assesses the new ethical demands promoted by our scientific-technological culture.

The Capping Course is a discipline based course with an emphasis on critical thinking, writing and speaking. This course addresses the general concerns of the discipline within a wider context. Where applicable, the

Capping Course refers to the significant themes of the human consciousness and values developed throughout the students' Core/Liberal Studies Curriculum.

The Core/Liberal Studies Program outlined below is in effect for all incoming Freshmen except students in

the Integrative Major. Students transferring to Marist may receive credit for those courses previously taken in the Core/Liberal Studies area.

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

## REQUIREMENTS IN CORE/LIBERAL STUDIES

## CATEGORY 3.0

### 3.1 Foundation Courses\*\*

For students entering in 1993-1994 with 0-23 credits:

PHIL 101 Intro to Philosophy as freshmen and

PHIL 300 Ethics during the junior or senior year

6 cr

For students entering with 24 credits or more:

PHIL 103 World Views and Values

Transfer students who have completed Intro to Philosophy and Ethics or comparable courses, with a C or better, are not required to take World Views and Values

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 test scores 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. Transfer students who have completed College Writing I and II, or comparable composition courses, with a C or better are exempt from further writing requirements. Those who have completed College Writing I, or a comparable composition course, will be admitted into College Writing II.

### 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)

REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

2. <b>Social Sciences Areas</b>	6 cr	
Cultural Anthropology Economics Political Science Psychology Sociology		
3. <b>History Area: Remaining field requirement fulfilled by</b>	3 cr	
History OR Foreign Language Option (see * below)		
4. <b>Literature Areas</b>	6 cr	
Literature in English, Foreign Literature in Translation or in Foreign Language Foreign Language Option (see * below)		
5. <b>Mathematics Area</b>	6 cr	
Mathematics Foreign Language Option (see * below)		
6. <b>Fine Arts Areas</b> (only LA designated courses)	3 cr	
Art Film Music Theater Arts		
7. <b>Philosophy/Religious Studies Area</b>	3 cr	
May <i>not</i> be fulfilled by Foundation Courses: PHIL 101, 102, 103 or 300		
<b>*Foreign Language Option</b>	0-9 cr	33 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 <i>two</i> 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 <i>one</i> course in foreign culture for the second course in either history or literature. c. The Foreign Language Option may not be used to replace major or related field requirements. d. Successful completion of 1 year in MAP may waive 3 cr. in the foreign culture option and 3 cr. in the history requirement.		
3.4 <b>Capping Experience**</b>	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		

\*\*Once a student has matriculated at Marist, Core/Liberal Studies Foundation and Capping Course requirements must be fulfilled at Marist College.

**Total Credits for Core/LS Requirement**

12cr

45-51 cr



# 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.

## REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ACCOUNTING

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

### 1.0 Course Requirements in Accounting

ACCT 201, 202, 301, 302, 303, 310, 401, 402, 403, 477

#### Credit Requirement in Accounting

30 cr

### 2.0 Course Requirements in Related Fields

BUS 320, 380, 381, 421

12 cr

FIVE additional BUS or ACCT courses

15 cr

ECON 101,102

6 cr

MATH 115,130, 230

9 cr

CMSC 103

3 cr

#### Credit Requirement in Related Fields

45 cr

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

75 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 major field req.)

Natural Science

6 cr

Philosophy/Religious Studies

3 cr

Social Science

0 cr

(fulfilled by major field req.)

24 cr

#### Total Core/Liberal Studies Requirement

33-36 cr

### 4.0 Electives

9-12 cr

#### Total Credit Requirement for Graduation

120 cr

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

## 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

ACCT 310, BUS 320	6 cr	
TWO courses from the following:		
ACCT 301, 302, 303, 311, 350, 401, 402, 403, 404	6 cr	
		12 cr

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

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

### FRESHMAN YEAR

#### FALL

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

#### SPRING

Core/LS  
 MATH 115 Calculus/Mgmt. Appl.  
 ACCT 202 Accounting II  
 Core/LS Writing or Elective  
 Core/LS

### SOPHOMORE YEAR

#### FALL

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

#### SPRING

ACCT 302 Intermediate Accounting II  
 MATH 230 Operational Models  
 ECON 102 Prin. of Microeconomics  
 Core/LS  
 Core/LS

### JUNIOR YEAR

#### FALL

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

#### SPRING

ACCT 401 Advanced Accounting  
 BUS 421 Corporate Finance  
 Acct. or Business Elective  
 Acct. or Business Elective  
 Core/LS

### SENIOR YEAR

#### FALL

ACCT 403 Income Taxation I  
 Acct. or Business Elective  
 BUS 380 Business Law I  
 Core/LS Phil 300  
 Elective

#### SPRING

ACCT 477 Current Issues  
 BUS 381 Business Law II  
 ACCT 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.*

## AMERICAN STUDIES

**VINCENT L. TOSCANO**, Ph.D., *Divisional Chairperson*

**WILLIAM OLSON**, Ph.D., *Program Advisor*

An interdepartmental program involving history, politics, law, literature, philosophy, religion, art and music, American Studies allows students to transcend narrow disciplinary boundaries in exploring the broad interplay of ideas and events which have shaped the American past.

This requires a careful selection among designated courses within the American arena, while also developing a concentration (12 credits) focusing upon a different culture such as that of Latin America, England or Russia. A 3 credit senior capping experience then unifies these perspectives upon the American Experience.

### REQUIREMENTS FOR A BACHELOR OF ARTS IN AMERICAN STUDIES

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

1.0 Course requirements for a major in American Studies

ART 280 or MUS 243	3 cr
ENG 210 and 211	6 cr
One additional American Literature Course	3 cr
An ENG course from other than American Literature	3 cr
HIST 135	3 cr
HIST 226 and 227	6 cr
One additional American History course	3 cr
One HIST course from other than American History	3 cr
PHIL 240 and 342	6 cr
Two courses selected from the following:	
POSC 110,210, 211, 212, 312	6 cr
One course selected from the following:	
POSC 205, 243, 251, 252, 273, 350, 353, 355,372	3 cr
CMSC 103	3 cr
REST 201	3 cr
Capping	3 cr

**Total Requirement for a Major in American Studies** 54 cr

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

### 3.0 Core/Liberal Studies Requirements

#### 3.1 FOUNDATION

Philosophy/Ethics  
Writing

6 cr  
3-6 cr

9-12 cr

#### 3.2 DISTRIBUTION\*

Mathematics  
Science

6 cr  
6 cr

All other requirements in distribution area fulfilled by  
major field requirements

12 cr

**Total Credit Core/Liberal Studies Requirement**

21-24 cr

#### 40 Electives

48-51 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.*

## ANTHROPOLOGY

**ANDREW A. MOLLOY**, Ph.D., *Divisional Chairperson*

### REQUIREMENTS FOR A MINOR IN ANTHROPOLOGY

Required Anthropology courses:

ANTH 101, 102, 120, 233

12 cr

THREE courses selected from the following:

ANTH 230, 231

ANTH 232 (also listed as REST 437)

HIST 272

SPAN 152

REST 209

RUSS 223

SOC 101

9 cr

**Total Credit Requirement for a Minor in Anthropology**

21 cr

## BIOLOGY

**ANDREW A. MOLLOY, Ph.D.,** *Divisional Chairperson*

It is recommended that students develop a focus for their study in Biology in consultation with their faculty advisor's that is consistent with their overall career goals. Some examples of such focus are listed below:

### Anatomy/Physiology

Anatomy Histology  
Vertebrate Embryology  
Physiology Molecular Biology  
Immunology Biochemistry  
Parasitology Research

### Cell and/

### Molecular Biology

Molecular Biology Evolution  
Immunology Embryology  
Biochemistry Research  
Plant Physiology

### Ecology/Field Biology

Ecology Vertebrate  
Evolution Physiology  
Plant Invertebrate  
Physiology Zoology  
Field Ecology Research  
Animal Behavior

### Secondary Education

Evolution Field Ecology  
Ecology Invertebrate  
Vertebrate Zoology  
Physiology Animal Behavior  
Anatomy Research

Students may, thus, 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 are encouraged to develop a curriculum plan that will prepare them for employment in a particular area. Through the science intern program, they are able to obtain actual work experience in 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 matriculate into the Biology major as juniors and complete the program in two years. A complete listing of these community colleges can be obtained from the chairperson of the division.

## REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BIOLOGY

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

### 1.0 Course Requirements in Biology\*

BIOL 110-111, 112-113, 210, 211, 312, 320

23 cr

Additional courses selected from the following:

BIOL 220,301, 305, 315, 321, 330, 340, 350, 493  
420, 421, 430, 440 OR

4 credits may be selected from the following:

MEDT 301, 340, 305, 315

15 cr

BIOL 477 Science, Medicine and Ethics

3 cr

### Credit Requirement in Biology

41 cr

### 2.0 Course Requirements in Related Fields

CHEM 111-112, 113-114, 201-202 or 211-212 and 213

CMSC 103, MATH 130, 115 or 221

22-25 cr

Additional courses selected from the following:

MATH 131, 222, 320

CMSC 105

PHYS 211-212, 213-214

CHEM 351, 352, 361, 362, 363, 420

ENSC 101, 310, 312

ANTH 101, 102

PSYC 404

BIOL 390, 391, 392

EDUC 422

7-10 cr

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

\*Certain areas of Course Requirements in Biology are awaiting Approval Notification as of the date of this printing.

# PROGRAMS OF STUDY

<b>Credit Requirement in Related Fields</b>		32 cr
<b>Total Credit requirement for a Major in Biology</b>		73 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 (fulfilled by major field req.)	0 cr	
Natural Science (fulfilled by major field req.)	0 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		9-12 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 PROGRAM SEQUENCE FOR A BIOLOGY MAJOR

### FRESHMAN YEAR

FALL		SPRING	
BIOL 110 Biology I	3 cr	BIOL 111 Biology II	3 cr
BIOL 112 Biology Lab I	1 cr	BIOL 113 Biology Lab II	1 cr
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
Core/LS PHIL 101	3 cr	Core/LS Hist 135	3 cr
Core/LS Writing	3 cr	Core/LS Writing or Elective	3 cr
	15 cr		15 cr

### SOPHOMORE YEAR

FALL		SPRING*	
BIOL 211 Botany	4 cr	BIOL 210 Cellular Biology	3 cr
CHEM 201 Intro Org Chem	3 cr	Biology Elective	4 cr
CHEM 202 Intro Org Lab 1	1 cr	MATH 115 or 221	3 cr
MATH 130 Intro Statistics	3 cr	Core/LS	6 cr
Core/LS	3 cr		
	14 cr		16 cr

# PROGRAMS OF STUDY

## JUNIOR YEAR

### FALL

BIOL 312 Microbiology	4 cr
BIOL Electives	4 cr
Core/LS	3 cr
CMSC 103 Intro. to Comp. Systems	3 cr
	<u>14 cr</u>

### SPRING

BIOL Electives	8 cr
Electives	4 cr
Core/LS	3 cr
	<u>15 cr</u>

## SENIOR YEAR

### FALL

BIOL 320 Genetics	4 cr
PHIL 300 Ethics	3 cr
Core/LS	3 cr
Electives	6 cr
	<u>16 cr</u>

### SPRING

BIOL 477 Science, Medicine, Ethics	3 cr
BIOL 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\*\*

BIOL 210,312, 320 11 cr

Additional courses selected from the following:

BIOL 110, 211, 301, 305, 312, 315, 321, 330, 340,  
350, 420, 421, 430, 440, 493

CHEM 420 11 cr

BIOL 477 Capping Course 3 cr

#### Credit Requirement in Biology

25 cr

#### 2.0 Course Requirements in Related Fields

CHEM 201, 202

MATH 115 or 221, CMSC 103 10 cr

#### 3.0 Core/Liberal Studies Requirements

25 cr

#### 4.0 Electives

Transfer Credits for AAS Degree

60 cr

#### Total Credit Requirement for Graduation

120 cr

## RECOMMENDED SEQUENCE OF COURSES AT MARIST

### MARIST/5TH Semester

BIOL 210 Cellular Biology I	3 cr
CHEM 201 Intro Org Chem	3 cr
CHEM 202 Intro Org Lab	1 cr
CMSC 103 Intro. to Computing	3 cr
PHIL 103 World Views and Values	3 cr
Core/LS	3 cr
	<u>16 cr</u>

### MARIST/6th Semester

Biology Electives	8 cr
MATH 115 or 221	3 cr
Core/LS	3 cr
	<u>14 cr</u>

*\*\*Certain areas of Course Requirements in Biology are awaiting Approval Notification as of the date of this printing.*

**MARIST/7th Semester**

BIOL 312 Microbiology	4 cr
BIOL 320 Genetics	4 cr
Core/LS	6 cr
	<u>14 cr</u>

**MARIST/8th Semester**

BIOL 477 Sci., Med. & Ethics	3 cr
Biology Elective	7 cr
Core/LS	6 cr
	<u>16 cr</u>

**REQUIREMENTS FOR A MINOR IN BIOLOGY\***

BIO 110-111, 112-113, 210, 211	15 cr
CHEM 111-112, 113-114, 201 or 211 and 212	13-16 cr
TWO courses selected from the following:	
BIOL 220, 301, 305, 312, 315, 320, 321, 330	
340, 350, 390, 391, 392, 420, 421, 430, 440, 493	<u>6 cr</u>

**Total Credit Requirement for a Minor in Biology**

34-37 cr

*\*Certain areas of Course Requirements in Biology are awaiting Approval Notification as of the date of this printing.*

**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 environment in which enterprises operate. Selection of a concentration permits additional study in a

particular management function. The curriculum prepares students for entry level management positions. Students will also be exposed to total quality management concepts, ethical considerations, and international issues throughout the curriculum.

**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	<u>27 cr</u>
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Additional courses in one of the following concentrations:

Computer Information Systems Concentration:	
CSIS 120, 121, 130, CIS 404	13 cr
Finance Concentration:	
BUS 420, 421, ECON 420	9 cr
International Business Concentration:	
BUS 430, 442, ECON 442	9 cr
Marketing Concentration:	
BUS 440, 441, 450	9 cr
Personnel/Labor Relations Concentration:	
BUS 401, 402, 410	9 cr
Production Management Concentration (offered to industry only):	
BUS 461, 462, 463	9 cr
Public Administration Concentration:	
POSC 110, 240 OR 301, 283	
ECON 421, ACCT 451	<u>15 cr</u>

**Credit Requirement in Business**

36-42 cr

**REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE**

## PROGRAMS OF STUDY

### 2.0 Course Requirements in Related Fields

ACCT 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	
		<b>9-12 cr</b>

#### 3.2 DISTRIBUTION\*

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

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

<b>Credit Requirement in Related Fields</b>	<b>21 cr</b>
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Total Credit Requirement for a Major in Business Administration	42 cr
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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 major field req.)
Natural Science	6 cr	
Philosophy/Religious Studies	3 cr	
Social Science	0 cr	(fulfilled by major field req.)

24 cr

Total Core/Liberal Studies Requirement	33-36 cr
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4.0 Electives	42-45cr
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Total Credit Requirement for Graduation	120 cr
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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 MINOR IN BUSINESS

#### Introductory Level Courses

ACCT 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 400 Level concentration course (cannot be used to fulfill two program requirements)	3 cr

15cr

Total Credit Requirement for a Minor in Business	33 cr
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**RECOMMENDED PROGRAM SEQUENCE FOR THE B.S. IN BUSINESS ADMINISTRATION WITH Concentrations in Computer Information Systems, Finance, International Business, Marketing, Personnel, Production, and Public Administration.**

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

**SOPHOMORE YEAR**

**FALL**

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

**SPRING**

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

**JUNIOR YEAR**

**FALL**

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

**SPRING**

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

**SENIOR YEAR**

**FALL**

Concentration  
Concentration  
Core/LS Phil 300  
Core/LS  
BUS 477 Mgt. Strategy & Policy or  
Elective

**SPRING**

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

## CHEMISTRY

**ANDREW A. MOLLOY, Ph.D.,** *Divisional Chairperson*

Chemistry at Marist College is a professionally oriented program that has been approved by the American Chemical Society (ACS). In addition to the usual preparation in Chemistry, a biochemistry option is also available including needed course work in biology. 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, 361 -362, 363 34 cr

Additional courses selected from the following:

CHEM 430\*, 440, 420 6 cr

CHEM 477 Advanced Integrative Lab 4 cr

\*Required of students pursuing an ACS approved program

CHEM 478 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\* 3-4 cr

\*Choice consistent with background in Computer Science

#### Credit Requirement in Related Fields

20-21 cr

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

67-68 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 major field req.)

Natural Science 0 cr (fulfilled by major field req.)

Philosophy/Religious Studies 3 cr

Social Science 6 cr

24 cr

#### Total Core/Liberal Studies Requirement

33-36 cr

#### 4.0 Electives

16-20 cr

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

# PROGRAMS OF STUDY

## Recommended Courses

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, 201, 361	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

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

#### SPRING

CHEM 112 Chemistry II	3 cr
CHEM 114 Chemistry Lab II	2 cr
MATH 222 Calculus II	3 cr
Core/LS HIST 135	3 cr
Core/LS Writing	3 cr
	<u>14 cr</u>

### SOPHOMORE YEAR

#### FALL

CHEM 211 Organic Chemistry I	3 cr
MATH 320 Calculus III	3 cr
PHYS 211 Physics I	3 cr
PHYS 213 Physics Lab I	1 cr
CMSC 105 Comp. Science I OR	4 cr
CMSC 103 Intro. Comp. Syst.	3 cr
Elective	1 cr
	<u>14-15 cr</u>

#### SPRING

CHEM 212 Organic Chemistry II	3 cr
CHEM 213 Organic Chemistry Lab	2 cr
PHYS 212 Physics II	3 cr
PHYS 214 Physics Lab II	1 cr
Core/LS	6 cr
	<u>15 cr</u>

### JUNIOR YEAR

#### FALL

CHEM 361 Physical Chemistry I	3 cr
CHEM 351 Quantative Analysis	4 cr
Core/LS	6 cr
Elective	3 cr
	<u>16 cr</u>

#### SPRING

CHEM 362 Physical Chemistry II	3 cr
CHEM 363 Experimental Phys. Chem	2 cr
CHEM 352 Instrumental Methods	4 cr
Core/LS	3 cr
Core/LS Phil 300	3 cr
	<u>15 cr</u>

### SENIOR YEAR

#### FALL

CHEM Elective	3 cr
Electives	10 cr
Core/LS	3 cr
	<u>16 cr</u>

#### SPRING

CHEM 477 Advanced Integrated Lab	4 cr
CHEM Elective	3 cr
CHEM 478 Capping Course	3 cr
Electives	6 cr
	<u>16 cr</u>

**RECOMMENDED PROGRAM SEQUENCE FOR A CHEMISTRY MAJOR-BIOCHEMISTRY OPTION**

**FRESHMAN YEAR**

**FALL**

CHEM 111 Gen Chem I	3 cr
CHEM 113 Gen Chem Lab I	2 cr
BIOL 110 Gen Bio I	3 cr
BIOL 112 Gen Bio Lab I	1 cr
MATH 221 Calc I	3 cr
PHIL 101 Intro to Philosophy	3 cr
	<u>15 cr</u>

**SPRING**

CHEM 112 Gen Chem II	3 cr
CHEM 114 Gen Chem Lab II	2 cr
BIOL 111 Gen Bio II	3 cr
CMSC 103 Intro Comp Sci	3 cr
MATH 222 Calc II	3 cr
Core/LS Writing	3 cr
	<u>17 cr</u>

**SOPHOMORE YEAR**

**FALL**

CHEM 211 Organic Chem I	3 cr
BIOL 210 Cell Bio	3 cr
PHYS 211 Gen Physics I	3 cr
PHYS 213 Gen Physics Lab I	1 cr
MATH 320 Calc III	3 cr
CORE/LS Writing	3 cr
	<u>16 cr</u>

**SPRING**

CHEM 212 Organic Chem II	3 cr
CHEM 213 Organic Chem Lab	2 cr
PHYS 212 Gen Physics II	3 cr
PHYS 214 Gen Physics Lab II	1 cr
CORE/LS Hist/Lit	6 cr
	<u>15 cr</u>

**JUNIOR YEAR**

**FALL**

CHEM 361 Physical Chem I	3 cr
CHEM 351 Quant Analysis	4 cr
BIOL 315 Immunology	3 cr
CORE/LS Hist	3 cr
CORE/LS Art	3 cr
	<u>16 cr</u>

**SPRING**

CHEM 362 Physical Chem II	3 cr
CHEM 363 Exp. Phys Chem	2 cr
CHEM 352 Instr Methods	4 cr
PHIL 300 Ethics	3 cr
CORE/LS Lit	3 cr
	<u>15 cr</u>

**SENIOR YEAR**

**FALL**

BIOL 440 Vert Physiology	4 cr
CHEM 420 Biochem I	3 cr
BIOL 350 Biotech	2 cr
CORE/LS Soc Beh	3 cr
	<u>12 cr</u>

**SPRING**

CHEM 421 Biochem II	3 cr
CHEM 422 Biochem Lab	2 cr
CHEM 478 Sci, Med, Ethics	3 cr
CORE/LS Phil/Religion	6 cr
	<u>14 cr</u>

## COMMUNICATION

**SARAH S. KING, Ph.D.,** Divisional Chairperson

The Communication curriculum leads to a Bachelor of Arts degree with concentrations in Advertising, Journalism, Organizational Communication and Public Relations, Public Address and Rhetorical Theory, Radio/TV/Film, or Theatre. The program is designed to challenge students interested in the study of human communication--its process, outcomes, and effects. The core of this investigation centers on the ways in which human beings purposefully utilize symbols in interaction to create or modify a socially meaningful world. The integration of theories of Communication and the Liberal Arts tradition with the strategic application of that theory through practice is inherent in the courses and in the internship program. By its very nature, the discipline takes a hands-on approach to classroom instruction.

Communication students are placed in internship positions in some of the most prestigious business and professional organizations including the major television networks, public relations firms, radio stations and newspapers, nonprofit and human service agencies, and Fortune 500 companies.

Students graduating with a B.A. in Communication should:

1. have an understanding of human communication theory and the ways to translate this theory successfully into practice
2. be able to speak and write effectively
3. be able to function knowledgeably and critically as a consumer and practitioner in the diverse field of communication
4. be media literate
5. have competency in critical theory and problem solving
6. have developed an awareness of the moral and ethical issues involved in human interaction

## REQUIREMENTS FOR A BACHELOR OF ARTS IN COMMUNICATION

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

- 1.0 Courses required for all Communication majors:  
CMSC 103 and COMM 105, 477

9 cr

- 1.1 **Approved Courses in Tracks**

15-33 cr

### Organizational Communication and Public Relations

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

### Theatre

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

### Radio/TV/Film

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

## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

# PROGRAMS OF STUDY

## Journalism

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

## Advertising

### COMM:

- 209 Principles of Advertising
- 210 Retail Advertising and Promotion
- 302 The Broadcast Commercial
- 303 Direct-Response Advertising
- 304 Writing for Advertising

### ART:

- 101 Fundamentals of Art and Design
- One course (200 level or above) from the following:
  - HIST, PSYC, SOC, POSC, or ANTH
- One upper level (300 or 400) writing in ENG
- One Management Studies Course
- Two of the following Communication Courses:
  - 333 Comm. Revolution
  - 420 Comparative Systems
  - 432 Media Ethics
  - 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

- 1.2 Each student is required to take three additional upper-level courses at the 300-400 level. 9 cr
- 

- 1.3 Note: Internships carry elective credits and will not fulfill the above requirements.

## Credit Requirements in Communication

33 -51 cr

- 2.0 Core/Liberal Studies Requirements

- 2.1 FOUNDATION

- |                   |        |
|-------------------|--------|
| Philosophy/Ethics | 6 cr   |
| Writing           | 3-6 cr |

9-12 cr

- 2.2 DISTRIBUTION\*

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

24-36 cr

## Total Core/Liberal Studies Requirement

33-48 cr

3.0 Electives

21-54 cr

**Total Credit Requirement for Graduation**

120 cr

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

### REQUIREMENTS FOR A MINOR IN COMMUNICATION ARTS

COMM 105 and CMSC 103 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

### RECOMMENDED PROGRAM SEQUENCE FOR A COMMUNICATION MAJOR

#### FRESHMAN YEAR

##### FALL

Core/LS PHIL 101

Core/LS Writing

CMSC 103

COMM 105 or Elective

Core/LS

##### SPRING

Core/LS

Core/LS Writing or Elective

Elective or COMM 105

Core/LS

Core/LS

#### SOPHOMORE YEAR

##### FALL

Major Elective

Core/LS

Core/LS or Elective

Elective

Elective

##### SPRING

Major Elective

Core/LS

Core/LS or Elective

Major Elective

Elective

#### JUNIOR YEAR

##### FALL

Major Elective

Major Elective

Core/LS PHIL 300

Core/LS

Elective

##### SPRING

Major Elective

Core/LS

Core/LS

Elective

Elective

#### SENIOR YEAR

##### FALL

Major Elective

Core/LS

Elective

Elective

Elective

##### SPRING

Major Elective

COMM 477 Capping Course

Elective

Elective

Elective

## COMPUTER 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 offer 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.

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

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

#### 1.0 Course Requirements in CSIS and CIS

CSIS 110, 120, 121, 130	11 cr
CIS 236, 321, 404, 406, 408, 461, 492	21 cr
CIS Upper Level Elective (Excludes Internship)	3 cr
CIS 477 Capping Course	3 cr

#### Credit Requirement in CSIS and CIS

38 cr

#### 2.0 Course Requirements in Related Fields

MATH 115, 130, 230, 250	12 cr
ECON 101, 102	6 cr
BUS 101, 340	6 cr
ACCT 203, 204	6 cr

#### Related Field Elective (200 level and up) in

CIS, CMSC, MATH, BUS, ECON (Excludes CIS Internship)	3 cr
--	------

#### Credit Requirement in Related Fields

33 cr

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

71 cr

#### 3.0 Core/Liberal Studies Requirements

##### 3.1 FOUNDATION COURSES

Philosophy/Ethics	3-6 cr
PHIL 101 Intro to Philosophy and PHIL 300 Ethics (for students entering with 0-23 credits)	
PHIL 103 (for students entering with 24 or more credits)	
Writing (determined by Writing Placement Test)	3-6 cr
ENG 116 and 117, or ENG 117, or ENG 218	
History	3 cr
HIST 135	

9-15 cr

##### 3.2 DISTRIBUTION STUDIES\*

Fine Arts	3 cr
History	3 cr
Literature	6 cr
Mathematics (these are fulfilled by Course Requirements in Related Fields)	0 cr
Natural Science	6 cr

REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

Philosophy/Religious Studies	3 cr	
Social Science (these are fulfilled by Course Requirements in Related Fields)	0 cr	
		<u>21 cr</u>

**Total Credit Requirement Core/Liberal Studies** 30-36 cr

4.0 Electives (and/or Internships)	13-19 cr
Students interested in an internship are advised to defer free electives until after completing the sophomore year.	
The internship credit maximum is 12 credits.	

**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 second course in certain areas. See Foreign Language Option description under the Core/Liberal Studies Curriculum in this catalog.*

### REQUIREMENTS FOR A MINOR IN COMPUTER INFORMATION SYSTEMS

The minor in Computer Information Systems requires students to complete all of the eight courses shown below. Due to the course prerequisites and other interdependencies, students are recommended to commence the minor not later than the Fall semester of their Sophomore year in order to complete the sequence in the Spring Semester of their Senior Year. Students who wish to pursue CIS studies beyond the CIS Minor would be encouraged to take CIS 408 and CIS 461 after the courses shown below.

CSIS 110, 120, 121, 130	11 cr
MATH 250	3 cr
CIS 236, 404	6 cr
BUS 101	3 cr
	<u>23 cr</u>

**Total Credit Requirement for a Minor in CIS** 23 cr

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

#### FRESHMAN YEAR

##### FALL

CSIS 120 Computing Studies I	4 cr
CSIS 110 Comp Stud Seminar	1 cr
MATH 130 Intro Statistics I	3 cr
PHIL 101 Intro Philosophy	3 cr
Core/LS Writing	3 cr
	<u>14 cr</u>

##### SPRING

CSIS 121 Computing Studies II	3 cr
CSIS 130 Comp Stud Concepts	3 cr
MATH 250 Discrete Math I	3 cr
HIST 135 Origins Mod Times	3 cr
Core/LS Writing	3 cr
	<u>15 cr</u>

#### SOPHOMORE YEAR

##### FALL

CIS 236 Prob Solv Prog	3 cr
BUS 101 Mang Org Behavior	3 cr
ECON 101 Prin Macroeconomics	3 cr
ACCT 203 Financial Accounting	3 cr
MATH 115 Calc w/Mgt App	3 cr
	<u>15 cr</u>

##### SPRING

CIS 321 Arch Hard & Software	3 cr
MATH 230 Operational Models	3 cr
ECON 102 Prin Microeconomics	3 cr
ACCT 204 Managerial Accounting	3 cr
Core/LS Elective	3 cr
	<u>15 cr</u>

## JUNIOR YEAR

### FALL

CIS 404 Systems Analysis Meth	3 cr
CIS 408 Data Management	3 cr
Core/LS Elective	3 cr
Core/LS Elective	3 cr
Core/LS Elective	3 cr
	<hr/>
	15 cr

### SPRING

CIS 406 Data Communications	3 cr
CIS 461 Systems Design Methods	3 cr
Core/LS Ethics	3 cr
Core/CIS Upper Level Elective*	3 cr
Core/LS Elective	3 cr
	<hr/>
	15 cr

## SENIOR YEAR

### FALL

CIS 492 CIS Project	3 cr
BUS 340 Marketing Management	3 cr
Core/LS Elective	3 cr
Elective	3 cr
Elective	3 cr
Elective	1 cr
	<hr/>
	16 cr

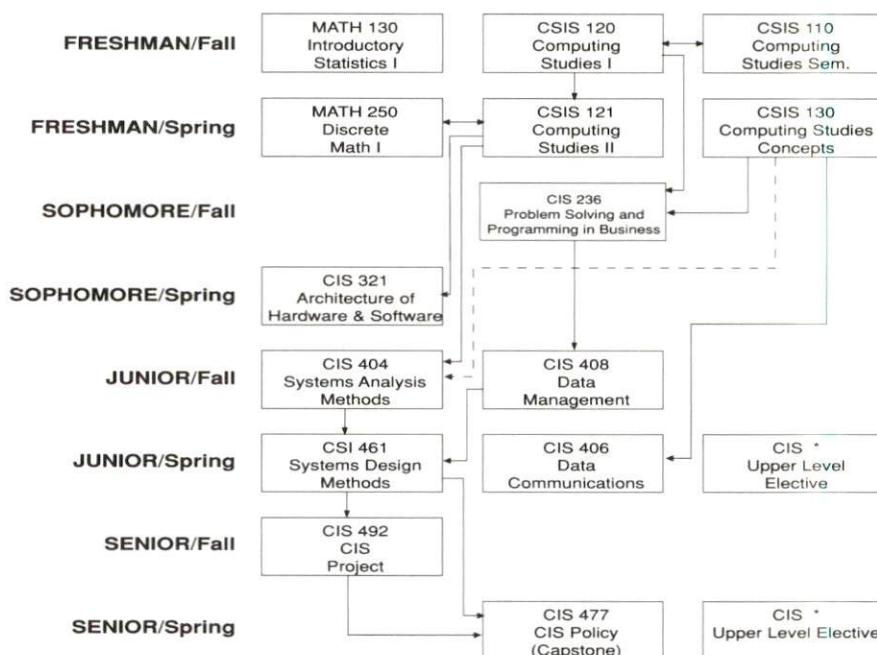
### SPRING

CIS 477 CIS Policy (Capping)	3 cr
CIS Upper Level Elective*	3 cr
Related Field Elective#	3 cr
Elective	3 cr
Elective	3 cr
	<hr/>
	15 cr

\* The CIS Upper Level Elective may be taken during either the Junior or the Senior year providing appropriate prerequisites have been met. The CIS Upper level elective will always be different in any two successive years in order to offer maximum flexibility.

# Three additional Management Studies courses are required for a Minor in Business (BUS 301 Personnel Administration, BUS 320 Financial Management, and one 400 level non-CIS Business Concentration course). See Requirements for a Minor in Business Administration under Business Administration in this catalog.

## CIS COURSES IN A SAMPLE SEQUENCE



\* The CIS Upper Level Elective may be taken during either the junior or senior year. Prerequisites depend on the course chosen.

## 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 in both areas of study. A minor in Computer

Science or Mathematics is not available to a Computer Math Major. Students interested in a teaching career can pursue a course of study leading to provisional certification in mathematics at the secondary school level.

### 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\*\*

CSIS 110, 120, 121	8 cr
CMSC 230 or 233, 331, 335	9 cr
MATH 210, 221, 222, 240, 250, 320, 322, 330	22 cr
MATH 477 or CMSC 477 Capping Course	3 cr
Additional upper level MATH courses(4)	
MATH 321,331, 410, 430, 440, 450	12 cr

#### 2.0 Course Requirements in Related Fields: None

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

54 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 major 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, 424

24-27 cr

#### Total Credit Requirement for Graduation

120 cr

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

\*\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.

RECOMMENDED PROGRAM SEQUENCE FOR BACHELOR OF ARTS IN COMPUTER MATHEMATICS

**FRESHMAN YEAR**

**FALL**

Core/LS	3 cr
CSIS 120 Computing Studies I	4 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
CSIS 110 Comp Stud Seminar	1 cr
	<u>14 cr</u>

**SPRING**

CSIS 121 Computing Studies II	3 cr
Core/LS	6 cr
Core/LS Writing or Elective	3 cr
Math 250 Discrete Math I	3 cr
Math 240 Problem Seminar I	1 cr
	<u>16 cr</u>

**SOPHOMORE YEAR**

**FALL**

MATH 221 Calculus I	3 cr
CMSC 230 or 233 Assem Prog/Lang Study	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
Core/LS	6 cr
Elective	3 cr
	<u>15 cr</u>

**JUNIOR YEAR**

**FALL**

MATH 320 Calculus III	3 cr
MATH 330 Probability & Statistics	3 cr
Elective	3 cr
MATH Elective	3 cr
CMSC 331 Theory of Prog Lang.	3 cr
	<u>15 cr</u>

**SPRING**

CMSC 335 Adv. Data Structure	3 cr
MATH Elective	3 cr
Core/LS	6 cr
MATH 322 Calculus IV	3 cr
	<u>15 cr</u>

**SENIOR YEAR**

**FALL**

Core/LS Ethics	3 cr
Elective	9 cr
MATH Elective	3 cr
	<u>15 cr</u>

**SPRING**

MATH 477/ CMSC 477 Capping Course	3 cr
Elective	6 cr
MATH Elective	3 cr
Core/LS	3 cr
	<u>15 cr</u>

## 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

CSIS 110, 120, 121, 131	11 cr
CMSC 230, 312, 330, 331, 335, 415, 422, 435	24 cr
CMSC 477 Capping Course	3 cr

Any three upper level courses to be selected from the following: 9 cr

- Any 300 or 400 level CMSC courses except internship
- Any 500 level graduate CS/software development course.  
(Permission of instructor and chair required.)

47 cr

#### 2.0 Course Requirements in Related Fields

MATH 130, 221, 222, 250, 251	15 cr
Science Elective Course	3 cr
Laboratory Science Sequence (Physics I-II recommended)	8 cr

26 cr

#### Total Credit Requirement for a Major in Computer Science

73 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 major field req.)
Social Science	6 cr	
History* (HIST 135 Origins of Mod. Times Required)	6 cr	
Literature*	6 cr	
Mathematics	0 cr	(fulfilled by major field req.)
Fine Arts	3 cr	
Philosophy/Religious Studies	3 cr	

24 cr

\*The second course may be substituted by a course in foreign language at the intermediate level or above.

#### Total Core/Liberal Studies Requirement

33-36 cr

#### 4.0 Electives (and/or Internship)

Internship is limited to a maximum of 12 credits.

11-14 cr

#### Total Credit Requirement for Graduation

120 cr

## REQUIREMENTS FOR A MINOR IN COMPUTER SCIENCE

The minor in Computer Science requires 9 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 credit must include all of the following courses:

CSIS 110, 120, 121	8 cr
MATH 250	3 cr
CMSC 230	3 cr
Two CMSC courses selected from the following:	6 cr
CMSC 233 or	
Any 300 or 400 level course except internship.	

**Total Credit Requirement for a Minor in Computer Science**

20 cr

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

### FRESHMAN YEAR

FALL		SPRING	
CSIS 110 Comp Stud Seminar	1 cr	CSIS 121 Comp Stud II	3 cr
CSIS 120 Comp Stud I	4 cr	MATH 250 Discrete Math I	3 cr
Math 130 Intro Stat I	3 cr	CSIS 130 Comp Stud Concept	3 cr
Phil 101 Intro Philosophy	3 cr	HIST 135 Origin Mod Times	3 cr
Eng 116 College Writing I	3 cr	ENG 117 College Writing II	3 cr
	14 cr		15 cr

### SOPHOMORE YEAR

FALL		SPRING	
CMSC 230 Assem Lang Prog	3 cr	CMSC 312 Software Develop.	3 cr
MATH 221 Calculus I	3 cr	MATH 222 Calculus II	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Science Elective	3 cr	CMSC 330 Logic Design	3 cr
	15 cr		15 cr

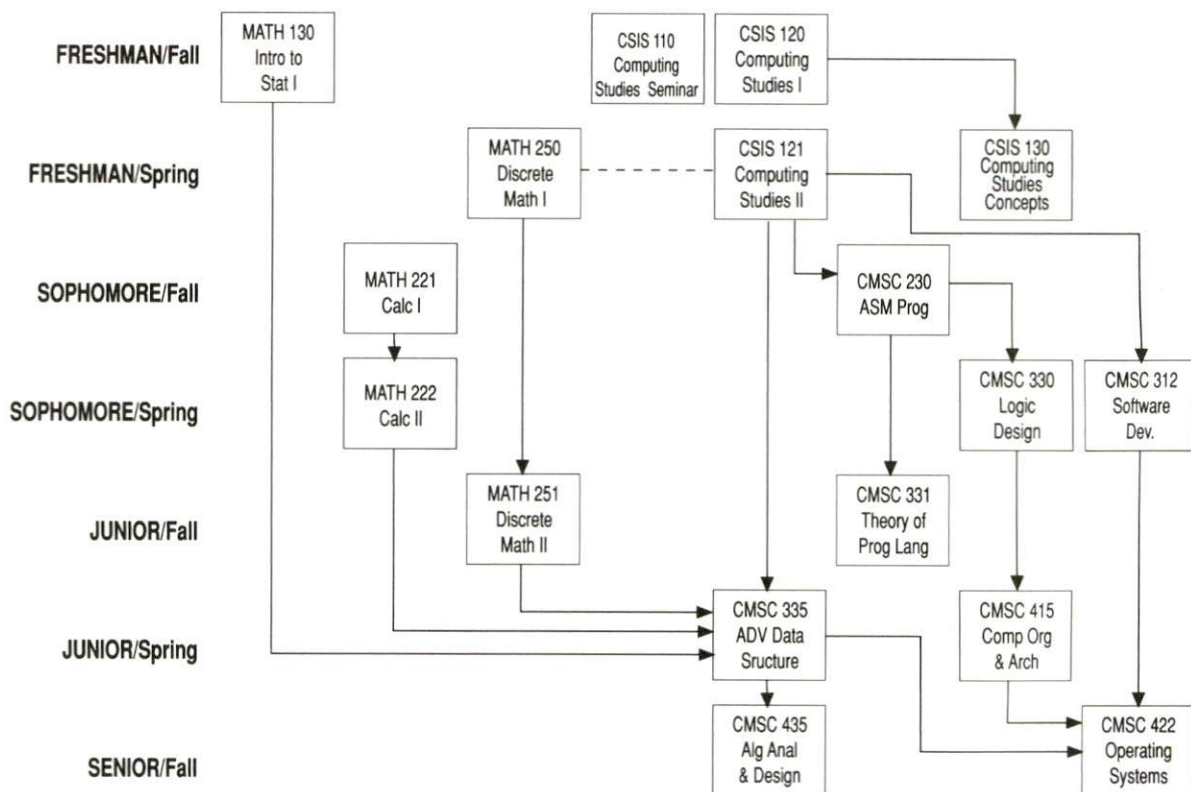
### JUNIOR YEAR

FALL		SPRING	
CMSC 331 Theory of Pro Lang	3 cr	CMSC 335 Adv. Data Struct.	3 cr
Elective	3 cr	Elective	3 cr
MATH 251 Discrete Math II	3 cr	CMSC 415 Comp Org & Arch	3 cr
Core/LS Lab Sci Sequence	4 cr	Core/LS Lab Sci Sequence	4 cr
Core/LS	3 cr	Ethics	3 cr
	16 cr		16 cr

### SENIOR YEAR

FALL		SPRING	
CMSC 422 Operating Systems	3 cr	CMSC 477 Capping Course	3 cr
CMSC 435 Algo Anal & Des	3 cr	Upper Level Comp Sci Elect	3 cr
Upper Level Comp Sci Elect	3 cr	Upper Level Comp Sci Elect	3 cr
Elective	3 cr	Elective	2 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		14 cr

COMPUTER SCIENCE PREREQUISITE STRUCTURE



## CRIMINAL 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.

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 usually admitted as junior year students.

A six credit internship experience is designed to integrate the theoretical knowledge learned in the classroom with the practical knowledge of working in the field. The internships thus provide experiences designed to assist the student in his/her choice of career in the criminal justice field.

### REQUIREMENTS FOR A BACHELOR OF SCIENCE IN CRIMINAL JUSTICE

Note: A minimum of 60 credits in Liberal Arts required for Criminal Justice students.

1.0 Course Requirements in Criminal Justice		
CRJU 101, 102, 201, 223, 303, 304 or 305, 370, 374, 440	27 cr	
CRJU 496, 497 Internship I and II	6 cr	
CRJU 477 Capping Course	3 cr	
1.1 THREE additional Criminal Justice courses	9 cr	
<b>Credit Requirement in Criminal Justice</b>		<b>45 cr</b>
2.0 Course Requirements in Related Fields		
MATH 130 Introductory Statistics I	3 cr	
CMSC 103 Intro to Computer Systems	3 cr	
COMM 105 Public Speaking	3 cr	
PHYS ED	2 cr	
<b>Credit Requirement in Related Fields</b>		<b>11 cr</b>
<b>Total Credit Requirement for a Major in Criminal Justice</b>		<b>56 cr</b>
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	
		(Remaining 3 cr. will be met by related field req.)
Natural Science	6 cr	
Philosophy/Religious Studies	3 cr	
Social Science	6 cr	
		<b>33 cr</b>
<b>Total Core/Liberal Studies Requirement</b>		<b>42-45 cr</b>

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 CRIMINAL JUSTICE**

**FRESHMAN YEAR**

**FALL**

CRJU 101 Intro to Crim. Just	3 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
Core/LS	3 cr
CMSC 103 Intro. to Computer Sys	3 cr
	<u>15 cr</u>

**SPRING**

CRJU 102 Criminology	3 cr
Core/LS	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 Elective	3 cr
Core/LS	3 cr
COMM 105 Public Speaking	3 cr
Core/LS	3 cr
Core/LS	3 cr
	<u>15 cr</u>

**SPRING**

CRJU 223 Juvenile Delinquency	3 cr
MATH 130 Intro. to Statistics	3 cr
CRJU 201 Police Organ.&Admin	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 <u>or</u>	
CRJU 305 Juvenile Justice System	3 cr
CRJU 370 Theories of Punishment	3 cr
CRJU Elective	3 cr
General Elective	3 cr
Core/LS PHIL 300	3 cr
PHYS ED	1 cr
	<u>16 cr</u>

**SENIOR YEAR**

**FALL**

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

**SPRING**

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

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**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 Criminal 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  
Criminal Justice Concentration**

30 cr

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

## ECONOMICS

**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.

### REQUIREMENTS FOR A BACHELOR OF ARTS IN ECONOMICS

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

1.0 Course Requirements in Economics		
ECON 101, 102 301, 302, 477	15 cr	
FIVE additional ECON courses	15 cr	
<b>Credit Requirement in Economics</b>		<b>30 cr</b>
2.0 Course Requirements in Related Fields		
ACCT 203, 204	6 cr	
MATH 115, 130, 230	9 cr	
CMSC 103	3 cr	
<b>Credit Requirement in Related Fields</b>		<b>18 cr</b>
<b>Total Credit Requirement for a Major in Economics</b>		<b>48 cr</b>
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 major field req.)
Natural Science	6 cr	
Philosophy/Religious Studies	3 cr	
Social Science	0 cr	(fulfilled by major field req.)
		<b>24 cr</b>
<b>Total Core/Liberal Studies Requirement</b>		<b>33-36 cr</b>
4.0 Electives		<b>36-39 cr</b>
<b>Total Credit Requirement for Graduation</b>		<b>120 cr</b>

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

## REQUIREMENTS FOR A MINOR IN ECONOMICS

Introductory Level Courses		
ECON 101,102	6 cr	
MATH 115,130	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
<b>Total Credit Requirement for a Minor in Economics</b>		<b>24 cr</b>

## RECOMMENDED PROGRAM SEQUENCE FOR THE B.A. IN ECONOMICS

### FRESHMAN YEAR

FALL	SPRING
Core/LS PHIL 101	Core/LS
CMSC 103 Intro. to Computer Sys.	Core/LS
Core/LS Writing	Core/LS Writing or Elective
MATH 108 Interm. Algebra or Elective	MATH 115 Calculus/Mgmt. Appl.
ECON 101 Principles of Macroeconomics	ECON 102 Principles of Microeconomics

### SOPHOMORE YEAR

FALL	SPRING
MATH 130 Introductory Statistics	MATH 230 Operational Models
ECON 301 Intermediate Macroeconomics	ECON 302 Intermediate Microeconomics
Core/LS	Core/LS
Core/LS	Elective
Elective	Elective

### JUNIOR YEAR

FALL	SPRING
ACCT 203 Financial Acct.	ACCT 204 Managerial Acct.
Economics Elective	Economics Elective
Core/LS	Economics Elective
Elective	Core/LS
Elective	Elective

### SENIOR YEAR

FALL	SPRING
Economics Elective	ECON 477 Contemporary Issues
Economics Elective	Core/LS
Core/LS PHIL 300	Elective
Elective	Elective
Elective	Elective

## EDUCATION

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

**RONALD R. CROMWELL**, Ed.D., *Director of  
Teacher Education*

**ELIZABETH NOLAN**, M.A., *Coordinator of Teacher  
Education*

Marist College offers New York State approved and registered undergraduate programs leading to provisional certification in the following fields:

Special Education K-12/Elementary N-6

English 7-12

Social Studies 7-12

Mathematics 7-12

French 7-12

Spanish 7-12

Biology 7-12

Chemistry 7-12

The program of study leading to recommendation for dual certification in Special Education K-12 and Elementary Education N-6 integrates a strong professional studies sequence with a broad background in the liberal arts and depth in the academic discipline of psychology. Graduates of this program are prepared to teach in the regular elementary classrooms (N-6), and to teach special needs students at all levels (K-12). They learn to deal with a variety of educational handicaps with special focus on mental retardation, learning disabilities and behavioral disorders.

The program of study in Secondary Education, Grades 7 through 12, integrates teacher preparation with the student's academic major in the secondary school subject area.

To meet the remaining requirements for provisional certification in New York State, all teaching candidates must pass qualifying N.Y. examinations. Under an Interstate Agreement, the NYS provisional certificate facilitates receiving initial teaching certificates in 24 states. Permanent NYS teaching certification, under regulations scheduled to go into effect in September 1993, is achieved by the following: satisfactory completion of a one-year supervised teaching internship, a master's degree, and a passing score on an examination in the area of the teaching certificate and an assessment of teaching skills.

## SECONDARY EDUCATION

### PROGRAM REQUIREMENTS

The following 28 credits in the professional education sequence are required to qualify for secondary certification in the student's academic major:

Psyc 207 Psychology of the Exceptional Child	3 cr.
Psyc 208 Educational Psychology	3 cr.
Phil 233 Philosophy of Education	3 cr.
Educ 362 Measurement and Evaluation	3 cr.
Educ 211 Participation/Observation in the Secondary School	1 cr.
Educ 420-428 Methods of Teaching (Subject) in the Secondary School	3 cr.
Educ 415 Student Teaching in the Secondary School	12 cr.
	28 cr.

A minimum grade of C must be earned in all required courses in this professional sequence. In addition to major field, Core/Liberal Studies, and professional education courses, teaching applicants must also meet a foreign language requirement by one of the following means: completing the 6 cr. foreign language option offered in the Core/Liberal Studies program; completing a year of foreign language study at any level; or passing a foreign language proficiency test.

### ADMISSION TO THE PROGRAM

Students who declare their intention to seek teaching certification in their academic major are assigned an education adviser as well as a major field faculty adviser. During freshman and sophomore years, students meet regularly with both advisers to design their program of study and to ensure that they will meet the requirements for formal admission to the secondary program in their junior year. Formal admission is based upon the following minimum criteria: a major field grade point average of 3.0 with no grade below C, passing of the college's writing proficiency requirement, an above average cumulative grade point average, qualifying scores on the tests required by NYS, three letters of recommendation from the college faculty, and an interview by members of the Secondary Education Council.

## SPECIAL EDUCATION/ ELEMENTARY EDUCATION

### PROGRAM REQUIREMENTS

The following courses comprise the professional education sequence for the psychology major in special education/elementary education. By completing this professional sequence, remaining psychology major requirements, and Core/Liberal Studies requirements, the candidate earns the BA degree in Psychology. For further information on the psychology special education option, see the Psychology section of this catalog.

#### Required Courses in the Certification Sequence

Note: Psyc 101 Introduction to Psychology (3 cr.) is a prerequisite for all upper level Psych courses.

Educ 091 Fieldwork in Education	0 cr.
Psyc 207 Psychology of the Exceptional Child	3 cr.
Psyc 208 Educational Psychology	3 cr.
Psyc 231 Practicum in Preschool Child Development	3 cr.
Psyc 317 Psychology of Child Development	3 cr.
Psyc 362 Measurement and Evaluation	3 cr.
Psyc 371 Psychological Disorders of Childhood	3 cr.
Psyc 372 Psycho-Educ Assessment of Handicaps	3 cr.
Educ 241 Math for Elementary and Spec Ed	3 cr.
Educ 350 Teaching of Reading for Elem/Spec Ed I	3 cr.
Educ 351 Teaching of Reading for Elem/Spec Ed II	3 cr.
Educ 360 Workshop in Curric Devel	3 cr.
Educ 373 Meth and Materials for Moderately Handicap	3 cr.
Educ 374 Meth & Materials for Mildly Handicap	3 cr.
Educ 462 Student Teaching: Elem and Spec Ed.	12 cr.
Phil 233 Philosophy of Education	3 cr.

After September 1993, candidates for NYS teaching certification must also meet a foreign language requirement by one of the following means: completing the 6 cr. foreign language option in the Core/Liberal Studies program; completing a year of foreign language study at any level; or passing a foreign language proficiency test.

### ADMISSION TO THE PROGRAM

Students interested in pursuing certification in this dual certificate program must register with the Office of Teacher Education, Dyson, Room 345, in first semester of freshman year to ensure completion of requirements necessary for admission to upper-level courses in the junior year. Formal application for these courses and letters of recommendation must be submitted during spring of sophomore year. Minimum requirements for admission to these junior level courses are: a grade point average of 2.7 or higher, grades of C+ or higher in all prerequisite courses in the professional education sequence, qualifying scores on the tests required by NYS.

Continuation in the program and acceptance into student teaching is based upon suitability and competence to teach as demonstrated through completed courses, field placements, and an interview by education faculty.

The following chart illustrates the recommended course sequence. All courses are 3-credit courses, with the exception of early fieldwork and student teaching.

## PROGRAMS OF STUDY

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### FRESHMAN YEAR

#### FALL

Introduction to Psychology

#### SPRING

Fieldwork in Education

### SOPHOMORE YEAR

#### FALL

Psychology of Exceptional Child  
Psychology of Child Development

#### SPRING

Educational Psychology  
(Preschool Practicum - Option II)

### JUNIOR YEAR (Option I)

#### FALL

Psycho-Ed Assessment  
Preschool Practicum  
Psychological Disorders of Childhood

#### SPRING

Reading in Elem/Spec Ed I  
Meth and Materials for Mildly Handicapped  
Meth and Materials for Moderately Handicapped  
Math for Elem/Spec Ed Teachers  
Measurement and Evaluation

### SENIOR YEAR

#### FALL

Reading in Elem/Spec Ed II  
Workshop in Curriculum Dev. (Sci /Soc. St.)  
Philosophy of Education

#### SPRING

Student Teaching (12 cr)  
Philosophy Capping Course

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### JUNIOR YEAR (Option II)

#### FALL

Reading in Elem/Spec Ed I  
Psycho-Ed Assessment  
Measurement & Evaluation

#### SPRING

Reading in Elem/Spec Ed II  
Meth and Materials for Mildly Handicapped  
Meth and Materials for Moderately Handicapped  
Math for Elem/Spec Ed Teachers  
Workshop in Curriculum Dev. (Sci/Soc. St.)

### SENIOR YEAR

#### FALL

Student Teaching (12 cr.)  
Psychology Capping

#### SPRING

Psychological Disorders of Children  
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**

**VINCENT L. TOSCANO**, Ph.D., *Divisional Chairperson*  
**MILTON TEICHMAN**, Ph.D., *Coordinator*

The English program offers concentrations in literature and in writing; goals and principles underlying both concentrations are the same:

1. To increase the student's appreciation and understanding of the literary, pragmatic and rhetorical uses of language.
2. To develop the student's ability to write effectively in a variety of situations.
3. To help the student become more receptive to the many-sided pleasures of reading and of writing.
4. To enable the student to see how literary and non-literary texts illuminate the complexity of human experience.
5. To heighten the student's awareness of the moral and ethical implications of literary and non-literary texts.
6. To foster the student's intellectual, aesthetic, and professional creativity.

The professional goals of the two concentrations are similar:

1. To prepare students for careers utilizing analytical and writing skills in such fields as business, industry, education, government, and media.
2. To prepare students for graduate studies in literature and writing and in fields that require analytic, interpretive and writing skills.
3. In conjunction with the Teacher Education Program, to prepare students for careers in secondary education.

**CONCENTRATION IN LITERATURE**

The literature concentration provides students with a sense of the historical development of the Western literary tradition, especially that of English and American Literature. Students also examine how that tradition is continually re-formed and re-shaped as writers from previously excluded cultural traditions and once-marginalized groups are added to the canon. Students in the concentration develop the analytical skills and the critical language to describe, analyze and evaluate literary texts.

Internships within the English department offer students the opportunity to gain experience in research and teaching, while internships from the private and public sectors present students with the opportunity to gain work experience that utilizes the analytical, interpretive, and writing skills that the concentration fosters.

**CONCENTRATION IN WRITING**

Combining literary study and a range of writing workshops, the writing concentration develops the student's skills in a number of different forms: the short story, poetry, dramatic writing, the essay, business and professional writing, and newspaper and magazine writing. Students also have the opportunity to fulfill requirements for the concentration by taking writing courses offered by other divisions of the College (e.g. Writing for Radio and TV and a variety of Journalism courses).

Internships with business, media, and civic organizations offer students in the writing concentration the opportunity to gain work experience that utilizes the writing and analytical skills that the concentration develops.

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

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

1.0 Course Requirements in Freshman and Sophomore years: ENG 210, 211, 212, 213	12 cr
1.2 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 (up to 2 of the 3 may be upper-level writing courses)	9 cr
Capping Course ENG 477	3 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

**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

**Total Credit Requirement for Graduation**

120 cr

5.0 Students are encouraged to pursue a minor in a different field to give structure and coherence to their programs.

\*See p. 78 for course listing by Group.

\*\*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 ENGLISH**  
**Concentration in Writing**

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

1.0 Course Requirements in English in Freshman and Sophomore years:  
 ENG 210, 211, 212, 213

12 cr

1.2 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

**REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE**

# PROGRAMS OF STUDY

1.3 Capping Course ENG 477		
Total Upper-Level Courses: 10	3 cr	42 cr
<i>A student may substitute a maximum of one 3-credit course in Independent Research for required upper-level courses.</i>		
1.3 The Internship in Writing		
The internship is not required but is recommended for seniors who have distinguished themselves in the Concentration in Writing.		
<b>Total Credit Requirement for the Concentration in Writing</b>		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
<b>Total Core/Liberal Studies Requirement</b>		39-42 cr
Electives		33-36 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.*

## LITERATURE COURSE GROUPINGS\*

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

- ENG 331 Renaissance Literature
- ENG 301-302 History of the English Language I-II
- ENG 303 Literary Critical Theory
- 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 Ancient Greek Literature
- ENG 361 The Ancient Roman and Early Christian Literature
- 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 336 The Age of Satire and Sensibility
- ENG 334 The English Romantics
- ENG 335 Victorian Prose and Poetry

*(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 380 Workshop in Nonfiction
- ENG 382 Workshop in Fiction
- COMM 322 Journalism
- COMM 327 Writing for Radio and TV
- COMM 426 Advanced Journalism

## REQUIREMENTS FOR A SECONDARY TEACHING CERTIFICATION FOR ENGLISH MAJORS

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. The major program must include a course in linguistics or history of the language. 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 211 Participation/Observation in Secondary Schools	1 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
	PSYC 207 Psychology of the Exceptional Child	3 cr
	EDUC 362 Measurement and Evaluation	3 cr
	EDUC 415 Student Teaching in the Secondary Schools	12 cr
3.0	Two semesters of study of a Foreign Language (any level). Students may substitute these courses for a second Core course in certain areas.	0-6cr.
4.0	Two courses in Communication Arts appropriate to preparation for secondary teaching. Students should consult their advisors in making selections. The courses may be dual-listed and applied toward the major.	0-6cr
<b>Total credit requirement for teaching certificate in English</b>		<b>70-82 cr</b>

## REQUIREMENTS FOR A MINOR IN ENGLISH

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>21 cr</b>

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.

## RECOMMENDED PROGRAM SEQUENCE FOR ENGLISH MAJOR

### FRESHMAN YEAR

#### FALL

Core/LS PHIL 101  
ENG 116 or 117  
ENG 212 Eng Lit I or ENG 210 Amer. Lit I  
Core/LS  
Core/LS

#### SPRING

Core/LS  
ENG 117 or Elective  
ENG 213 ENG Lit II or ENG 211 Amer. Lit II  
Core/LS  
Core/LS

### SOPHOMORE YEAR

#### FALL

ENG 210 Amer Lit I or Eng 212 Eng Lit I  
Upper Level English Course  
Core/LS  
Core/LS  
Elective

#### SPRING

ENG 211 Amer Lit II or Eng 213 Eng Lit II  
Upper Level English Course  
Core/LS  
Core/LS  
Elective

### 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 PHIL 300  
Elective  
Elective

### SENIOR YEAR

#### FALL

Upper Level English Course  
Upper Level English Course  
Elective  
Elective  
Elective

#### SPRING

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

## ENVIRONMENTAL SCIENCES

**ANDREW A. MOLLOY**, Ph.D., *Divisional*

*Chairperson*

**Thomas R. Lynch**, *Program Director (Ph.D.,*

*Aquatic Ecology Environmental Toxicology)*

#### **Affiliated Faculty:**

JoAnne Myers (Ph.D. Political Science,

Environmental Planning),

Matthew Poslusny (Ph.D., Environmental Chemistry)

Theresa Snyder (Plant Ecology).

The environmental science program is based on the application of biology, chemistry, and the public policy to solve problems in the areas of pollution control and resource conservation. It focuses on the need for the interdisciplinary approach to understanding and solving

the vast areas of complex environmental problems. The program provides students with the necessary knowledge and skills through the integration of courses in the sciences, public policy, economics and mathematics. Students are required to gain additional professional experience through either a 6 credit field internship or a faculty-directed senior research project. Upon graduation, students are adequately prepared for entry level positions in the environmental science laboratories, government agencies, consulting firms, and advocacy groups or for entry to graduate and law schools.

**REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE, BIOLOGY EMPHASIS**

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

1.0 Course Requirements in Environmental Science**		
ENSC 101, 310, 312, 313, 404, 380, (440 & 441) or (398 & 399), 477		
<b>Requirement in Environmental Science</b>		27cr
2.0 Course Requirements in Related Fields**		
BIOL 110,111,112,113, 211, 312, 320, 330, 350, 420 or 440		
CHEM 111,112,113,114, (201 & 202)or(211, 212, &213)		
MATH 130, (131 or 115)		
CMSC 103		
<b>Credit Requirement in Related Fields</b>		53-57cr
Total Credit Requirement for a Major in ENSC—Biology		80-84cr
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	
Social Science	6 cr	
Philosophy/Religious Studies	3 cr	
		24 cr
<b>Total Core/Liberal Studies Requirement</b>		33-36 cr
4.0 Electives		
		0-7cr
<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.

\*\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.

# **REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE, CHEMISTRY EMPHASIS**

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

## **1.0 Course Requirements in Environmental Science\*\***

ENSC 101, 310, 312, 380, 404 (440 & 441) or ( 398 & 399) , 477

### **Requirement in Environmental Science**

24 cr

## **2.0 Course Requirements in Related Fields\*\***

BIOL 110,111,112,113, 312, 330, 350

CHEM 111,112,113,114, 211, 212, 213, 351, 420

MATH 130, 221, 222

CMSC 103

### **Credit Requirement in Related Fields**

55 cr

### **Total Credit Requirement for a Major in ENSC—Chemistry**

79 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

Social Science

6 cr

Philosophy/Religious Studies

3 cr

24 cr

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

33-36 cr

## **4.0 Electives**

5-8 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.*

*\*\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.*

## REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE, POLICY EMPHASIS

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

### 1.0 Course Requirements in Environmental Science\*\*

ENSC 101, 202, 305, 380, 420, 425, (440 & 441) or (398 & 399), 477

#### Requirement in Environmental Science

27 cr

### 2.0 Course Requirements in Related Fields\*\*

BIOL 110, 111, 112, 113, 330, 350

CHEM 101, 201, 202

MATH 130, (131 or 115)

CMSC 103

ECON 101, 102

POSC 101, 110, 240

And 6 credits selected from the following courses:

ECON 421, 442

ENSC 230, 330

POSC 273, 353, 372

#### Credit Requirement in Related Fields

51 cr

#### Total Credit Requirement for a Major in ENSC—Policy

78 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

Philosophy/Religious Studies

3 cr

18 cr

#### Total Core/Liberal Studies Requirement

27-30 cr

### 4.0 Electives

12-15 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.

\*\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.

# PROGRAMS OF STUDY

## REQUIREMENTS FOR A MINOR IN ENVIRONMENTAL SCIENCE\*

### Required Courses

BIOL 110, 111, 112, 113, 330, 350	14 cr	
CHEM 101, 201, 202	7 cr	
ENSC 101, 380	6 cr	
MATH 130	3 cr	
		<b>30 cr</b>

### Elective Courses (choose 9 credits from the courses listed below)

BIOL 420		
ENSC 202, 305, 310, 312, 404, 425		
		<b>9 cr</b>

### Total Credit Requirement for ENSC Minor

39 cr

## RECOMMENDED PROGRAM SEQUENCE FOR ENSC-BIOLOGY MAJOR\*

### FRESHMAN YEAR

#### FALL

BIOL 110 Gen Bio I	3 cr
BIOL 112 Gen Bio Lab I	1 cr
CHEM 111 Gen Chem I	3 cr
CHEM 113 Gen Chem Lab I	2 cr
ENSC 101 Intro Env Iss	3 cr
Core/LS Writing	3 cr
	<b>15 cr</b>

#### SPRING

BIOL 111 Gen Bio II	3 cr
BIOL 113 Gen Bio Lab II	1 cr
CHEM 112 Gen Chem II	3 cr
CHEM 114 Gen Chem Lab II	2 cr
HIST 135 Origins	3 cr
PHIL 101 Intro to Phil	3 cr
	<b>15 cr</b>

### SOPHOMORE YEAR

#### FALL

BIOL 211 Botany	4 cr
CHEM 201 Intr Org Chem	3 cr
CHEM 202 Intr Org Lab	1 cr
MATH 130 Intro Stat I	3 cr
Core/LS	6 cr
	<b>17 cr</b>

#### SPRING

BIOL 330 Ecology	3 cr
MATH 131 Intro Stat II OR	
MATH 115 Calc Man Appl	3 cr
CMSC 103 Intro Comp Sys	3 cr
Core/LS	6 cr
	<b>15 cr</b>

### JUNIOR YEAR

#### FALL

BIOL 312 Microbiology	3 cr
BIOL 350 Field/Lab Ecol	3 cr
ENSC 310 Env Chem	3 cr
PHIL 300 Ethics	3 cr
Core/LS	3 cr
	<b>15 cr</b>

#### SPRING

BIOL 420 Invert Zoo OR	
BIOL 440 Vert Physiol	4 cr
ENSC 312 Env Chem Lab	2 cr
ENSC 313 Env Microbiol	3 cr
ENSC 380 Prin Env Assess	3 cr
	<b>12 cr</b>

### SENIOR YEAR

#### FALL

BIOL 320 Genetics	4 cr
ENSC 440 Research I OR	
ENSC 398 Internship	3 cr
ENSC 477 Sci Med Ethics	3 cr
Core/LS	3 cr
Elective	3 cr
	<b>16 cr</b>

#### SPRING

ENSC 441 Research II OR	
ENSC 399 Internship	3 cr
ENSC 404 Env Toxicol	3 cr
Core/LS	6 cr
Elective	3 cr
	<b>15 cr</b>

\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.

# PROGRAMS OF STUDY

## RECOMMENDED PROGRAM SEQUENCE FOR ENSC-POLICY MAJOR

### FRESHMAN YEAR

#### FALL

BIOL 110 Gen Bio I	3 cr
BIOL 112 Gen Bio Lab I	1 cr
ENSC 101 Intro Env Iss	3 cr
POSC 110 Am Nat Govern	3 cr
HIST 135 Origins	3 cr
Core/LS Writing	3 cr
	<u>16 cr</u>

#### SPRING

BIOL 111 Gen Bio II	3 cr
BIOL 113 Gen Bio Lab II	1 cr
ECON 102 Prin Microecon	3 cr
PHIL 101 Intro to Phil	3 cr
POSC 101 Intro to Polit	3 cr
Core/LS	3 cr
	<u>16 cr</u>

### SOPHOMORE YEAR

#### FALL

CHEM 101 Intro to Chem	3 cr
ECON 101 Macroeconomics	3 cr
MATH 130 Intro Stat I	3 cr
Core/LS	6 cr
	<u>15 cr</u>

#### SPRING

CHEM 201 Intro Org Chem	3 cr
CHEM 202 Intr Org Lab	1 cr
ENSC 202 Pol Proc Envir	3 cr
MATH 131 Intro Stat II OR	
Core/LS	3 cr
MATH 115 Calc Man Appl	3 cr
POSC 240 Intro Publ Pol	3 cr
	<u>16 cr</u>

### JUNIOR YEAR

#### FALL

CMSC 103 Intro Comp Sys	3 cr
ENSC 420 Env Planning	3 cr
PHIL 300 Ethics	3 cr
Elective (major)	3 cr
Electives	3 cr
	<u>15 cr</u>

#### SPRING

BIOL 330 Ecology	3 cr
ENSC 305 Env Econ	3 cr
Elective (major)	3 cr
Core/LS	3 cr
Elective	3 cr
	<u>15 cr</u>

### SENIOR YEAR

#### FALL

BIOL 350 Field/Lab Ecol	3 cr
ENSC 398 Internship OR	
ENSC 440 Research I	3 cr
ENSC 425 Envir Law	4 cr
ENSC 477 Sci Med Ethics	3 cr
Elective	3 cr
	<u>16 cr</u>

#### SPRING

ENSC 380 Envir Assess	3 cr
ENSC 399 Internship OR	
ENSC 441 Research II	3 cr
Electives	6 cr
	<u>12 cr</u>

# PROGRAMS OF STUDY

## RECOMMENDED PROGRAM SEQUENCE FOR ENSC-CHEMISTRY MAJOR\*

### FRESHMAN YEAR

#### FALL

BIOL 110 Gen Bio I	3 cr
BIOL 112 Gen Bio Lab I	1 cr
CHEM 111 Gen Chem I	3 cr
CHEM 113 Gen Chem Lab I	2 cr
ENSC 101 Intro Env Iss	3 cr
Core/LS Writing	3 cr
	<u>15 cr</u>

#### SPRING

BIOL 111 Gen Bio II	3 cr
BIOL 113 Gen Bio Lab II	1 cr
CHEM 112 Gen Chem II	3 cr
CHEM 114 Gen Chem Lab II	2 cr
MATH 130 Intro Stat I	3 cr
Phil 101 Intro to Phil	3 cr
	<u>15 cr</u>

### SOPHOMORE YEAR

#### FALL

BIOL 312 Microbiology	4 cr
CHEM 211 Org Chem I	3 cr
HIST 135 Origin Mod Times	3 cr
MATH 221 Calculus I	3 cr
CMSC 103 Intro Comp Sys	3 cr
	<u>16 cr</u>

#### SPRING

BIOL 330 Ecology	3 cr
CHEM 212 Org Chem II	3 cr
CHEM 213 Org Chem Lab II	2 cr
MATH 222 Calculus II	3 cr
Core/LS	3 cr
	<u>14 cr</u>

### JUNIOR YEAR

#### FALL

BIOL 350 Field/Lab Ecol	3 cr
ENSC 310 Env Chem	3 cr
Chem 351 Quant Analysis	4 cr
Core/LS	6 cr
	<u>16 cr</u>

#### SPRING

ENSC 380 Prin Env Assmt	3 cr
ENSC 312 Env Chem Lab	2 cr
Core/LS Ethics	3 cr
Core/LS	6 cr
	<u>14 cr</u>

### SENIOR YEAR

#### FALL

ENSC 477 Sci Med Ethics	3 cr
ENSC 440 Research I OR	
ENSC 398 Internship	3 cr
CHEM 420 Biochemistry	3 cr
Core/LS	3 cr
Electives	3 cr
	<u>15 cr</u>

#### SPRING

ENSC 404 Env Toxicol	4 cr
ENSC 441 Research II OR	
ENSC 399 Internship	3 cr
Core/LS	3 cr
Electives	6 cr
	<u>16 cr</u>

\*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

**SARAH KING**, Ph.D., *Divisional Chairperson*

**MOYA DONNELLAN**, *Program Director*

**SUE DESANNA** *Associate 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.

### ADMISSION REQUIREMENTS FOR THE MARIST COLLEGE FASHION PROGRAM

#### PORTFOLIO OF WORK

The submission of a portfolio of work which reflects the candidate's aptitude and passion for clothing design.

This portfolio can consist of a variety of work - fashion illustration/sketching, photographs and/or actual examples of clothing made by the candidate.

Also acceptable are a selection of pieces from high school art classes, studio classes or independent experimentation. Drawings, figure and/or still life drawing, photography, collage, etc.

Sketch books showing prospective student's developmental processes are also welcome. The candidate's work must express enthusiasm and creativity - vital characteristics in any successful fashion student.

In exceptional circumstances, the portfolio requirement may be waived, at the director's discretion. The prospective student will then be required to submit other evidence, such as a written proposal, in support of his/her application.

Contact Admissions office for admission requirements.

#### INTERVIEW

Students whose work shows the necessary potential will be invited to interview with the fashion program's director. At the interview the candidates' motivation and enthusiasm for their subject will be evaluated. The interview should also be seen as an opportunity for the candidates to evaluate the program's suitability for their own individual needs.

Following the interview, the successful candidates will be notified by admissions.

### 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

FDS 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**

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

# PROGRAMS OF STUDY

<b>2.0 Course Requirements in one of the three Related Fields</b>			
A—Fine Arts Area (201, 208, 209)			
B—Business Area (ACCT 201, BUS 101, 380)			
C—Communication Area (105, 206, 207)			
		<b>9 cr</b>	
<b>Credit Requirement in Related Fields</b>			<b>9 cr</b>
<b>Total Credit Requirement for a Major in Fashion Design and Merchandising</b>			<b>64 cr</b>
<b>3.0 Core/Liberal Studies Requirements</b>			
<b>3.1 FOUNDATION</b>			
Philosophy/Ethics		6 cr	
Writing		3-6 cr	
			<b>9-12 cr</b>
<b>3.2 DISTRIBUTION*</b>			
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	
			<b>33 cr</b>
<b>Total Core/Liberal Studies Requirement</b>			<b>42-45 cr</b>
<b>4.0 Electives</b>			<b>11-14 cr</b>
<b>Total Credit Requirement for Graduation</b>			<b>120 cr</b>

*\*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

### FRESHMAN YEAR

FALL		SPRING	
Fashion Design	3 cr	Fashion Design II or	
Fashion Drawing and Color	3 cr	Working Sketch and Illustration	3 cr
Core/LS Writing	3 cr	Textiles	3 cr
Core/LS PHIL 101	3 cr	Art History	3 cr
Fundamentals of Art and Design	3 cr	Core/LS	3 cr
		Core/LS Writing or Elective	3 cr
	15 cr		15 cr

### SOPHOMORE YEAR

FALL		SPRING	
FDS 230 Fashion Draping	2 cr	FDS 231 Fashion Design/	
ART 160 Art History	3 cr	Wholesale Merchandising II	3 cr
FDS 122 Textiles for Fashion	3 cr	FDS 465 Advanced Fashion Draping	2 cr
FDS 251 Fashion Pattern Making	2 cr	FDS 261 Advanced Fashion Pattern Making	2 cr
Core/LS	6 cr	FDS 355 Fashion Model Drawing	1 cr
		Core/LS	6 cr
	16 cr		14 cr

### JUNIOR YEAR

FALL		SPRING	
FDS 364 Fashion Publication and Layout	3 cr	FDS 360 Advanced Fashion Retail	
FDS 310 Fashion Retail Merchandising	2 cr	Merchandising	3 cr
*Related Field or Elective	3 cr	Elective	3 cr
Core/LS	6 cr	*Related Field	3 cr
FDS 455 Fashion Model Drawing	1 cr	Core/LS	6 cr
		FDS 127 Graphics for Fashion	2 cr
	15 cr		17 cr

### SENIOR YEAR

FALL		SPRING	
FDS 230 Fashion Design/		FDS 460 Fashion Writing and	
Wholesale Merchandising III	4 cr	Drawn Editorials	3 cr
*Related Field	3 cr	FDS 231 Fashion Design/	
Core/LS PHIL 102	3 cr	Wholesale Merchandising IV	4 cr
Core/LS	3 cr	*Related Field, Electives or Internships	7 cr
Elective or Internship	3 cr		
	16 cr		14 cr

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

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

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

## FINE ARTS

**SARAH KING** Ph.D., *Divisional Chairperson*  
**RICHARD L. LEWIS**, M.F.A., *Studio Art Coordinator*  
**VIRGINIA H. MARQUARDT**, Ph.D., *Art History Coordinator*

The Fine Arts Program offers both majors and minors in Art, with concentrations in Studio Art and Art History, to prepare students for careers and graduate study in the fine and applied arts.

The B.A. in Fine Arts with a concentration in **Studio Art** is designed to combine a broad based training in the visual arts with a traditional liberal arts education. After gaining a solid foundation in design, drawing, and art history, each student specializes in one of four tracks: drawing, graphic design, painting, or photography. Students also select additional studio courses to expand their knowledge of the visual arts. The Studio Faculty is composed of full-time and visiting art professionals who are committed to creating a nurturing but challenging environment in which students can explore, experiment, and develop their own personal visions.

The B.A. in Fine Arts with a concentration in **Art History** is designed to provide both a survey of western art and an indepth study of selected periods. In addition to the required course work, students concentrating in art history must pursue an alternative discipline, preferably in a foreign language.

All majors, whether in Studio Art or Art History, are encouraged to apply for internships in their junior or senior year. The programs of the Fine Arts are augmented by trips to nearby galleries and museums in the Hudson Valley and New York City, and opportunities to study abroad.

Minors in Studio Art and Art History are also offered for those students who wish to combine their study in other disciplines with an exploration of the visual arts.

### REQUIREMENTS FOR A BACHELOR OF ARTS IN FINE ARTS Concentration in Studio Art

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

1.0 Course Requirements*			
	ART 101, 110, 160 and 180	12 cr	
	One 200-300 level Art History Course	3 cr	
	PHIL 330 Aesthetics	3 cr	
	ART 477 Capping Course	3 cr	
			21 cr
1.1 Tracks			
	3 courses in one of the following: drawing, graphic design, painting or photography	9 cr	
			9 cr
1.2 Each student is required to take four additional courses in studio art.		12 cr	
			12 cr
<b>Total Credit Requirement for Concentration in Studio Art</b>			<b>42 cr</b>
2.0 Course requirements in Related Fields: None			
3.0 Core/Liberal Studies Requirement			
3.1 FOUNDATION			
	Philosophy/Ethics	6 cr	
	Writing	3-6 cr	
			9-12 cr

\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.

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.)
		<b>30 cr</b>

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

4.0 Electives **36-39 cr**

**Total Credit Requirement for Graduation** **120 cr**

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

**REQUIREMENTS FOR A BACHELOR OF ARTS IN FINE ARTS**

**Concentration in Art History**

1.0 Course Requirements\*\*

ART 101,110,160,180	12 cr	
PHIL 330 Aesthetics	3 cr	
ART 477 Capping Course	3 cr	
		<b>18 cr</b>

1.1 Selection of five courses in art history\*\* **15 cr**

1.2 Alternate Discipline **9 cr**

Each student must take 3 courses in one of the following alternate disciplines:

Foreign Language (French or German),  
History, Literature, or Studio Art.

(If the student plans to pursue graduate work in art history, the alternate discipline should be a foreign language).

**Total Credit Requirement in Art History** **42 cr**

2.0 Course Requirements in Related Fields: None

3.0 Core/Liberal Studies Requirements

**REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE**

*\*\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.*

## PROGRAMS OF STUDY

<b>3.1 FOUNDATION</b>		
Philosophy/Ethics	6 cr	
Writing	3-6 cr	
		<b>9-12 cr</b>
<b>3.2 DISTRIBUTION*</b>		
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.)
		<b>30 cr</b>
<b>Total Core/Liberal Studies Requirement</b>		<b>39-42 cr</b>
<b>4.0 Electives</b>		<b>36-39 cr</b>
<b>Total Credit Requirement for Graduation</b>		<b>120 cr</b>

*\*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 STUDIO ART

Foundation Courses:		
ART 101 and 110	6cr	
Four additional courses selected from the following:		
ART 105, 111, 145, 170, 202, 203, 215, 240	12cr	
(Additional art courses may be substituted upon advisement of Art faculty )		
<b>Total Credit Requirement for a Minor in Studio Art</b>		<b>18 cr</b>

### REQUIREMENTS FOR A MINOR IN ART HISTORY

Introduction courses:		
ART 160, 180	6 cr	
Four additional courses selected from the following:		
ART 220, 280, 362, 365, 366, 380	12 cr	
(Additional art courses may be substituted upon advisement of Art faculty)		
<b>Total Credit Requirement for a Minor in Art History</b>		<b>18 cr</b>

## FRENCH

**VINCENT L. TOSCANO**, Ph.D., *Divisional Chairperson*  
**MAURICE BIBEAU**, *Coordinator*

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 junior year in France.
2. 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 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 two Foreign Language Literature courses 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 310-311 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

\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.

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

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/Liberal Studies Requirement**

30-39 cr

4.0 Electives

45-54 cr

**Total Credit Requirement for Graduation**

120 cr

**REQUIREMENTS FOR A MINOR IN FRENCH LANGUAGE STUDIES\***

French language: THREE of the following:

201, 202, 225, 226, 310, 311, 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 to FIFTEEN credits of the minor can also simultaneously fulfill the distribution requirements of Core/LS.

**Total Credit Requirement for a Minor in French Language Studies**

18 cr

*\*Certain areas of this section are awaiting Approval Notification as of the date of this printing.*

## HISTORY

**VINCENT L. TOSCANO**, Ph.D., *Division Chairperson*  
**WILLIAM C. OLSON**, Ph.D., *Coordinator*

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 opportunity to pursue, in consultation with their advisors, specialized interests as career, life or further educational goals may require. While we do not require study of a modern foreign language, we do strongly recommend that path.

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 illuminates the present and enables students not only to exercise responsible citizenship but to enjoy autonomy in an increasingly complex world. Too, the 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. History opens the door to graduate studies or professional schools, for example law school or secondary education. The history curriculum also makes a particular effort to advance a central mission of Marist College, to enhance our students awareness of enduring value-related issues.

The discipline also offers a concentration in public history, a new profession. Government, law firms and multi-national corporations now employ historians in order to base their planning on an accurate understanding of the past. We expect this movement to provide many entry-level positions for properly educated history majors. Students interested in such a concentration should discuss their objectives with their 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 226 American History I	3 cr
HIST 227 American History II	3 cr
HIST 248 Medieval Period, The Creation of Europe, 300 A. D. - 1300 A. D.	3 cr
HIST 249 Early Modern Europe, 1300-1800	3 cr
HIST 305 Research Methods of History	3 cr
HIST 477 Capping Course	3 cr
CMSC 103 Introduction to Computer Systems	3 cr
Three courses from HIST 268, 269, 273 or 274	9 cr

33 cr

#### History Electives

6 cr

#### Credit Requirement in History

39 cr

#### 2.0 Course Requirements in Related Fields

American Literature I and I  
or  
English Literature I and II  
and

6 cr

Two literature courses other than  
American or English Literature

6 cr

#### Credit Requirement in Related Fields

12 cr

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

51 cr

### 3.0 Core/Liberal Studies Requirements

#### 3.1 FOUNDATION

Philosophy/Ethics  
Writing

6 cr  
3-6 cr

9-12 cr

#### 3.2 DISTRIBUTION\*

Fine Arts  
Mathematics  
Natural Science  
Philosophy/Religious Studies  
Social Science

3 cr  
6 cr  
6 cr  
3 cr  
6 cr

24 cr

### Total Core/Liberal Studies Requirement

33-36 cr

### 4.0 Electives

36-39 cr

### Total Credit Requirement for Graduation

120 cr

*\*Students are encouraged to take intermediate foreign language or culture courses which may be used as substitutes for second course in certain areas. See Core/Liberal Studies Cumculum 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 OR CMSC 103  
Core/LS Writing  
HIST 135 Origins of Modern Times  
Core/LS Soc./Behav. Science  
Core/LS Math or Language

#### SPRING

CMSC 103 or Core/LS PHIL 101  
HIST 248 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 226 American History I  
Core/LS Science  
Literature  
Elective

#### SPRING

HIST Latin America/Asia  
HIST 227 American History II  
Core/LS Science  
Literature  
Core/LS Eco/Bus

### JUNIOR YEAR

#### FALL

HIST 305 Research Methods  
HIST Elective  
Core/LS Fine Arts  
Literature  
Elective

#### SPRING

HIST Latin America/Asia  
Core/LS Philosophy/Religious Studies  
Literature  
HIST Elective  
Elective

**SENIOR YEAR**

**FALL**

Core/LS Ethics  
HIST Elective  
Elective  
Elective  
Elective  
Elective

**SPRING**

HIST 477 Capping Course  
Elective  
Elective  
Elective  
Elective

**RECOMMENDED PRE-LAW SEQUENCE FOR HISTORY MAJORS**

**FRESHMAN YEAR**

**FALL**

Core/LS PHIL 101 or CMSC 103  
Core/LS Writing  
Core/LS Math  
HIST 135 Origins of Modern Times  
POSC 101 Intro to Politics

**SPRING**

CMSC 103 or Core/LS PHIL 101  
Core/LS Writing or Elective  
HIST 249 Early Modern Europe  
Core/LS Elective  
COMM 105 Public Speaking

**SOPHOMORE YEAR**

**FALL**

HIST 226 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 227 American History II  
ENG 211 American Literature II  
Foreign Language or Elective  
ECON 102 Prin. of Eco II  
PSYC 101 Intro to Psych

**JUNIOR YEAR**

**FALL**

HIST Latin America/Asia  
HIST Elective  
HIST 305 Research Methods  
Core/LS Literature  
Core/LS Science

**SPRING**

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

**SENIOR YEAR**

**FALL**

HIST 312 American Presidency  
HIST Latin America/Asia  
Core/LS Ethics  
POSC Elective  
Elective  
Elective

**SPRING**

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

Pre-Law Advisory Committee: See page 16.

## PROGRAMS OF STUDY

### TEACHING—SECONDARY LEVEL

Students interested in this career should consult with the education faculty.

### 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 248	3 cr
HIST 226, 227 (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

**VINCENT L. TOSCANO, 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 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**

1.0 Integrative Major	45cr
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 21 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.	

**REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE**

### 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:

PHIL 103 World Views and Values	3 cr
INTD 105 Personal History and the Educational Experience (prerequisite for seminars)	3 cr
INTD 209 Self, Story and Culture	3 cr
INTD 212 Self, Society and Institutions	3 cr
INTD 213 Self, Nature and History	3 cr
INTD 477 Capping Experience	3 cr

18 cr

### 3.0 Writing Skills Requirements

3-6 cr

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

1. 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;
2. by transferring into the College a course equivalent to ENG 117 with a grade of C or better.

### 4.0 Electives

54-57 cr

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

### Total Credit Requirement for Graduation

120 cr

### BA/BS Options

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

**VINCENT L. TOSCANO**, 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 201, 204, 208	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>

## LATIN AMERICAN STUDIES

**VINCENT L. TOSCANO**, Ph.D., *Divisional Chairperson*  
**WILLIAM C. OLSON**, Ph.D., *Coordinator*

The Latin American Studies Program offers students the opportunity to compliment 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>

### 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

**Credit Requirement in Related Fields**

6 cr

**Total Credit Requirement in Latin American Studies**

36 cr

**MATHEMATICS**

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

The mathematics major at Marist offers a solid grounding in the ideas and techniques of mathematics. The traditional focus on mathematical concepts is augmented by a pair of problem-solving courses and a service component. The purpose of these additional experiences is to promote the ability to use mathematical knowledge in applications beyond the domain of coursework.

During the junior and senior year, the student is required to complete one of two upper division concen-

trations. This allows the student to tailor the major to career goals. Each of these concentrations includes a depth requirement which provides a penetrating and sophisticated analysis of at least one aspect of the curriculum.

The actuarial concentration emphasizes the ideas and methods used in business and industry. The scientific concentration emphasizes the conceptual understanding of mathematics and the techniques useful in the sciences. Students interested in secondary mathematics teaching certification are well served by either concentration.

**REQUIREMENTS FOR A BACHELOR OF ARTS IN MATHEMATICS**

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

1.0 Course Requirements in Mathematics

MATH 221, 222, 320, 322, Calculus I-IV

12 cr

MATH 210 Linear Algebra I

3 cr

MATH 330 Probability and Statistics

3 cr

MATH 410 Abstract Algebra I

3 cr

MATH 420 Mathematical Analysis I

3 cr

MATH 477 Math Capping Course

3 cr

MATH 240, 340 Problem Seminar I, II

2 cr

MATH 395 Math Internship

1 cr

1.1 Additional Upper Level MATH courses

9 cr

Actuarial Concentration:

MATH 331 Applied Statistics

MATH 430 Operations Research

MATH 440 Numerical Analysis

Scientific Concentration:

9 cr

MATH 411 or 421 Abstract Algebra II or Math Analysis II

MATH 321 Differential Equations

MATH 424 Complex Analysis

**Credit requirements in mathematics**

39 cr

2.0 Course Requirements in Related Fields: NONE

**Total Credit Requirement for Mathematics Majors**

39 cr

# PROGRAMS OF STUDY

## 3.0 Core/Liberal Studies Requirements

### 3.1 FOUNDATION

Philosophy/Ethics  
Writing

6 cr  
3-6 cr

9-12 cr

### 3.2 DISTRIBUTION

Natural Science\*  
Social Science  
History\*  
Literature\*  
Mathematics  
Fine Arts  
Philosophy/Religious Studies

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

30 cr

Total Core/Liberal Studies

39-42 cr

## 4.0 Free Electives

### 4.1 Actuarial Concentration

39-42 cr

Students are encouraged to take courses in computer science and business.

### 4.2 Scientific Concentration

39-42 cr

Students are encouraged to take courses in computer science, physics and foreign language.

**Total Elective Credits**

39-42 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 courses in certain areas. See Core/Liberal Studies Curriculum description of foreign language option in catalog.*

## RECOMMENDED PROGRAM SEQUENCE FOR A MATHEMATICS MAJOR

### FRESHMAN YEAR

#### FALL

MATH 221 Calculus I 3 cr  
PHIL 101 3 cr  
Core/LS Writing 3 cr  
Core/LS 6 cr  
15 cr

#### SPRING

MATH 222 Calculus II 3 cr  
Problem Seminar I 1 cr  
Core/LS Writing or Elective 9 cr  
Core/LS 9 cr  
16 cr

### SOPHOMORE YEAR

#### FALL

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

#### SPRING

MATH 322 Calculus IV 3 cr  
Math Internship 1 cr  
Core/LS 3 cr  
Elective 9 cr  
16 cr

## JUNIOR YEAR

### FALL

MATH 410 Abstract Algebra I	3 cr
MATH 330 Prob. & Stat I	3 cr
Problem Seminar II	1 cr
Core/LS	3 cr
Elective	6 cr
	<hr/> 16 cr

### SPRING

MATH 411 Abs. Algebra II	
or MATH 331 App. Stat.	3 cr
Math Concen. Req.	3 cr
Core/LS	3 cr
Elective	6 cr
	<hr/> 15 cr

## SENIOR YEAR

### FALL

MATH 420 Analysis I	3 cr
Core/LS Ethics	3 cr
Elective	9 cr
	<hr/> 15 cr

### SPRING

MATH 421 Analysis II	
or Elective	3 cr
Math Concen. Req.	3 cr
MATH 477 Math Capping	3 cr
Elective	3 cr
	<hr/> 12 cr

Students in the scientific concentration are required to complete Math 411 or Math 421.

## REQUIREMENTS FOR MATHEMATICS MAJORS PURSUING SECONDARY EDUCATION

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

### 1.0 Course Requirements in Mathematics:

MATH 221, 222, 320, 322, Calculus I-IV	12 cr
MATH 210 Linear Algebra I	3 cr
MATH 330 Probability and Statistics	3 cr
MATH 410 Abstract Algebra I	3 cr
MATH 420 Mathematical Analysis I	3 cr
MATH 477 Math Capping Course	3 cr
MATH 240, 340 Problem Seminar I,II	2 cr
MATH 395 Math Internship	1 cr

### 1.1 Additional Upper Level MATH courses

Actuarial Concentration:	9 cr
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MATH 331 Applied Statistics  
MATH 430 Operations Research  
MATH 440 Numerical Analysis

Scientific Concentration:	9 cr
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MATH 441 or 421 Abstract Algebra II or Math Analysis II  
MATH 321 Differential Equations  
MATH 425 Complex Analysis

Secondary Education:	3 cr
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Students interested in the secondary education certification program should declare their intention as soon as possible to avoid scheduling problems.  
MATH 450 Geometry is also required.

### Credit Requirements in Mathematics

42 cr

# PROGRAMS OF STUDY

<b>2.0 Course Requirements in Related Fields</b>		
PSYC 101, 207, 208	9 cr	
PHIL 233	3 cr	
EDUC 211, 362, 415, 424	19 cr	
One year of foreign language	6 cr	
		<b>37 cr</b>
<b>Total Credit Requirement for Mathematics Majors/Secondary Education</b>		<b>79 cr</b>
<b>3.0 Core/Liberal Studies requirements</b>		
<b>3.1 FOUNDATION</b>		
Philosophy/Ethics	6 cr	
Writing	3-6 cr	
		<b>9-12 cr</b>
<b>3.2 DISTRIBUTION</b>		
Natural Science*	6 cr	
Social Science	0 cr (fulfilled by major field req.)	
History*	6 cr	
Literature*	6 cr	
Mathematics	0 cr (fulfilled by major field req.)	
Fine Arts	3 cr	
Philosophy/Religious Studies	0 cr (fulfilled by major field req.)	
		<b>21 cr</b>
<b>Total Core/Liberal Studie Requirement</b>		<b>30 -33 cr</b>
<b>4.0 Free Electives for Secondary Education Certification</b>		
If the foreign language requirement is fulfilled at the Intermediate level 3-6 additional free electives are possible.		<b>8-11 cr</b>
<b>Total Credit Requirement for Graduation</b>		<b>120</b>

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

## RECOMMENDED SEQUENCE FOR MATHEMATICS MAJOR WITH SECONDARY EDUCATION CERTIFICATION

### FRESHMAN YEAR

FALL		SPRING	
MATH 221 Calculus I	3 cr	MATH 222 Calculus II	3 cr
PHIL 101	3 cr	Problem Seminar I	1 cr
Core/LS Writing	3 cr	PSYC 101	3 cr
Core/LS	6 cr	Core/LS Writing or Elective	3 cr
		Core/LS	6 cr
	<b>15 cr</b>		<b>16 cr</b>

### SOPHOMORE YEAR

FALL		SPRING	
MATH 320 Calculus III	3 cr	MATH 322 Calculus IV	3 cr
MATH 210 Linear Algebra	3 cr	MATH 450 Geometry	3 cr
PSYC 207	3 cr	Math Internship	1 cr
Foreign Language	3 cr	PSYC 208	3 cr
Core/LS	3 cr	Foreign Language	3 cr
		Core/LS	3 cr
	<b>15 cr</b>		<b>16 cr</b>

## PROGRAMS OF STUDY

### JUNIOR YEAR

#### FALL

MATH 330 Prob. & Stat	3 cr
MATH 410 Abs. Algebra I	3 cr
Problem Seminar II	1 cr
Core/LS Ethics	3 cr
Electives	5 cr
	<hr/>
	15 cr

#### SPRING

MATH 331 App. Stat.	
or MATH 411 Abs. Algebra II	3 cr
Math Concen. Req	3 cr
EDUC 211	1 cr
EDUC 424	3 cr
EDUC 362	3 cr
	<hr/>
	13 cr

### SENIOR YEAR

#### FALL

MATH 420 Analysis I	3 cr
EDUC 415	12 cr
	<hr/>
	15 cr

#### SPRING

Math 421 Analysis II	
or Elective	3 cr
MATH 477 Math Capping	3 cr
Math Concen. Req.	3 cr
PHIL 233	3 cr
Core/LS	3 cr
	<hr/>
	15 cr

Students in the scientific concentration are required to complete one of Math 411 or 421.

### REQUIREMENTS FOR MINOR IN MATHEMATICS

MATH 221, 222, 320 Calculus I-III	9 cr
MATH 210 Linear Algebra	3 cr
Two additional mathematics courses at the 300 or 400 level	6 cr
	<hr/>
Total Credit requirements for a minor in Mathematics	18 cr

### MEDICAL TECHNOLOGY

**ANDREW A. MOLLOY**, 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, university,

government or industrial laboratories. They represent the upper division of laboratory personnel and can establish challenging careers in laboratory administration, specialized research, technical development and marketing, or in medical technology education.

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 70 (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; developing problem solving skills and leadership qualities in preparation for educational and supervisory positions in medical technology; cultivating an appreciation of continuing education; and providing 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.

## REQUIREMENTS FOR A BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

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

1.0 Course Requirements in Biology*		
BIOL 110,111,112,113, 312, 315, 421		19 cr
1.1 Course Requirements in Chemistry		
CHEM 111,112,113,114, 201 or 211*,		13-16cr
<i>*Students opting to take CHEM 211 must complete CHEM 212</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	38 cr	
MEDT 477 Capping Course	3 cr	
		41cr

## REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

\* Certain areas of this section are awaiting Approval Notification as of the date of this printing.

**1.4 Additional Course Requirements in Science**

A minimum of 6 credits to be chosen from the following:

BIOL 210, 220, 320, 340, 430, 440  
 CHEM 202, 212, 213, 351, 352, 420  
 PHYS 211, 212, 213, 214

6 cr

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

85-88 cr

**2.0 Core/Liberal Requirements**

**2.1 FOUNDATION**

Philosophy/Ethics  
 Writing

6 cr

3-6 cr

9-12 cr

**2.2 DISTRIBUTION\***

Fine arts  
 History  
 Literature  
 Mathematics  
 Natural Science  
 Philosophy/Religious Studies  
 Social Science

3 cr

6 cr

6 cr

3 cr

0 cr (fulfilled by major field req.)

3 cr

6 cr

27 cr

**Total Core/Liberal Studies Requirement**

36-39 cr

**Total Credit Requirement for Graduation**

121-127 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**

BIOL 110 General Biology I	3 cr
BIOL 112 General Biology Lab I	1 cr
CORE/LS PHIL 101	3 cr
CORE/LS Writing	3 cr
CORE/LS History	3 cr
	<hr/> 13 cr

**SPRING**

BOIL 111 General Biology II	3 cr
BIOL 113 General Bio Lab II	1 cr
CORE/LS Literature	3 cr
CMSC 103 Intro to Comp Sys	3 cr
CORE/LS Fine Arts	3 cr
	<hr/> 13 cr

**SOPHOMORE YEAR**

**FALL**

CHEM 111 General Chemsrty I	3 cr
CHEM 113 General Chem Lab I	2 cr
MEDT 260 Methods in Med Tech	4 cr
CORE/LS Social Science	3 cr
CORE/LS Mathematics	3 cr
	<hr/> 15 cr

**SPRING**

CHEM 112 General Chemistry II	3 cr
CHEM 114 General Chem Lab II	2 cr
MATH 130 Intro to Statistics	3 cr
BIOL 315 Immunology	3 cr
CORE/LS Social Science	3 cr
	<hr/> 14 cr

# PROGRAMS OF STUDY

## JUNIOR YEAR

### FALL

CHEM 201 Intro to Organic Chemistry	3 cr
BIOL 312 Microbiology	4 cr
Science Elective	3-4 cr
CORE/LS PHIL 300	3 cr
CORE/LS History	3 cr
	<hr/>
	16-17 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	4 cr
MEDT 345 Clinical Microscopy I	1 cr
	<hr/>
	17 cr

## SENIOR YEAR

### SUMMER/FALL

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

### SPRING

BIOL 421 Parasitology	4 cr
MEDT 477 Capping Course	3 cr
Science Elective	3-4 cr
CORE/LS Phil/Religious Studies	3 cr
CORE/LS Literature	3 cr
	<hr/>
	16-17 cr

*\*\*Hospital-Based Course*

## MUSIC

**SARAH S. KING, 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, 351, 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, 340, 342, 343, 393, 441	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

**VINCENT L. TOSCANO**, 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 required to matriculate and pursue a major field of study leading to the baccalaureate degree. The certificate will be awarded after a student has completed all of the course requirements in paralegal studies (24 credits) and at least 36 additional credit hours toward the Marist baccalaureate degree.

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

The Paralegal Certificate Program is accredited by the American Bar Association.

### REQUIREMENTS IN THE PARALEGAL PROGRAM

- 1.0 Course Requirements in Paralegal Studies  
 PRLG 101, 210, 311, 312, 313, 380, 420, 422

24cr

#### Total Paralegal Course Credits

24 cr

Additional course credits  
 (Non-degree holders admitted to the program)

36 cr

#### Total Credit Requirement for Paralegal Certificate for Non-Degree Holders

60 cr

- 2.0 Marist undergraduates must also fulfill their major field requirements for their degrees.

All 36 non-paralegal course credits, including transfer credits, must be acceptable towards a Marist degree.

## PHILOSOPHY

VINCENT L. TOSCANO, Ph.D., *Divisional Chairperson*

THOMAS CASEY, *Coordinator*

### REQUIREMENTS FOR A MINOR IN PHILOSOPHY

Introductory Level Courses or PHIL 101 & 300	6 cr
Upper Level Courses	
TWO Historical Philosophy Courses: 220, 221, 222, 223, 240, 342	6 cr
TWO Additional Philosophy Courses	6 cr

<b>Total Credit Requirement for a Minor in Philosophy</b>	<b>18 cr</b>
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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

ANDREW A. MOLLOY, 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

VINCENT L. TOSCANO, Ph.D., *Divisional Chairperson*

LOUIS C. ZUCCARELLO, Ph.D., *Coordinator*

Political science enables students to study systematically the events, people and issues that shape political decision-making. Besides focusing on the institutions, processes and outcomes of politics, the curriculum also surveys the great thinkers who have speculated about the nature of a just and effective political system. In a world that some have described as approximating a "global village," political science encourages students to become familiar with a variety of political cultures and to appreciate the unique perspectives brought by each to the world community. Political Science at Marist also seeks to bring theory and methodology into the real political arena by strongly encouraging student learning beyond the classroom through internships and field experiences.

The curriculum prepares students for career options ranging from advanced work in graduate or law school to careers in government, the media or the corporate world. And consistent with the mission of Marist College, this major challenges students to confront the perennial value issues involved in politics.

Depending upon their interests and goals, students have available to them a general political science track, broadly covering the field, and a track giving heavy emphasis to international studies.

Unique opportunities for our political science students include The Marist Institute for Public Opinion, the Albany Semester, the Washington Semester, Marist Abroad Program, the Pre-Law Program, plus Concentrations in Paralegal Studies in Public Administration and in Public Opinion.

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

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Note: A minimum of 90 credits in Liberal Arts required. No more than 8 credits in POSC Internship may be used to fulfill major field requirements.

**1.0 Course Requirements**

POSC 101	3 cr	
POSC 110	3 cr	
POSC 232 or 233 or 243	3 cr	
POSC 205 or 273 or 372	3 cr	
POSC 251 or 252 or 350		
or 353 or 355 or 260	3 cr	
ECON 101	3 cr	
CMSC 103	3 cr	
POSC 477	3 cr	
		<hr style="width: 100%;"/>
		24 cr

**2.0 Approved Tracks**

**GENERAL TRACK**

Four additional POSC courses	12 cr	
Two courses beyond C/LS reqs.		
From: Cultural Anthropology, Econ., etc.	6 cr	

**Total General Track**

18 cr

**INTERNATIONAL STUDIES TRACK**

POSC 273 and 372	3-6 cr	
POSC 205 or 225	0-3 cr	
Two additional comparative courses	6 cr	
POSC 243	0-3 cr	
Three courses chosen from:		
ANTH 102 or 232, ECON 102 or 442, REST 209 or 231,		
Culture/Civilization courses from FREN, ITAL, RUSS or SPAN	9 cr	
One non-Western history beyond C/LS	3 cr	
Foreign language proficiency, Marist Abroad or		
overseas experience highly recommended		

**Total International Track**

21-30 cr

**Total Credit Requirement for a Major in Political Science**

45-54 cr

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**REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE**

## PROGRAMS OF STUDY

### 3.0 Core/Liberal Studies Requirements

#### 3.1 FOUNDATION

Philosophy/Ethics  
Writing

6 cr

3-6 cr

9-12 cr

#### 3.2 DISTRIBUTION\*

Fine Arts

3 cr

History

6 cr

Literature

6 cr

Mathematics

6 cr

Natural Science

6 cr

Philosophy/Religious Studies

3 cr

Social Science

0 cr (fulfilled by major field req.)

30 cr

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

39-42 cr

### 4.0 Electives

24-39 cr

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

120 cr

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

## REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE

Introductory Level Course:	
POSC 101	3 cr
Upper Level Courses:	
ONE POSC course from the following:	
POSC 110, 210, 211, 212, 312	3 cr
ONE POSC course from the following:	
POSC 205, 251, 252, 260, 273, 350, 353, 355, 372	3 cr
ONE POSC course from the following:	
POSC 232, 233, 243	3 cr
THREE Elective Courses	9 cr

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

21 cr

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

## OPTIONS FOR POLITICAL SCIENCE MAJORS

Marist Abroad Program—contact Director	Legislative Internship—see Political Science
Paralegal Certificate Program—see page 110	Intern Coordinator
Participation in Marist Institute for Public Opinion—see page 14	Public Administration Concentration—see page 122
Participation in Washington Semester Program or Albany	Teacher Education Program—see page 72

## RECOMMENDED PROGRAM SEQUENCE FOR POLITICAL SCIENCE MAJOR (General Track: Consult with Advisors for International Track)

### FRESHMAN YEAR

#### FALL

Core/LS PHIL 101 or CMSC 103  
Core/LS Writing  
POSC 101  
Elective  
Core/LS Math or Language

#### SPRING

CMSC 103 or Core/LS PHIL 101  
Core/LS Writing or Elective  
POSC American or International Politics  
Core/LS 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 Elective  
POSC Comparative  
POSC Major  
Elective

#### SPRING

Core/LS PHIL/REST or Elective  
Core/LS Fine Arts or Elective  
Core/LS Ethics  
POSC Major  
Elective

**SENIOR YEAR**

**FALL**

POSC 477 Capping Course  
Elective or Internship POSC  
Elective or Internship POSC  
POSC Major  
Elective

**SPRING**

POSC Major  
Elective  
Elective or Internship  
Elective  
Elective  
POSC 477 Capping Course

**RECOMMENDED PRE-LAW SEQUENCE FOR POLITICAL SCIENCE MAJORS**

**FRESHMAN YEAR**

**FALL**

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

**SPRING**

CMSC 103 or Core/LS PHIL 101  
Core/LS Writing or Elective  
Core/LS 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 Elective

**SPRING**

Core/LS PHIL/REST or Elective  
POSC  
Core/LS Ethics  
Elective (Bus. or Acct.)  
Core/LS Fine Arts or Elective

**SENIOR YEAR**

**FALL**

POSC 477 Capping Course  
POSC Major  
Elective  
Elective  
Elective

**SPRING**

POSC—Major  
Elective POSC Internship  
Elective POSC Internship  
Elective  
Elective  
POSC 477 Capping Course

## 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 sense 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 fields 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 K-12/Elementary K-6

Psychology majors have the opportunity to elect participation in a teacher certification program which integrates a strong professional studies sequence in Special Education and Elementary Education with their academic major and the Core/Liberal Studies program. Graduates of this program earn the BA degree in psychology and complete requirements for dual provisional teaching certification in both elementary and special education. Freshman psychology majors interested in pursuing this psychology/special education/elementary option should consult an education advisor in the Office of Teacher Education, Dyson Room 345. Information about the professional studies sequence can be found in the Education section of this catalog.

## REQUIREMENTS FOR A BACHELOR OF ARTS IN PSYCHOLOGY

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

1.0 Course Requirements in Psychology			
PSYC 101, 276, 401, 402-403, 404	22 cr		
PSYC 477 Capping Course	4 cr		
		<b>26 cr</b>	
1.1 THREE additional PSYC Courses selected from among all other psychology courses offered.*	9 cr		
1.2 PSYC 480-481 (Internship)	12 cr		
		<b>21 cr</b>	
2.0 Course Requirements in Related Fields:			
CMSC 103 Intro. Comp. Sys.	3 cr		
MATH 130 Intro. to Stat.	3 cr		
		<b>6 cr</b>	
<b>Total Credit Requirement for a Major in Psychology</b>			<b>53 cr</b>
*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		
		<b>9-12 cr</b>	
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	3 cr (3 cr fulfilled by major field req )		
Fine Arts	3 cr		
Philosophy/Religious Studies	3 cr		
		<b>27 cr</b>	
<b>Total Core/Liberal Studies Requirement</b>			<b>36-39 cr</b>
4.0 Electives			<b>28-31 cr</b>
<b>Total Credit Requirement for Graduation</b>			<b>120 cr</b>

\*\*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 PSYCHOLOGY MAJORS

FRESHMAN YEAR

FALL

PSYC 101 Intro. Psychology	3 cr
Core/LS PHIL 101	3 cr
* Core/LS	3 cr
** Core/LS Writing	3 cr
CMSC 103 Intro. Comp. Sys. or	
MATH 130 Intro. to Stat.	3 cr
	15 cr

SPRING

Core/LS	3 cr
Core/LS	3 cr
Core/LS Writing or Elective	3 cr
**** Psych Elective	3 cr
CMSC 103 Intro. Comp. Sys. or	
MATH 130 Intro. to Stat.	3 cr
	15 cr

SOPHOMORE YEAR

FALL

PSYC 276 Stat & Comp. Use for Behavioral Sci II or General or Psych Elective	3 cr
* Core/LS	3 cr
* Core/LS	3 cr
*** General or Psych Elective	3 cr
*** General or Psych Elective or PSYC 404 Physio Psych	3-4 cr
	15-16 cr

SPRING

PSYC 401 Princ. of Psych Testing OR	
PSYC 404 Physio. Psych	4 cr
* Core/LS	3 cr
* Core/LS	3 cr
*** General or Psych Elective	3 cr
PSYC 276 Stat & Computer Use for Behav. Sci II or General or Psych Elective	3 cr
	16 cr

JUNIOR YEAR

FALL

PSYC 402 Psych Research Methodology & Lab I	4 cr
* Core/LS	3 cr
* Core/LS	3 cr
*** General or Psych Elective	3 cr
*** General or Psych Elective or PSYC 404 Physio Psych or PSYC 401 Prin of Psych Testing	3-4 cr
	16-17 cr

SPRING

PSYC 403 Psych Research Methodology & Lab II	4 cr
PSYC 401 Prin. of Psych Testing OR	
PSYC 404 Physio. Psych or Gen Psych Elective	4 cr
* Core/LS or PHIL 300	3 cr
*** General or Psych Elective	3 cr
General Elective	1 cr
	15 cr

SENIOR YEAR

FALL

PSYC 477 Capping Course	4 cr
*** General or Psych Elective	3 cr
*** General or Psych Elective	3 cr
*** General or Psych Elective	3 cr
*** General or Psych Elective or PHIL 300	3 cr
	16 cr

SPRING

***** PSYC 480-481 Internship I-II	12 cr
	12 cr

\* A psychology major must take 9 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 that 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>		12-15 cr

## REQUIREMENTS FOR THE FIVE-YEAR B.A.-M.A. PROGRAM IN PSYCHOLOGY

1.0 Undergraduate Course Requirement in Psychology PSYC 101, 401, 402, 403, 404, 203 or 201 PSYC 276	25 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	
PSYC 477 Capping Course	4 cr	47 cr
2.0 Course Requirements in Related Fields: CMSC 103 Intro. to Computer Systems MATH 130 Intro. to Statistics	3 cr 3 cr	6 cr
<b>Total Undergraduate Psychology Credits</b>		53 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 Social Science History Literature Mathematics Fine Arts Philosophy/Religious Studies	6 cr 0 cr (6 cr fulfilled by major field req) 6 cr 6 cr 3 cr (3 cr fulfilled by related field req) 3 cr 3 cr	27 cr
<b>Total Core/Liberal Studies Requirement</b>		36-39 cr
4.0 General Electives		12-15 cr
5.0 Graduate Courses taken at Undergraduate Level PSYG 607, PSYG 611, PSYG 612, PSYG 613, PSYG 614		15 cr
<b>Total Four Year Credit Requirement</b>	119- 122 cr	
6.0 Fifth Year GRADUATE COURSES PSYG 520, PSYG 548 or PSYG 605, PSYG 606, PSYG 701, PSYG 702, PSYG 703 or PSYG 705	21 cr	

# PROGRAMS OF STUDY

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>143-146 cr</b>

## REQUIREMENTS FOR PSYCHOLOGY MAJORS PURSUING SPECIAL EDUCATION CERTIFICATION

\*A minimum of 90 credits in Liberal Arts required.

1.0 Course Requirements in Psychology		
PSYC 101, 207, 208, 231, 276, 317, 362, 371, 372, 402, 404	35 cr	
PSYC 477 Capping Course	4 cr	
1.1 ONE elective PSYC course	3 cr	
<b>Credit Requirement in Psychology</b>		<b>42cr</b>
2.0 Course Requirements in Related Fields		
CMSC 103, MATH 130	6 cr	
EDUC 091, 241, 360, 350, 351, 373, 374, 462	30 cr	
Foreign Language	6 cr	
PHIL 233	3 cr	
		<b>45 cr</b>
<b>Total Credit Requirement for Psychology Majors / Special Education Certification</b>		<b>87cr</b>
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*		
Natural Science	6 cr	
Social Science	0 cr (6 cr fulfilled by major field req )	
History	6 cr	
Literature	6 cr	
Mathematics	3 cr	
Fine Arts	3 cr	
Philosophy/Religious Studies (PHIL 233 Philosophy of Education will satisfy this requirement.)	0 cr (3 cr fulfilled by related field req )	
		<b>24 cr</b>
<b>Total Core/Liberal Studies Requirement</b>		<b>33-36 cr</b>
4.0 Liberal Arts Electives		<b>0-3cr</b>
<b>Total Credit Requirement for Graduation</b>		<b>123 cr</b>

\*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. This option may be used to satisfy the foreign language requirement for teaching certification.

# PROGRAMS OF STUDY

## RECOMMENDED PROGRAM SEQUENCE FOR PSYCHOLOGY MAJORS PURSUING SPECIAL ED CERT.

### FRESHMAN YEAR

FALL		SPRING	
PSYC 101 Intro to Psych	3 cr	EDUC 091 Fieldwork in Educ	0 cr
Core/LS PHIL 101	3 cr	PSYC Elective	3 cr
CMSC 103 or MATH 130	3 cr	Core/LS or Foreign Language	3 cr
Core/LS or Foreign Language*	3 cr	Core/LS Writing or Elective	3 cr
Core/LS Writing	3 cr	CMSC 103 or MATH 130	3 cr
		Core/LS	3 cr
	15 cr		15 cr

### SOPHOMORE YEAR

FALL		SPRING	
PSYC 207 Psych of Excep Child	3 cr	PSYC 208 Educational Psych	3 cr
PSYC 276 Stat & Comp. Use for Behav Sci II or Core/LS	3 cr	PSYC 404 Physio Psych	4 cr
PSYC 317 Psych of Child Development	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS or LA Elective	3 cr
Core/LS	3 cr	Core/LS or PSYC 276 Stat & Comp. Use for Behav Sci II	3 cr
	15 cr		16 cr

### OPTION I - SPRING STUDENT TEACHING - JUNIOR YEAR

FALL		SPRING	
PSYC 402 RM I (4 credits)	4 cr	EDUC 350 Reading I	3 cr
PSYC 372 Assessment	3 cr	EDUC 373 Meth Mild	3 cr
PSYC 231 Preschool Prac.	3 cr	EDUC 374 Meth Mod	3 cr
PSYC 371 Psyc Disorders	3 cr	EDUC 241 Math Methods	3 cr
Core/Psyc/LA Elective	3 cr	PSYC 362 Measurement & Eval	3 cr
	16 cr		15 cr

### SENIOR YEAR

FALL		SPRING	
EDUC 351 Reading II	3 cr	EDUC 462 Student Teaching	12 cr
EDUC 360 Curric. Workshop	3 cr	PSYC 477 Capping	4 cr
PHIL 233 Phil. of Ed.	3 cr		
PSYC 404 Physio (4 credits)	4 cr		
PHIL 300 Ethics	3 cr		
	16 cr		16 cr

### OPTION II - FALL STUDENT TEACHING - JUNIOR YEAR

FALL		SPRING	
EDUC 350 Reading I	3 cr	EDUC 351 Reading II	3 cr
PSYC 402 RM I (4 credits)	4 cr	EDUC 373 Meth Mild	3 cr
PSYC 372 Assessment	3 cr	EDUC 374 Meth Mod	3 cr
PSYC 362 Measurment & Eval	3 cr	EDUC 241 Math Methods	3 cr
Core/Psyc/LA Elective	3 cr	EDUC 360 Curric Workshop	3 cr
	16 cr		15 c

### SENIOR YEAR

FALL		SPRING	
EDUC 462 Student Teaching	12 cr	PSYC 404 Physio (4 credits)	4 cr
PSYC 477 Capping (4 credits)	4 cr	PHIL 233 Phil of Ed.	3 cr
		PSYC 371 Psyc Dis of Child	3 cr
		PHIL 300 Ethics	3 cr
		Core/Psyc/LA Elective	3 cr
	16 cr		16 cr

\*Consult the Education section of this catalog for additional information about Foreign Language requirement

## PUBLIC ADMINISTRATION

**VINCENT L. TOSCANO**, Ph.D., *Divisional Chairperson*  
(Concentration)

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

**JOANNE MYERS**, Ph.D., *Director of*  
*Public Administration Concentration*

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
ACCT 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
ACCT 451	3 cr
BUS 101	3 cr
	<hr/> 18 cr

## PUBLIC OPINION

**VINCENT L. TOSCANO**, Ph.D., *Divisional Chairperson*

**LEE M. MIRINGOFF**, Ph.D., *Director, Marist Institute for*  
*Public Opinion*

Marist College offers an undergraduate concentration in Public Opinion. Associated with the activities of the Marist Institute for Public Opinion, the concentration provides students with the opportunity to enhance their understanding of the research methods associated with the measurement of public opinion, the processes involved with its communication, and the impact of public opinion upon society. Students learn the various aspects of conducting public opinion research, the broader theoretical contexts that guide public opinion research, and current value issues in the field.

### REQUIREMENTS FOR A CONCENTRATION IN PUBLIC OPINION

MATH 130	3 cr
POSC 110	3 cr
POSC 211	
OR	
POSC 212	3 cr
POSC 338	3 cr
POSC 339	3 cr
POSC 342	3 cr
POSC 346	3 cr

Total credit requirement:	<hr/> 21 cr
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## RELIGIOUS STUDIES

VINCENT L. TOSCANO, Ph.D., *Divisional Chairperson*  
 THOMAS CASEY, *Coordinator*

### REQUIREMENTS FOR A MINOR IN RELIGIOUS STUDIES

TWO introductory courses selected from the following:

REST 201, 207, 208

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

VINCENT L. TOSCANO, Ph.D., *Divisional Chairperson*

The Russian area of the Division of Humanities affords the serious student of a foreign language the following special academic programs:

1. Summer or one-semester program of study in Kiev or Russia.
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 two Foreign Language courses or literature

courses in translation toward fulfilling the distributive Core/LS requirements.

An exchange program with the University of Kiev in Ukraine (Soviet Union) has been arranged. Summer and/or full semester programs will be available.

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, the Ukraine, or another European country as participant in the Marist Abroad Programs or the New Paltz Summer Programs in the Soviet Union.
3. Proficiency in Russian language.

*Prerequisites:* RUSS 102, 220, 301, 302 or RUSS 105 or RUSS 106 or three to four years of high school Russian.

### REQUIREMENTS FOR A BACHELOR OF ARTS IN RUSSIAN

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

#### 1.0 Course Requirements in Russian

RUSS 201-202

6 cr

TWO RUSS courses selected from the following:

RUSS 220, 221, 320, 321

6 cr

RUSS 477 Capping Course

3 cr

**Credit Requirement in Russian**

15 cr

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

2.0 Course Requirements in Related Fields

Modern Language Association Proficiency Test

ONE HIST Course selected from the following:

HIST 260-261, 262-263

3 cr

Marist Abroad Program

In order to qualify, the candidates must have taken

RUSS 101-102. RUSS 201-202 is recommended.

If there is 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

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

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

36-39 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

0 cr

(fulfilled by related field req.)

Literature

0 cr

(fulfilled by related field req.)

Mathematics

3-6 cr

Fine Arts

3 cr

Philosophy/Religious Studies

3 cr

18-24 cr

**Total Core/Liberal Studies Requirement**

27-36 cr

4.0 Electives

45-57 cr

**Total Credit Requirement for Graduation**

120 cr

**REQUIREMENTS FOR A MINOR IN RUSSIAN AREA STUDIES**

Russian Language: RUSS 106, 201, 202

9 cr

Russian Civilization: RUSS 223

3 cr

Russian Literature: RUSS 220, 221

6 cr

FIFTEEN 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 social work practice. A Bachelor of Science degree in Social Work is awarded to those students who adequately fulfill 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, 336, 341, 440, 480 15 cr

ALL of the following courses in Social Work:

SOCW 230, 330, 344, 345, 380, 381, 395, 478, 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

BIOL 101 Selected Topics in Biology OR

BIOL 237 Human 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

### 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. or 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 Requirement

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

SOC 101 Intro. to Sociology	3 cr
BIOL 101 Selected Topics in Biology OR	
BIOL 237 Human Biology	3 cr
Core/LS PHIL 101	3 cr
Core/LS Writing	3 cr
General Elective	3 cr
	15 cr

##### SPRING

PSYC 101 Intro. to Psych	3 cr
CMSC 103 Intro. Comp. Sys.	3 cr
Core/LS Writing	3 cr
Core/LS Fine Arts	3 cr
General Elective	3 cr
	15 cr

#### SOPHOMORE YEAR

##### FALL

SOCW 230 Intro. to Social Work	3 cr
ECON 101 Principles of Econ	3 cr
POSC 101 Intro. to Pol. Sci. OR	
POSC 110 American Nat'l. Gov't.	3 cr
Core/LS Math	3 cr
Core/LS Hist	3 cr
	15 cr

##### SPRING

Core/LS Nat. Sci.	3 cr
Core/LS Math	3 cr
Core/LS Literature	3 cr
Core/LS Phil & Rel	3 cr
General Elective	3 cr
(SOC/SOCW Elective recommended)	
	15 cr

# PROGRAMS OF STUDY

## JUNIOR YEAR

### FALL

SOCW 330 Soc Serv Theory/Pract	3 cr
SOCW 345 Hum Beh Soc Environ.	3 cr
SOC 336 Sociology of Minorities	3 cr
Core/LS Hist	3 cr
Core/LS PHIL 300	3 cr
	<u>15 cr</u>

### SPRING

SOC 341 Social Change	3 cr
SOCW 344 Soc Wel Pol & Analysis	3 cr
SOCW 380 Methods I	4 cr
SOCW 395 SW with Diverse Groups	3 cr
Core/LS Literature	3 cr
	<u>16 cr</u>

## SENIOR YEAR

### FALL

SOC 440 Social Theory	3 cr
SOCW 381 SW Methods II	3 cr
SOCW 482 Pract in SW I	4 cr
SOCW 477 Capping Course/	
Senior Integrative Seminar I	3 cr
	<u>13 cr</u>

### SPRING

SOC 480 Social Research Meth.	3 cr
SOCW 478 Senior Integrative Seminar II	3 cr
SOCW 483 Pract. in SW II	4 cr
General Elective	3 cr
General Elective	3 cr
	<u>16 cr</u>

## REQUIREMENTS FOR A MINOR IN SOCIOLOGY

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	9 cr

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

SOC 101, SOCW 230 and SOCW 330	9 cr
TWO other courses in Social Work	6 cr

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

**VINCENT L. TOSCANO**, Ph.D., *Divisional*

*Chairperson*

**MAURICE BIBEAU**, *Coordinator*

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

1. The Marist Abroad Program, featuring individual placement during the sophomore or junior year in Madrid
2. Bilingual Education concentration
3. Secondary school teacher certification
4. Latin American Studies program

The major outcome of a modern language education is greater self-awareness and an increased understanding

of and ability to communicate with people of different cultural backgrounds. In addition, career opportunities in many key areas of domestic and international services are enhanced for the person proficient in a modern language.

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

With proper planning and early implementation, it is possible to do a double major with Political Science and Communications.

Spanish Majors are urged to spend two semesters in Madrid but are limited to two semesters and eighteen credits in the major.

### 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: Spanish 210-211 are required for Bilingual Hispanic students but may be waived if the students have solid backgrounds in Spanish.

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 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

### REQUIREMENTS CHART CONTINUED ON FOLLOWING PAGE

## PROGRAMS OF STUDY

<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

### REQUIREMENTS FOR A MINOR IN SPANISH LANGUAGE STUDIES

Spanish Language: 9 credits above the intermediate level*	9 cr
Civilization: Spain and Latin America (To be taken on campus)	6cr
Literature: One course selected with advisement (To be taken on campus)	3 cr

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

\* SPAN 210-211 are required for Bilingual Hispanic students but may be waived if the student has a solid background in Spanish.

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

1.0 EDUC 140	3 cr
2.0 SPAN 153 or 154	3 cr
3.0 Optional: EDUC 441	3 cr
<b>Total Credit Requirement for Concentration</b>	6-9 cr



## DESCRIPTION OF COURSES

### ACCOUNTING

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**ACCT 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.

**ACCT 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 concept 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:* ACCT 201 or ACCT 203

**ACCT 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. Not open to students who have completed ACCT 201. Offered every Fall.

**ACCT 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. Not open to students who have completed ACCT 202. Offered every Spring.

*Prerequisite:* ACCT 201 or ACCT 203

**ACCT 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:* ACCT 202 or 204

**ACCT 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:* ACCT 301

**ACCT 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:* ACCT 302

**ACCT 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:* ACCT 202 or 204

**ACCT 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:* ACCT 310

**ACCT 320****International Accounting***Three Credits*

Development of international accounting principles, focusing on the uniform principles, as well as those which are dissimilar due to cultural differences. Emphasis is on analyzing multinational companies with different home nations. Translation from the home nation's to a foreign nation's accounting principles is covered at great length. Other factors, such as inflation accounting and monetary translation are covered for their impact on international accounting. Offered every year.

*Prerequisites:* ACCT 202 or 204

**ACCT 350****Accounting Systems***Three Credits*

A comprehensive presentation of the fundamentals of data origination, classification, control and reporting. Various accounting systems will be analyzed with an emphasis on data processing applications. Offered every Spring.

*Prerequisite:* ACCT 202 or 204

**ACCT 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:* ACCT 303

ACCT 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:* ACCT 401, MATH 130

ACCT 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:* ACCT 202 or 204

ACCT 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:* ACCT 403

ACCT 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 students in the Public Administration Concentrations. Accounting majors need permission of instructor. Offered every other year.

ACCT 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:* ACCT 401, 403

*Corequisite:* ACCT 402

**AMERICAN STUDIES**

AMST 477

**Capping Course***Three Credits LA*

A capping course required for all Senior American Studies majors.

**ANTHROPOLOGY**

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

BIOL 101

**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.*

BIOL 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.*

BIOL 111

**General Biology II**

*Three Credits LA*

An introduction to principles and concepts of the following biological sciences: DNA structure and replication, protein synthesis, cell division, genetics, evolution, ecology and behavior.

*Three-hour lecture.*

BIOL 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.*

BIOL 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:* BIOL 110-111, 112-113; CHEM 111-112, 113-114; CHEM 121 or 211 recommended.

BIOL 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:* BIOL 110-111, 112-113 or permission of instructor.

BIOL 214

**Life on Earth**

*Three Credits LA*

A course in biological evolution designed for students not majoring in the sciences. 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 will include: how life began, Darwin and natural selection, plant biology, and the evolution of invertebrates and vertebrates (including amphibians, reptiles, birds, and mammals). **Life on Earth**, the video series written and presented by David Attenborough, will be used to illustrate evolutionary pathways and the diversity of life forms.

BIOL 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:* BIOL 110-111, 112-113; CHEM 111-112, 113-114

**BIOL 232****Sex, Evolution and Behavior***Three Credits LA*

This course is designed for the non-science major and will examine how natural selection influences the evolution of social behavior in animals (including humans). Topics will include: the physiological basis of behavior, the adaptive value of behavior, learning and instinct, mate selection, parental investment, altruism, infanticide, primate behavior, and human sociobiology.

**BIOL 237****Human Biology***Three Credits LA*

This is a course in human physiology designed for the non-science major. Students will study how the body works and what causes disease. The class will also examine how current medical research approaches the problem of how to treat or cure a specific illness. Topics will include: the nervous system and brain, the respiratory system, the cardiovascular system, exercise physiology, the digestive system, and the reproductive system. Offered every semester.

**BIOL 301****Recombinant DNA and Biotechnology Laboratory***Three Credits LA*

This course will introduce students to the principles and techniques of recombinant DNA and genetic engineering. It is a hands-on, laboratory course designed to lay foundations in the general area of molecular biology.

*Prerequisites:* General Biology I and II with Lab and General Chemistry I and II with Lab or permission of instructor.

Offered annually.

**BIOL 305****Animal Behavior***Three Credits LA*

A study of animal behavior from the ethological perspective. Topics will include: the history of the study of behavior, the physiological basis of behavior, learning and instinct, behavioral ecology, orientation and migration, communication, mate selection, and sociobiology.

*Prerequisite:* BIOL 111 or permission of instructor.

**BIOL 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 soil-borne bacterial diseases are studied as well as the physical and chemi-

cal 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:* BIOL 110-111, 112-113; CHEM 111-112, 113-114

**BIOL 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:* BIOL 110-111, 112-113; CHEM 111-112, 113-114

**BIOL 320****Genetics***Four Credits LA*

A study of principles and theories of inheritance. Classical as well as molecular genetics are covered. Offered every Fall.

*Three-hour lecture, two-hour laboratory per week. One semester.*

*Prerequisite:* BIOL 110-111, 112-113; CHEM 111-112, 113-114

**BIOL 321****Evolution***Three Credits LA*

Topics covered in this course include the history of evolutionary thought, the origin of life, microevolution, macroevolution, population genetics, speciation, coevolution and critical periods in the evolution of life. In addition, an examination of social Darwinism, scientific creationism and review of the race concept will illustrate how one's culture and values influence scientific investigations.

*Prerequisites:* BIOL 111; BIOL 320 (may be taken concurrently)

**BIOL 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:* BIOL 110-111, 112-113; CHEM 111-112, 113-114 or CHEM 101, 121

BIOL 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:* BIOL 110-112, 112-113; CHEM 111-112, 113-114

BIOL 350

**Field and Laboratory Ecology***Three Credits LA*

A "hands-on" introduction to the methods employed by ecologists in field and laboratory investigations. Students will learn how to design field and laboratory studies, collect and process field and laboratory samples, and interpret ecological data.

**Note:** Saturday field trips may be required.

*Prerequisite:* BIOL 111, 113, 330 or permission of instructor

BIOL 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

BIOL 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:* BIOL 110-111, 112-113; CHEM 111-112, 113-114

BIOL 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:* BIOL 110-111, 112-113; CHEM 111-112, 113-114

BIOL 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:* BIOL 110-111, 112-113; CHEM 111-112, 113-114

BIOL 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:* BIOL 110-111, 112-113; CHEM 111-112

BIOL 477

**Science, Medicine and Ethics***Three Credits LA*

Dual listed as ENSC 477 and CHEM 478

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.

BIOL 493

**Molecular Biology***Four Credits LA*

This course is designed to introduce students to the basic principles of molecular biology. The behavior of molecules in cellular systems as well as diversity in gene expression will be examined via the processes of DNA, RNA and protein synthesis. In the laboratory students will be introduced to the basic procedures and techniques of recombinant DNA and gene cloning technology.

Offered annually.

**BUSINESS**

BUS 101

**Management and Organizational Behavior***Three Credits*

This course explores the fundamentals of management and organization of an enterprise, specifically the planning, organizing, directing, and controlling the management process, and develops systematic approaches to understanding behavior at the individual, group and organizational level. Subjects include interpersonal and group dynamics, motivation, leadership, conflict management, and the management of change. Primarily offered in the 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. Primarily offered in the 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*

An introduction to the major topics in corporate finance. The course examines the time value of money, capital budgeting, capital structure, financial analysis and forecasting, working capital management, and the financial markets. Offered every semester.

*Prerequisite:* ACCT 202 or 204, ECON 101 and 102, MATH 115 or 221

BUS 340

**Marketing Management***Three Credits*

An introductory course which examines the role of marketing in organizations and society. Topic areas include the conceptual foundations of marketing, analysis of the marketing environment, marketing research, consumer behavior, business to business marketing, segmentation and target marketing, product management, new product planning, distribution, pricing, and promotion, and the evaluation and control of marketing programs. 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*

Topics common to both production and service operations are emphasized. Includes quantitative decision making techniques, forecasting, various planning techniques involved in capacity, location and process, resource and materials planning, and the design of job and work measurement systems. Also included are inventory systems and models, materials management, and quality control methods. Offered every semester.

*Prerequisite:* MATH 115, 130, 230 and ACCT 202 or 204 *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 the labor movement in the United States and abroad, with emphasis on the three essential processes of collective bargaining; organizing employees, negotiating, and administering a labor contract. The course includes examination of labor law, the role of the National Labor Relations Board, public sector bargaining, and selected contract 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*

An analysis of financial securities and financial markets including the linkage of the stock market and the futures market, the selection of individual securities, and the formation and management of portfolios. The course examines modern portfolio theory and its application from the point of view of an institutional portfolio manager and an individual investor. Both fundamental analysis and technical analysis are covered in the course. Primarily offered in the Spring.

*Prerequisite:* BUS 320

BUS 421

**Corporate Finance***Three Credits*

A detailed study of the major topics in corporate finance with emphasis on risk, capital structure, capital budgeting, dividend policy, mergers, and leveraged buy outs. In case studies and problems, students employ computer spreadsheets. Offered every semester.

*Prerequisite:* BUS 320

BUS 430

**International Trade Management***Three Credits*

This course focuses on the legal, political, business, and cultural framework within which international trade takes place. Within this larger framework, the specific mechanisms involved in exporting and importing are an important sub-focus. Areas to be studied include types of foreign business organizations, multinational business

organizations, consortia of enterprises and/or countries, relationships between business and governments, political risk, international legal environment of trade, import and export mechanisms, foreign business cultures and ethics. Offered every third semester.

*Prerequisite:* BUS 101 or 102*Recommended:* BUS 380 and ECON 442

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 442

**International Marketing***Three Credits*

The objectives of this course are to develop an understanding of marketing management across the national boundaries, including development of marketing strategies in view of cultural, geographical, political, economic, and technological diversities. Various elements of marketing mix including adjustment and/or development of products, pricing, distribution and promotion, including export-based entry modes and channels will be discussed. Students will learn to make strategic decisions by developing and applying the analytical skills in actual situations via case studies. Term project will require library research and decision making. Offered every third semester.

*Prerequisite:* BUS 340

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 461

**Logistics/Materials Management**

*Three Credits*

A study of materials and goods flow from input to output in the production-distribution system, and examination of the planning and operations of subsystems in supply, transportation, intermediate storage, and inventory. Included will be more extensive study of demand management and forecasting, capacity planning, material requirements planning (MRP), Kanban and inventory control. Currently offered only to industry under contract. Campus offering upon sufficient demand.

*Prerequisite:* BUS 388

BUS 462

**Quality Assurance**

*Three Credits*

A concentration course focusing in detail on the key elements of the quality function in manufacturing. Subjects include theory and application of statistical process control and acceptance sampling, principles of quality management, elements of quality assurance systems, internal and vendor auditing and certification, and advanced concepts in quality management and control. Currently offered only to industry under contract. Campus offering upon sufficient demand.

*Prerequisite:* BUS 388

BUS 463

**Production Systems: Economics and Processes**

*Three Credits*

Following study of selected concepts of engineering economy, this course examines production systems, both traditional and developing ones, including robotics, CAD-CAM, group technology and flexible manufacturing systems (FMS). Economic concepts studied include the time value of money, present worth analysis, depreciation and obsolescence, return on investment (ROI), the nature of costs, breakeven analysis, tax implications, direct and indirect labor/material costs, and comparison of alternatives. Currently offered only to industry under contract. Campus offering upon sufficient demand.

*Prerequisite:* BUS 388, 461

BUS 477

**Management Strategy and Policy**

*Three Credits*

Restricted to seniors. An integrative course to fulfill the "capping" requirement. It draws on all the functional areas of management, related field requirements, and core studies. It includes the nature, dimensions, and

process of strategic management, as well as, internal and external analysis techniques. Topics such as strategic planning and the evaluation and implementation of strategic decisions in applications are also included. Offered every semester.

*Prerequisite:* BUS 301, 320, 340

*Corequisite:* BUS 388

## CHEMISTRY

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. Offered every Spring.

*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 applica-

tion of theories taught in General Chemistry II. Offered every Spring.

*Four laboratory hours per week.*

*Corequisite:* CHEM 112 or permission of instructor

#### CHEM 201

##### **Introduction to 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 or CHEM 101

#### CHEM 202

##### **Introductory Organic Chemistry Laboratory**

*One Credit*

This laboratory course is designed to accompany the course "Introduction to Organic Chemistry". Science majors other than chemistry majors may use these courses to satisfy their organic chemistry requirements. The topics include separation techniques, physical and chemical properties of organic compounds and an introduction to infrared and nuclear magnetic resonance spectroscopy.

*Two-hour laboratory per week.*

#### 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:* CHEM 211

#### CHEM 310

##### **Environmental Chemistry**

*Three Credits LA*

Dual listed as ENSC 310

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 annually--Spring semester.

*Prerequisite:* CHEM 111-112, 113-114, 201 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 111-112, 113-114, 351, or permission of instructor

#### CHEM 361

##### **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 362

##### **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 361 or permission of instructor

#### CHEM 363

##### **Experimental Physical Chemistry**

*Two Credits LA*

An exposure to some fundamental studies of chemical systems. Offered every Spring.

*Four-hour laboratory per week.*

*Corequisite:* CHEM 361

#### CHEM 420

##### **Biochemistry I**

*Three Credits LA*

A study of the structure and function of molecules of biological significance, of intermediary metabolism in-

cluding 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 421

##### **Biochemistry II**

*Three Credits LA*

Continued consideration of metabolism and the biochemistry of genetic information. Discussion of selected topics, including mechanisms of membrane transport, hormone action, and neurotransmission.

#### CHEM 422

##### **Biochemistry Laboratory II**

*Credits LA*

This laboratory exposes the student to selected biochemical techniques. Topics include several types of chromatography, electrophoresis, enzyme characterization, protein assays, ELISA, and properties of binding assays and liquid scintillation counting.

*Four-hour laboratory per week.*

*Prerequisites:* Chemistry 213, 420.

#### 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 361-362 or permission of instructor

#### CHEM 440

##### **Advanced Organic Chemistry**

*Three Credits LA*

An advanced treatment of selected topics chosen by the instructor. These topics may include the theory of resonance, stereochemistry of carbon compounds, reaction mechanisms and synthesis. Offered biennially.

*Prerequisite:* CHEM 211-212

#### CHEM 460

##### **Polymer Chemistry**

*Three Credits LA*

This course demonstrates to the students how to apply the basic principles of organic and physical chemistry to the understanding of the physical properties of polymers. This involves impressing upon the students the role that statistics and conformations of polymers play in the correlation of molecular architecture and physical properties.

*Prerequisite:* Organic Chemistry

*Corequisite:* CHEM 361

#### 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, 361, 362, 363

#### CHEM 478

##### **Science, Medicine & Ethics**

*Three Credits LA*

Dual listed as ENSC 477, BIOL 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

#### 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 ide-

ational, 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 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 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 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 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 209

##### **Principles of Advertising**

*Three Credits LA*

The function of advertising and its communications role in contemporary society. Emphasis is placed on the interlock between strategic planning and creative tactics used by national advertisers and their agencies, employing national and regional media vehicles. Current information and materials from agency and media sources are studied in geodemographic and psychographic contexts. Students cannot count both BUS 440 and COMM 209 towards concentration requirements in Advertising.

*Prerequisite:* Completion of Core/LS Writing Requirement, Sophomore standing.

#### COMM 210

##### **Retail Advertising and Promotion**

*Three Credits LA*

Organizing, planning and executing advertising for the special needs of retail, local and small business advertisers. The difference between such advertising and national branded-products promotion is emphasized. Three levels are examined: identity/"image", item-price promotion, and use of "events" to reach new audiences and build traffic. Students prepare prototype campaigns for real merchandising categories.

*Prerequisite:* COMM 209

#### COMM 225

##### **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 105

#### 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.

*Prerequisite:* Sophomore standing and COMM 105

#### 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 105

#### COMM 250

##### **The History of the Modern Theatre**

*Three Credits LA*

A study of international theatre 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 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 302

##### **The Broadcast Commercial**

*Three Credits LA*

Development of radio scripts and television scripts and storyboards for advertising commercials. Research data and information for assignments provided by national TV and radio industry sources. Practice in using accepted commercial formats and preparation of concepts to national broadcast standards. Student teams prepare complete television/radio campaigns for national brands.

*Prerequisite:* COMM 209, COMM 304

#### COMM 303

##### **Direct-Response Advertising**

*Three Credits LA*

Planning strategy and tactics, and developing copy and visual concepts to promote direct sales of consumer and industrial products, using print, broadcast, mail, and telemarketing media. Execution of campaigns for real

products in entrepreneurial frame. Computerized analysis of data-base information for targeting.

*Prerequisite:* COMM 209

#### COMM 304

##### **Writing for Advertising**

*Three Credits LA*

Developing copywriting skills for the advertising of national brands, principally in print media. Emphasis is placed on systematic preparation of background information and materials, interface between agency, client, and media, and the use of conventional approaches as the basis for originality. A "portfolio" of print advertisements is prepared by each student.

*Prerequisite:* COMM 209

#### COMM 316

##### **America and the Movies**

*Three Credits LA*

Dual listed as HIST 316

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 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 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.

*Prerequisite:* Completion of Core/LS writing requirement, Sophomore standing and COMM 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:* Completion of Core/LS writing requirement, Sophomore standing and COMM 105

**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 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 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

**COMM 333****Communications Revolution***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 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 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 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 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 105

**COMM 352**  
**American Drama 1915-1945**  
*Three Credits LA*  
Dual listed as ENG 340  
See ENG 340 for course description.

**COMM 353**  
**American Drama 1945-Present**  
*Three Credits LA*  
Dual listed as ENG 341  
See ENG 341 for course description.

**COMM 354**  
**Twentieth Century European Drama**  
*Three Credits LA*  
Dual listed as ENG 363  
See ENG 363 for course description.

**COMM 355 and 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 and 470**  
**Seminar in Communication Arts**  
*Three Credits each LA*

**COMM 371 and 471**  
**Independent Research in Communication Arts**  
*Three Credits each LA*  
*Prerequisite:* Permission of instructor

**COMM 192, 292, 392, 492**  
**Special Topics in Communication Arts**  
*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. 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 critical writing 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), National Cinema (e.g. French). May be taken more than once.

*Prerequisite:* COMM 230

**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 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****Capping Course***Three Credits LA*

A capping course required of all Senior Communication Arts Majors.

**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.

**COMPUTING STUDIES****CSIS 110****Computing Studies Seminar***One Credit LA*

The seminar consists of a series of lectures covering topics in computing and information processing. The topics will provide the student with a broad perspective of the field. Lectures will be given on state of the art topics by faculty actively involved in the area. The topics will include computer viruses, ethics, parallel processing, neural networks, artificial intelligence, CAD/CAM, robotics, logical office, continuous flow manufacturing, etc.

**CSIS 120****Computing Studies 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.

*Prerequisite:* Three years of high school mathematics.

**CSIS 121****Computing Studies 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 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:* CSIS 120

*Corequisite:* MATH 250

**CSIS 130****Computing Studies 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. Offered Spring semester.

*Prerequisite:* CSIS 120

**COMPUTER INFORMATION SYSTEMS****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. Offered fall semester.

*Prerequisites:* CSIS 120, 130

**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. Offered Spring semester.

*Prerequisite:* CSIS 121

CIS 395-396-397-398-399

**Internship in Computer Information Systems**

*One-Two-Three-Six-Nine Credits*

The internship is a professionally oriented experience in the information systems field. Arrangements are made with the Internship Director. Offered Summer and Fall semesters.

*Prerequisites:* Junior/Senior standing in CIS with a minimum cumulative GPA of 2.5.

**Note:** Internships carry elective credit and may not be used to fulfill the requirements of the major.

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. Offered Fall semester.

*Prerequisite:* CSIS 121, 130

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. Offered Spring semester.

*Prerequisite:* Completion of lower level Math and CSIS130

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. Offered Fall semester.

*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 404 and 408, 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 404

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 404

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. Offered Spring semester.

*Prerequisite:* 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:* CIS 461

CIS 492

**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. Offered Fall semester.

*Prerequisite:* CIS 461

CIS 477

### **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. This course is the Capping experience in the CIS major. Offered Spring semester.

*Prerequisite:* CIS 461 and CIS 492

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 404

CIS 495-496-497-498-499

### **Advanced Internship in Computer Information Systems**

*One-Two-Three-Six-Nine Credits*

The internship is a professionally oriented experience in the information systems field. Arrangements are made with the Internship Director during the previous semester. Offered every semester.

*Prerequisites:* Junior/Senior standing in CIS with a minimum cumulative GPA of 2.5.

**Note:** Internships carry elective credit and may not be used to fulfill the requirements of the major.

## **COMPUTER SCIENCE**

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 software applications such as word processing, spreadsheet, database systems, statistical packages and programming. This course provides a foundation in the organization, function, capabilities, and limitations of computers. Social implications and computer based bibliographic instruction will also be discussed. Designed for non-computer science majors. Offered every semester.

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:* CSIS 121

CMSC 233

### **Language Study**

*Three Credits LA*

This course is designed to introduce the student to a mainstream programming language that is not a part of the regular computer science curriculum. The student will be taught the syntax of the language as well as the software design paradigm associated with the language being taught. Programming projects will be assigned. Students are expected to have programming experience comparable to what is covered in CPS I and II. Offered every Spring.

*Prerequisite:* CSIS 121

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:* CSIS 121

CMSC 330

### **Logic Design**

*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 230

#### CMSC 335

##### **Advanced Data Structure**

*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:* CSIS 121, MATH 130, MATH 251, MATH 222

#### 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 335

#### 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 130, CSIS 121, 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 335

**CMSC 415****Computer Organization and 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 largescale components of a computer system are described in terms of hierarchy of levels. Offered every Spring.

*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 multiprogrammed operating system will be an integral part of the course. Offered every Fall.

*Prerequisite:* CMSC 312, CMSC 335, CMSC 415

**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 335

**CMSC 435****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 335, MATH 320, MATH 330

**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 on demand.

*Prerequisite:* CSIS 121, MATH 251

**CMSC 446****Computer Graphics***Three Credits LA*

The course introduces the student to the principles of computer graphics based on a study of both hardware and design of algorithms. The aim is a systematic study of the mathematical structure of real world objects in a 2D as well as 3D device-independent framework. The course will include graphics input and output of different kinds.

*Prerequisites:* CMSC 312 or practical software development experience, MATH 222, MATH 251

**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**

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 fall.

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 Spring.

CRJU 140

**The Federal Criminal Justice System***Three Credits LA*

The federal law enforcement structure is a myriad of organizations and functions. Each has specific responsibilities (prosecutorial, investigative and punitive) mandated by legislation and practice. It is the objective of this course to take the student through the structure, roles and requirements of the federal criminal justice system. There are over 60 federal law enforcement agencies. Areas such as firearm's control, espionage, tax evasion, animal protection, forest fire prevention, traffic on military bases, drug seizure, tariff regulation, will be discussed and analyzed.

CRJU 201

**Criminal Justice Organization and Administration***Three Credits LA*

A study of organizational principles and theory; applications to the law enforcement agency; motivation; productivity; psychological aspects of police management/supervision. Planning processes, decision making, manpower deployment, patrol methodology, development of police/community relations. Recruitment selection and training. Offered every Spring.

*Prerequisite:* CRJU 101

CRJU 206

**Criminal and Scientific Investigation***Three 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 230

**Police Community Relations***Three Credits LA*

Policing is difficult without the respect, trust and cooperation of the community and its various citizens. A mutually supportive partnership must be formed between the police and the citizenry. The purpose of this course is to identify the diverse citizen groups and their needs. How and when the police respond to these needs will be identified and discussed. This study will provide the student with the opportunity to explore and consider the ways the police and community can increase their effectiveness.

CRJU 235

**Probation, Corrections and Parole***Three Credits LA*

The objective of this course is to take the student through that aspect of the criminal justice system which deals with those who are convicted of crime. The functions, dilemmas, problems, successes of each area, Probation, Corrections & Parole will be studied and its place in the crime problem analyzed. The student will have the opportunity to explore and learn the functions of the various components of the system after conviction.

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

CRJU 305

**Juvenile Justice System***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

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 350

**Organized Crime***Three Credits LA*

This course will examine organized crime in its historical and cultural contexts. Therefore, the course will begin with a discussion of its historical roots in the *gemeinschaft* communities of southern Italy and expand to a discussion of the scope of organized criminal activity in New York and throughout the United States and the world. Of particular interest will be the illegal (gambling, drugs, prostitution) and legal business dealings; its involvement in labor unions, racketeering (construction industry, money laundering) and how it interfaces with legitimate businesses. Finally, the response of law enforcement to these activities will be discussed and various policy initiatives will be analyzed.

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

are discussed and analyzed. Emphasis will be placed on analysis and critique of Retribution, Deterrence, Social Defense and Rehabilitation. Offered every Spring.

*Prerequisite:* CRJU 102

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 every 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.

*Prerequisite:* CRJU 374

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. Senior Criminal Justice majors only. Offered every Fall.

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

*Prerequisite:* CRJ U 440

CRJU 496-499

**Criminal Justice Internship: I, II, III, IV**

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 within 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**

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*

A policy oriented examination of the relationship

between the economy and the natural environment. Topics include the environmental consequences of economic growth and development; the labor market impacts of environmental legislation; and the economic theories of "public goods" and "social costs." Offered every other year.

*Prerequisite:* ECON 101, 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 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*

This course studies the nature of money and the monetary system of a free enterprise economy. Topics covered include the role of financial institutions in the economy, the structure and operation of commercial banking, the Federal Reserve System, the development of monetary theory, and the application of monetary policy. Primarily offered in the Fall.

*Prerequisite:* ECON 101, 102

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 442****International Economics***Three Credits LA*

To provide students with a strong theoretical foundation and comprehension of the basic principles of international trade and finance, such as comparative advantage and the rationale for free trade, operations of the international monetary systems, historically and at present, Balance of Payments accounting, exchange rate determination. The course also examines current international economic issues. 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 Spring.

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

**EDUCATION****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 211****Participation/Observation in the Secondary Schools  
One Credit**

A field 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. Offered Spring semester.

*Open only to students enrolled in the secondary education program.*

*Corequisite:* Subject area Teaching Methods Course

**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 semester.

*Prerequisite:* PSYC 207, 208, 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 to examine a number of approaches and strategies in teaching children to read and to gain competence in all the language arts. Special emphasis is placed on diagnostic teaching in a whole-language classroom. Students learn how to assess literacy development, select reading and writing activities, formulate suitable lesson plans, and implement appropriate instruction for school children progressing normally in their reading development, as well as for those considered at risk.

Observation and participation at local schools is required. This course is offered every year.

*Prerequisite:* PSYC 207, 208, 317

*Corequisite:* PSYC 372

*Open only to students in the Special Education Program.*

#### EDUC 360

##### **A Workshop in Curriculum Development: Science, Social Studies, and Creative Arts**

*Three Credits*

The purpose of this course is the critical examination of current trends in elementary education and the implication of these trends to curriculum development. Special emphasis is placed on developing critical thinking skills, addressing multiple learning styles, including multicultural dimensions, using instructional technologies and constructing alternative assessment for use 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*

#### EDUC 374

##### **Methods and Materials for Moderately Handicapped Students**

*Three Credits*

These courses represent a major part of the coursework required of students seeking teacher certification in special education. They prepare students to assume the many responsibilities of the special education teacher, such as establishing curricular goals, assessing individual skill levels, planning and implementing appropriate teaching strategies, and evaluating student progress and teaching effectiveness. More importantly, they encourage students to become teachers who view each student as an individual, and who design the educational program to fit the student, rather than fitting the student to an existing program.

For the purposes of these courses, mildly handicapped students are defined as those who receive the major

portion of their instruction in the regular classroom; moderately handicapped students are those who receive most of their education in special classes or schools. The emphasis in the courses is on: 1) the development of skills in instruction and classroom management, to maximize special students' achievement; and 2) the development of self-evaluative skills, to promote a reflective approach to teaching practice. Class sessions include lecture/discussion, case analysis, and small group work. Extensive fieldwork is required.

These two courses are appropriately viewed as companion courses, and all students are required to register for both courses in a single semester. Offered Spring.

*Prerequisite:* PSYC 372

#### 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 middle school-high school level under the supervision of the Office of Teacher Education. Full-time attendance at a secondary school is required. On-campus seminar sessions. Offered Fall semester only.

*Prerequisite:* Subject methods course, PSYC 208, EDUC 211

*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 211

*Prerequisite or corequisite:* PSYC 208

#### 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 211

*Prerequisite or corequisite:* PSYC 208

#### EDUC 424

##### **Methods of Teaching Mathematics in Secondary Schools**

###### *Three Credits*

The course focuses on current trends in mathematics education, including studies of analytical reasoning and problem solving strategies, real world applications of mathematics and interdisciplinary approaches to teaching mathematics. A study of secondary level mathematics syllabi will also include ways of restructuring instruction and evaluation in light of the curriculum and evaluation standards of the National Council of Mathematics Teachers (NCTM). Students will design demonstration lessons and tests on specific topics. Offered Spring.

*Corequisite:* EDUC 211

*Prerequisite or corequisite:* 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 211

*Prerequisite or corequisite:* 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, recent trends in language arts instruction, test construction, evaluation. Presentation of lessons by students, video-taping of lesson for self-evaluation. Offered Spring.

*Corequisite:* EDUC 211

*Prerequisite or corequisite:* 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. Bi-weekly seminars 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 and spring.

*Permission is required. Open only to seniors who have completed the prerequisite 300-level methods courses in the professional sequence.*

## **ENGLISH**

#### 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 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. Offered when there is sufficient student interest.

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 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

**American Literature I**

*Three Credits LA*

Introduces students to number of New World writers, from 1620 to the Civil War, placing these in the context of significant historical and intellectual movements. The course begins with Colonial writers such as Bradford, Taylor, Rowlandson, and Bradstreet, moves to the 18th-century figures such as Edward and Franklin, and culminates with writers of the American Renaissance: Emerson, Poe, Hawthorne, Thoreau, Melville. Offered every year.

ENG 211

**American Literature II**

*Three Credits LA*

Introduces students to a number of significant American writers from the Civil War to the mid-twentieth century. The course begins with Whitman and includes late 19th-century writers such as Dickinson, Twain, James, Freeman, Jewett, and Adams. Readings from a variety of early 20th-century novelists, essayists, poets, and playwrights will be selected, e.g. Chopin, Lewis, Faulkner, Gilman, Wharton, Fitzgerald, Hemingway, Cather, Anderson, Eliot, Williams, O'Neill, Baldwin. Offered every year.

ENG 212

**English Literature I**

*Three Credits LA*

A broad survey of English Literature, represented by significant texts produced from the Medieval period through the Renaissance, including the work of such authors as the *Beowulf* poet, Geoffrey Chaucer, Edmund Spenser, William Shakespeare and John Milton. Offered every year.

**ENG 213****English Literature II***Three Credits LA*

A broad survey of English Literature, represented by significant texts produced from the Restoration through the early 20th century, including the work of such authors as Pope, Swift, Wordsworth, Dickens, Tennyson, Yeats, and Eliot. Offered every year.

**ENG 214****Religion in Film and Literature***Three Credits LA*

Dual listed as REST 214

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 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. Offered every year.

**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 the 19th and 20th centuries. Writers such as Poe, Hawthorne, and Melville will be examined for their contribution to the establishment of

the genre, while succeeding writers such as Jewett, Wharton, Hemingway, Salinger, Cheever, and Walker will be studied for ways in which the form has developed during the two centuries. Offered at least once every three years.

**ENG 270****Classics of Western Literature***Three Credits LA*

This course examines some of the major works that form the literary tradition of Western culture. At least half of the authors will be drawn from the Pre-Christian, the Medieval and the Renaissance periods: for example, Homer, Sophocles, Virgil, Chaucer, Dante, Shakespeare, and Cervantes. Additional reading from the post-Renaissance period may be selected by the instructor. 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 also attempt some adaptations—from their own work or the work of another. Offered at least once every three years.

**ENG 292****Special Topics in English***Three Credits LA*

Identifies and explores a topic or theme, introducing students at the same time to fundamentals of textual analysis. The course may be used to satisfy a Core/Liberal Studies requirement in literature. Previous topics have included Black Women Writers and Speculative Fiction. Offered at least once every three years.

**ENG 301****History of the English Language I***Three Credits LA*

A study of the development of the English language from the Old English period to the present. By applying the tools of linguistic analysis to the study of written texts, the student is able to discern general principles governing particular changes to the language. Equal attention is paid to the socio-cultural and political factors contributing to these changes. By focusing on the universal conditions of linguistic change, the course prepares the student for further inquiry into the evolution of human languages.

Offered in alternate years: expected 94-95, 96-97

**ENG 302****History of the English Language II***Three Credits LA*

A study of the development of varieties of English. By

presenting samples of these varieties, this course encourages the student to investigate how a natural language is first created and then developed through pidginization, creolization, and standardization. The social life of the language is examined in order to determine its future course of development. History of the English Language I is not a prerequisite. Offered in alternate years: expected 93-94, 95-96.

## ENG 307

**Introduction to Linguistics***Three Credits LA*

An investigation of the underlying phonological, grammatical, and semantic systems of natural language. The student is trained to analyze linguistic data illustrating the range of structural possibilities in human languages. The course not only discusses current linguistic theories but also emphasizes the problem of constructing an accurate representation of a system as complex as natural language. Through such emphasis, the course aims to enhance the student's appreciation of the creativity of language and of the language user. Offered in alternate years: expected 94-95, 96-97.

## ENG 308

**Literary Critical Theory***Three Credits LA*

The course examines the principal movements in critical theory. Starting with Plato, Aristotle, Horace and Longinus, it follows the development of mimetic, formal, pragmatic, and expressive theories. The last section of the course will touch on some of the new directions in criticism since 1966: feminism, deconstruction, reader response, semiotics, psychoanalysis. Offered in alternate years: expected 94-95, 96-97.

## ENG 310

**Workshop in Playwriting***Three Credits LA*

Designed to help the writer explore the special nature of writing for the stage. The student-playwright will experiment with shorter and longer forms, from the scene to the full-length play—and, in a preliminary attempt to discover a personal voice and style, will examine representational and non-representational approaches to dramatic writing. Scenes will be acted out and critiqued in the classroom, with special attention paid to suitability for production.

Offered in alternate years: expected 94-95, 96-97.  
*Prerequisite:* Completion of Core/LS writing requirement.

## ENG 311

**Poetry Workshop***Three Credits LA*

An introduction to the craft of poetry, designed to offer students direct experience in writing poetry and to heighten their awareness of the imaginative potential of

language. Students gain practice in formal elements of verse, experimenting with a wide variety of traditional and non-traditional approaches. The workshop emphasizes group discussion of student's own work, along with consideration of various contemporary models. Offered every year.

*Prerequisite:* Completion of Core/LS writing requirement.

## ENG 312

**Technical and Professional Writing***Three Credits LA*

Practice in various rhetorical strategies and written forms appropriate to the needs of business and industry: audience and format analysis, collaborative writing and presentation, memos, letters, business and technical reports, instructions, process and mechanism descriptions, the use of graphics in written and spoken communication, proposals. The course is a workshop course and will include group discussions of students' work. Offered every year.

*Prerequisite:* Completion of Core/LS writing requirement.

## ENG 319

**Rise of the American Novel***Three Credits LA*

Examines novelists' search for an "American" voice in the 18th and 19th centuries. Through writers such as Cooper, Poe, Hawthorne, Melville, Twain, Stowe, James, and Crane, the course explores the development of the novel as a form, in conjunction with a search for themes and approaches expressive of an emerging nation. Offered in alternate years: expected 94-95, 96-97.

## 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 every 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 in alternate years: expected 93-94, 95-96.

ENG 324

**Chaucer***Three Credits LA*

A detailed examination of his shorter poems, the dream visions, *Troilus and Criseyde*, and the *Canterbury Tales*, exploring the influences of history, politics, national cultures, literary traditions and social classes upon those texts.

Offered in alternate years: expected 93-94, 95-96.

ENG 325

**Shakespeare***Three Credits LA*

A study of Shakespeare's art and development through a reading of selected tragedies, comedies, histories, romances and non-dramatic poetry. Offered every year.

ENG 326

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

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

Offered in alternate years: expected 93-94, 95-96.

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 in alternate years: expected 93-94, 95-96.

ENG 329

**Seventeenth-Century Literature***Three Credits LA*

A detailed examination of poetry and prose of the century. The course focuses on important schools, such as metaphysical and cavalier; genres, such as elegies and country house poems; authors (Donne, Jonson, Milton, Marvell, Dryden); and periods such as the Commonwealth and Restoration.

Offered in alternate years: expected 93-94, 95-96

ENG 330

**Medieval Literature***Three Credits LA*

A study of literature written in the British Isles from the

earliest records through the Old- and Middle-English periods up to the Renaissance, exploring the influences of history, politics, national cultures, literary traditions and social classes upon the development of that literature.

Offered alternate years: expected 94-95, 96-97.

ENG 331

**Renaissance Literature***Three Credits LA*

A study of the prose and poetry of the English Renaissance, exclusive of Shakespeare and drama, and the influence upon that literature of intellectual, literary, political, historical, and cultural movements of the period. Major authors include Wyatt, Sidney, Spenser, Marlowe, Donne.

Offered in alternate years: expected 94-95, 96-97.

ENG 334

**The Romantics***Three Credits LA*

Focus is on the major works of Wordsworth, Coleridge, Byron, Shelley, and Keats, along with the revolution in poetry they helped to bring about in the early 19th century. Attention will be given to the political, cultural, and intellectual climate of the period.

Offered in alternate years: expected 94-95, 96-97.

ENG 335

**Victorian Prose and Poetry***Three Credits LA*

Poetry and non-fictional prose of the second half of the 19th century with emphasis on selected works by such authors as Tennyson, Browning, Arnold, Carlyle, Mill, Ruskin, and Pater. Attention is given to the intellectual and cultural climate in which these writers worked and to the lasting significance of their achievements.

Offered in alternate years: expected 93-94, 95-96.

ENG 336

**The Age of Satire and Sensibility***Three Credits LA*

An examination of representative works by such 18th century authors as Swift, Pope, Gay, Johnson, Thomson, Gray, Collins, and Cowper. Attention will be given to the satiric mode characteristic of the early part of the century and to the philosophical, descriptive, meditative poetry of the later 18th century. A representative 18th-century novel and play may be included at the discretion of the instructor.

Offered in alternate years: expected 94-95, 96-97.

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 every 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 every three years.

## ENG 342

**Contemporary English and American Poetry***Three Credits LA*

Reading and discussion of poets who have come into prominence since World War II: Brooks, Lowell, Bishop, Plath, Hughes, Rich, Tomlinson, and others. Attention is given to developments in form and to important post-war movements, such as the Beats and the Confessionals, as well as to attitudes and themes that give significance to the term "contemporary".

Offered in alternate years: expected 94-95, 96-97.

## ENG 344

**The Modern American Novel***Three Credits LA*

A study of the major fictional writers in America in the 20th century, including Hemingway, Fitzgerald, Faulkner, Wharton, and Cather. Consideration is given to the work of more recent novelists, such as Bellow, Barth, Cheever. Offered in alternate years: expected 94-95, 96-97.

## 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 in alternate years: expected 93-94, 95-96.

## ENG 360

**Ancient Greek Literature***Three Credits LA*

A study of archaic and classical Greek literature in translation. Readings include the epics of Homer; the lyrics of Sappho; major tragedies of Aeschylus, Sophocles and Euripides; a comedy by Aristophanes

and the literary criticism of Aristotle.

Offered in alternate years: expected 94-95, 96-97.

## ENG 361

**Ancient Roman and Early Christian Literature***Three Credits LA*

The literature of Rome from roughly 400 B.C. to 500 A.D., in translation. Readings include comedies by Plautus, Cicero's prose, poetry of Catullus and Horace, Virgil's *Aeneid*, and Ovid's *Metamorphoses*, as well as literature of the early church (gospels and epistles). The course ends by examining an author who attempts to merge Christian and pagan traditions, such as Augustine or Boethius.

Offered in alternate years: expected 94-95, 96-97.

## ENG 363

**Twentieth-Century European Drama***Three Credits LA*

Dual listed as COMM 354

A general survey of the development of drama in contemporary Europe. Offered when there is sufficient student interest.

## ENG 364

**Dostoevsky***Three Credits LA*

Dual listed as RUSS 320

See RUSS 320 for course description.

## ENG 365

**Tolstoy***Three Credits LA*

Dual listed as RUSS 321

See RUSS 321 for course description.

## ENG 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 in alternate years: expected 93-94, 95-96.

## 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 in alternate years: expected 94-95, 96-97.

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 in alternate years: expected 93-94, 95-96.

ENG 380

**Workshop in Nonfiction**

*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 year.

*Prerequisite:* Completion of Core/LS writing requirement.

ENG 382

**Workshop in Fiction**

*Three Credits LA*

The student is given the freedom to explore individual potential in the writing of short fiction. Course includes workshop sessions, discussion of student work and readings on the craft of fiction. Offered every year.

*Prerequisite:* Completion of Core/LS writing requirement.

ENG 392

**Special Topics in English**

*Three Credits LA*

Identifies and explores a literary or linguistic topic, usually more specialized than regular offerings. Previous topics have included Language and the Mind, D. H. Lawrence, American Women Poets. Offered at least once every three years.

ENG 426

**Advanced Journalism**

*Three Credits LA*

Dual listed as COMM 424

See COMM 424 for course description.

ENG 427

**Seminar in English Literature**

*Three Credits LA*

Advanced study of a British intellectual and aesthetic movement, or of a literary problem, theme, topic, or writer. Offered every three years.

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*

Advanced study of an American intellectual and aesthetic movement, or of a literary problem, theme, topic, or writer. Offered every three years.

ENG 477

**Capping Course**

*Three Credits LA*

A capping course required for all Senior English majors. Topics vary. 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

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 each semester.

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, POSC 110.

ENSC 230

### Intro to Geographic Information Systems

Three Credits LA

This course will provide an introduction to Geographic Information Systems. A Geographic Information System is a series of tools to create, edit, maintain, and analyze maps and data about features that occur over a specific geographic area. The course will detail the terminology, concepts, and application that are commonly used with GIS. Hands on training will be provided in the labs for input and edit functions, ad hoc query and analysis functions and facilities management functions.

*(Pending Approval Notification)*

ENSC 305

### Environmental Economics

Three Credits LA

Dual Listed as ECON 305

A policy oriented examination of the relationship between the economy and the natural environment. Topics include the environmental consequences of economic growth and development; the labor market impacts of environmental legislation; and the economic theories of "public goods" and "social costs." 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 annually—Spring semester.

*Prerequisite:* CHEM 111-112, 113-114, 201 or 211

ENSC 312

### Environmental Chemistry Laboratory

Two Credits LA

A laboratory course designed to provide the student with experiences using the standard instrumentation employed in the inventory of various types of airborne and waterborne pollutants. The instruments include pH, oxygen and salinity meters, U.V.—visible spectrophotometer, atomic absorption, spectrophotometer and gas chromatograph. Offered annually—Spring semester.

*Prerequisite:* CHEM 111-112, 113-114, 202 or 213

ENSC 313

### Environmental Microbiology

Three Credits LA

This course is an extension of basic microbiological methods to analyze environmentally important samples. Since many of the functions of eco-systems are governed by microorganisms, the microbiota are likely to be key indicators of environmental impacts. Topics in this course include microbial diversity, ecological parameters affecting microorganisms, population interactions and applied aspects of microbial ecology.

*Two-hour lecture, three hour lab.*

*Prerequisite:* BIOL 312

ENSC 330

### Advanced Geographic Information Systems

Three Credits LA

Students will gain an in depth understanding of the architecture of specific GIS solutions and the issues and procedures facing users.

Upon completion of this course, the student should be able to: understand various GIS architectures; understand, contrast, and articulate the benefits of one GIS architecture vs. others; understand in detail the data conversion process; to learn applications and input data; to complete a GIS research project.

*(Pending Approval Notification)*

ENSC 380

### 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, BIOL 350, one semester of chemistry lab.

**ENSC 398-399****Internship***Three Credits Each*

The internship is designed to be a preprofessional work related experience at an off-campus location. Generally taken in the Junior or Senior year, placements may be obtained within scientific, governmental, or advocacy organizations or with private consulting firms and environmental laboratories. The student intern will be supervised by an on-site professional and by the Environmental Science Program Director. Internships must be approved prior to their commencement by the Program Director and the Office of Career Services.

**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 and 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:* BIOL 312, ENSC 310

**ENSC 420****Environmental Planning***Three Credits LA*

This course will cover the constitutional principles, values, and socio-economic impacts affecting planning; basic planning, land-use, and development practices such as environmental impact statements, master plans, citizen participation; and issues facing environmentally sound planning today.

*Prerequisites:* ENSC 101, POSC 240, or permission of the instructor.

**ENSC 425****Environmental Law***Three Credits LA*

An overview of current environmental law issues, includ-

ing impact review, air and water quality, solid and hazardous waste, and toxic substances. Emphasis on federal and state statutory and regulatory requirements, and cas law interpretation.

*Prerequisites:* ENSC 101

**ENSC 440-441****Research I-II***Three Credits each LA*

These courses offer the student the opportunity to do research in environmental science under the direction of a faculty member. At the end of her/his work, she/he presents a written report and a public seminar.

*Prerequisites:* Junior standing and permission of the ENSC program director.

**ENSC 477****Science, Medicine and Ethics***Three Credits LA*

Dual listed as BIOL 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****FDS 101****Fundamentals of Art and Design I***Three Credits*

See ART 101 for course description.

**FDS 122****Textiles for Fashion***Three Credits*

This course covers basic technology of fabric from fiber to finished piece goods. Included are cultivation and production of natural fibers, synthetic manufacture, industry and consumer utilization of textiles.

**FDS 124****Fashion Drawing & Color***Three Credits*

An introductory course to develop basic drawing skills for design development. The student is encouraged to develop an individual style once skills are established. Techniques included are markers, colored pencils, water color and collage.

**FDS 127****Graphics for Fashion***Two Credits*

Introduction to techniques for surface decoration. Topics covered are fabric painting, printing, applique, bead-

ing and yarn work. Exploration of new techniques is encouraged.

FDS 129

**Fashion Construction I**

*Two Credits*

This course is designed to provide the foundation of sewing. All aspects of garment construction will be introduced from the correct use of tools and equipment through hand and machine stitching.

FDS 130-131

**Fashion Design I & II**

*Three Credits each*

Introductory course for concept/design development. This course is intended to unite theoretical and practical aspects of the design process. Course content includes historical/social contexts, exploration of given themes, presentation of design work including illustration. Project work is integrated with introductory illustration courses.

FDS 139

**Fashion Construction II**

*Two Credits*

Further development of "Fashion Construction I" (FDS-129), with emphasis on advanced techniques. Introduction to project work in conjunction with "Fashion Draping" (FDS-365), and design disciplines.

*Prerequisite:* FDS-129.

FDS 224

**Working Sketch & Illustration**

*Three Credits*

This course is project based with an emphasis on illustration skills and expression of ideas from concept through design exploration to finished sketch. The student concentrates on the building of a comprehensive working sketch book which reflects his/her personal design development.

FDS 230-231

**Fashion Design III & IV**

*Four Credits each*

This course explores approaches to design, with an emphasis on line-building, construction and fabrication. A minimum of three outfits will be taken from sketches through to completed garments. Also includes industry contact through various design firms.

*Prerequisite:* FDS 130-131.

FDS 251

**Fashion Pattern Making**

*Two Credits*

Introduction to the principles of two dimensional pattern making. Students develop the ability to solve design problems through flat pattern making.

FDS 261

**Advanced Fashion Pattern Making**

*Two Credits*

Further study of flat pattern making techniques combined with project work.

*Prerequisite:* Fashion Pattern Making (FDS-251).

FDS 310

**Retail Merchandising**

*Three Credits*

A basic introductory course to acquaint students with the planning and implementation of buying and selling, following the flow of merchandise from manufacturer/vendor, into the store and ultimate purchase by the consumer.

FDS 355

**Fashion Model Drawing**

*One Credit*

The study of the live model and its application to fashion figure drawing. Emphasis is placed on basic anatomy, movement, realistic/fashion proportions.

FDS 360

**Advanced Fashion Retail**

*Three Credits*

The objective of this course is to develop an understanding of the strategies used in merchandising in a retail operation.

*Prerequisite:* Fashion Retail Merchandising FDS 310.

FDS 364

**Fashion Publication & Layout**

*Three Credits*

Introduction to methods used in concept development and promotion via the printed page. Course work includes photographic and type layout, visual editing, image building, demographics and distribution.

FDS 365

**Fashion Draping**

*Two Credits*

Students learn the basic principles of the technical and aesthetic methods of draping on the dress form through lectures and demonstration. 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.

FDS 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.

FDS 395-396

### **Internship**

*One-Two Credits*

FDS 397-398-399

### **Internship**

*Three-Six-Nine Credits*

The BPS majors are offered the opportunity to elect preprofessional internships in the fashion field. On-the-job training is highly recommended for juniors and seniors who have distinguished themselves in the Fashion Design Courses. Each intern has an on-site supervisor as well as a faculty supervisor on campus. Allowable credits are determined by the program director.

*Prerequisite:* Permission of the Fashion Design and Merchandising Director

FDS 455

### **Advanced Fashion Model Drawing**

*One Credit*

Further development of "Fashion Model Drawing" (FDS 355).

*Prerequisite:* Fashion Model Drawing FDS 355.

FDS 460

### **Fashion Writing & Drawing Editorials**

*Three Credits*

The Study of words and images pertaining to the fashion editorial. Course work is project based and includes independent research and critiques with faculty.

FDS 465

### **Advanced Fashion Draping**

*Two Credits*

Development from "Fashion Draping" (FDS 365), emphasizing advanced techniques. Introduction to project work in conjunction with "Fashion Construction II" and design disciplines.

*Prerequisite:* Fashion Draping FDS 365.

FDS 497-498-499

### **Advanced Internship**

*Three-Six-Nine Credits*

The BPS majors are offered the opportunity to elect

preprofessional internships in the fashion field. On-the-job training is highly recommended for seniors who have distinguished themselves in the Fashion Design Courses. The student may intern in such diverse local and New York City organizations as: 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**

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, theatre, film and architecture. Offered every semester.

**Note:** This is a course for non-majors and satisfies the Core/Liberal Studies requirement for freshmen.

## **STUDIO ART COURSES**

**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**

*Three Credits*

Dual listed FDS 101

A foundation course which investigates the elements and principles of design underlying all the visual arts. Students will be introduced to the basic skills and techniques necessary for the creation of well crafted designs. There will be regular group critiques of assignments to develop a working vocabulary for describing and analyzing visual art. Experimentation and innovative solutions are encouraged. This course assumes no previous experience. Offered every semester.

ART 105

### **Basic Sculpture**

*Three Credits*

This course is designed to orient the beginning student to working in three dimensions. The traditional skills of constructing, modeling, and carving will be used to create both figurative and abstract forms. During regular

class critiques, students will develop a usable vocabulary for describing and evaluating their own work and other three dimensional works of art. This course assumes no previous experience. Offered every Fall.

#### ART 110

##### **Basic Drawing**

*Three Credits*

A course designed to introduce the student to the materials and techniques of drawing, focusing on the study and representation of objects and natural forms. This course assumes no previous experience. Offered every semester.

#### ART 111

##### **Basic Painting**

*Three Credits*

An introduction to the materials and techniques of painting. Students will investigate a variety of approaches, from traditional to modern, using still-life and less conventional subject matter. While the course assumes no previous experience in painting, it is recommended that students will have completed ART 101 or 110. Offered every semester.

#### ART 145

##### **Basic Photography**

*Three Credits*

An introduction to the study of photography as a means of creative expression. Students will explore basic concepts, processes and techniques, including camera usage, exposure controls, film development, darkroom procedures, and print presentation. Developing and printing black and white photographs will be an integral part of the course. Creative exploration through specific assignments will form the basis for development of aesthetic criteria. No previous photographic experience is assumed. Students must supply their own cameras with adjustable apertures and shutter speeds. Offered every semester.

#### 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 artist. Students will be exposed to the language of Basic, the IBM PC art commands, graphics printers, plotters, light pens, and to the creation of art and music. No Prerequisites. Offered every semester.

#### ART 202

##### **Intermediate Painting**

*Three Credits*

The fundamental skills acquired in Beginning Painting will be reviewed and built upon. Assignments will continue the exploration of different approaches and differ-

ent sources of inspiration for painting, including working from the figure. Students will gain an awareness of the growth and range of painting in the 20th century. Offered every Spring.

*Prerequisite:* ART 111

#### ART 203

##### **Intermediate Drawing**

*Three Credits*

This course builds upon the experience gained in Basic Drawing. Exploration of the expressive range of drawing in a variety of media and techniques. Offered every Fall.

*Prerequisite:* ART 110

#### ART 205

##### **Intermediate Sculpture**

*Three Credits*

A further exploration of sculptural form with a more complete study of the various sculptural approaches and techniques.

*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 215

##### **Graphic Design I**

*Three Credits*

This course is designed to provide an overview of the Graphic Design field, emphasizing basic lettering and typography, production and design skills. Assigned projects furnish an understanding of the designer's creative process—the progressive steps from research, thumbnails and roughs through the finished mechanicals. Students are encouraged to approach problem solving in an imaginative yet professional manner. Offered every semester.

*Prerequisite:* ART 101

#### ART 240

##### **Intermediate Photography**

*Three Credits*

A continuation of Basic Photography, this course further explores black and white films and printing techniques. In addition to conventional materials, specialized films including infrared, technical pan, and high contrast litho are introduced. Production will be aimed at pursuing particular problems related to photographic visualization and the development of a personalized approach to the medium.

*Prerequisite:* ART 145

**ART 301****Advanced Painting I***Three Credits*

Advanced study in painting, including concentrated investigation of master painters. In this course, students will be encouraged to paint in an innovative and personal way to establish and develop individual imagery. Offered every Spring.

*Prerequisite:* ART 202

**ART 310****Advanced Drawing I***Three Credits*

Advanced study in drawing, stressing a more personal expression. Includes substantial experimentation and consideration of contemporary aesthetic issues in art. Offered every Fall.

*Prerequisite:* ART 203

**ART 314****Advanced Photography***Three Credits*

This upper division studio course centers on advanced black and white printing and aesthetics. Students will work primarily on the further development of a personal response to the medium as class critiques are directed towards the evolution of a sophisticated criteria to aid in understanding images within the context of historical and contemporary photography.

*Prerequisite:* ART 240

**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 402****Advanced Painting II***Three Credits*

Individualized study in painting with one or more instructors. Students will be given the opportunity to explore in depth themes, techniques, subjects, or experimental media of their own choosing.

*Prerequisite:* Permission of studio coordinator

**ART 409****Advanced Drawing II***Three Credits*

Advanced drawing with media and content based upon individual needs. Students are encouraged to define their own aesthetic approach to the medium.

*Prerequisite:* Permission of studio coordinator

**ART HISTORY COURSES****ART 160****History of Western Art 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. Offered every Fall.

**ART 180****History of Western Art II***Three Credits LA*

This course will study the history of art from the Renaissance to the early 20th century. Offered every Spring.

**ART 220****History of Photography***Three Credits LA*

This course will examine the history of Photography and the important role this medium of expression has held since its "discovery" in 1839. A chronological approach to the exploration of this medium will be used to demonstrate the important contributions that this art form has made to the history of art. The use of photography as an expression of humanistic, religious, and social values will also be considered.

**ART 230****Greek and Roman Art***Three Credits LA*

This course will examine the art of Ancient Greece from the tenth century B.C. through the Hellenistic era and the art of Ancient Rome from the early Republic through the reign of emperor Constantine. Pre-Greek civilizations of Crete, the Cycladics, and Mycenae will be introduced as well as the Pre-Roman culture of the Etruscans. Offered biennially.

**ART 250****Contemporary Art***Three Credits LA*

This course will study the art of the mid to late 20th Century in the United States and Europe, with references to other cultures as relevant. Beginning with an examination of the Art of the 1940's in the United States and Europe, the course will explore the technical innovations, formal characteristics and iconography characterizing art from Henry Moore, Barbara Hepworth in Britain, Mark Rothko, Jackson Pollack, William de Kooning and David Smith in America from the 1980's through the present. Some of the major artists include Nevelson, Hockney, Long, Smithson, Frankenthaler, Holzer and Haring. This course will examine in depth the intellectual sources and context of contemporary times. Offered biennially.

## ART 270

**Russian and Soviet Art***Three Credits LA*

This course will study Russian and Soviet art from medieval period to the Stalinist era. Influences of western art from Byzantium, Germany, and France will be studied along with indigenous art forms. Emphasis will be placed on the avant-garde period of 1910 and 1930 during which Russian artists introduced Suprematism and Constructivism. Offered biennially.

## ART 280

**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 biennially.

## ART 290

**Museum Studies***Three Credits LA*

This course will examine the structure and function of art museums, house museums, art galleries, and art centers as well as related institutions in the fields of historic preservation, conservation, and folk culture. The history and development of museums as educational institutions in modern times will be studied in the broader context of collecting, maintaining, exhibiting, and interpreting works of art. The relationship between the museum and the public as well as the policies and programs of funding art institutions will also be discussed. Offered biennially.

## ART 362

**Art & 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 biennially.

## 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 biennially.

## 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 biennially.

## ART 380

**Renaissance Art***Three Credits LA*

This course will study the art of the Renaissance in the Lowlands and Italy. Beginning with an examination of the sources of the Renaissance in the late medieval period, the course will explore the technical innovations, formal characteristics, and iconography characterizing art from Giotto and Claus Sluter to Hugo vanderGoes and Raphael. Some of the major artists include Masaccio, Donatello, and Jan van Eyck. This course will examine in depth the intellectual sources and context of the Renaissance. Offered biennially.

## ART 391-392-393

**Special Topics in Studio Art or Art History***One, Two, Three Credits*

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 397

**Advanced Internship***Three Credits*

Internships are arranged with local or New York City galleries and museums, or with art professionals. They are designed to give juniors and seniors majoring in Fine Arts an opportunity to work with professionals.

Students must have a 2.5 cumulative grade point average and be recommended by the Art faculty. An internship is not a requirement for a major in Fine Arts.

## ART 477

**Capping Course***Three Credits LA*

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.

## FOREIGN CULTURES/CIVILIZATIONS

Core/Liberal Studies Curriculum: Foreign Language Option. Students may substitute one course in foreign culture for the second course in either history or literature.

FCFR 167

### **France and the World**

*Three Credits LA*

Dual Listed FREN 167

Taught in English

FCFR 250

### **Backgrounds of French Civilization.**

*Three Credits LA*

Dual Listed FREN 250

FCFR 251

### **Contemporary French Civilization**

*Three Credits LA*

Dual Listed FREN 251

FCIT 250

### **The Civilization Of Italy**

*Three Credits LA*

Dual Listed ITAL 250

FCRU 223

### **Russia Today**

*Three Credits LA*

Dual Listed RUSS 223

Taught in English

FCSP 150

### **The Civilization of Spain**

*Three Credits LA*

Dual Listed SPAN 150

Taught in English

FCSP 152

### **The Civilization of Latin America**

*Three Credits LA*

Dual Listed SPAN 152

Taught in English

FCSP 153

### **The Civilization of Puerto Rico**

*Three Credits LA*

Dual Listed SPAN 153

Taught in English

FCSP 154

### **Civilization: Hispanics in the United States**

*Three Credits LA*

Dual Listed SPAN 154

Taught in English

FCSP 250

### **Hispanic Civilization Spain**

*Three Listed LA*

Dual Listed SPAN 250

FCSP 260

### **Hispanic Civilization: Latin America**

*Three Credits LA*

Dual Listed SPAN 260

## FRENCH

FREN 101-102

### **Elementary French I-II**

*Three Credits LA*

The elements of basic French pronunciation, essentials of grammar, vocabulary building, original sentence construction. Reading for meaning. Audio and video practice required. Offered annually.

FREN 105-106

### **Intermediate French I-II**

*Three Credits each LA*

The elements of basic French are pursued more intensely and thoroughly. Includes practice in speaking, reading, discussion of short texts, systematic grammar review, composition writing, and work with audio visual resources. Offered annually.

FREN 167

### **France and the World**

*Three Credits LA*

Dual listed as FCFR 167

Contemporary France studied in its political, social, religious, intellectual and artistic aspects. The future of the French identity in relation to a changing Europe, and the constant scrutiny of American culture by the French. Excerpts of French movies, news broadcasts, magazine articles, music recordings and American press clippings, will help illustrate French reactions and behavior within its borders and in the international community. Taught in English.

FREN 201-202

### **Language and Culture 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 and cultural readings. Extensive use of idiomatic French in conversation and composition. Offered annually.

FREN 210

### **La France Aujourd'hui**

*Three Credits LA*

Fifteen reaction papers of approximately 750 words each on assigned or personally chosen topics of con-

temporary France: politics, religion, education, the media, the arts, family life, science and ethics, the environment, etc.

#### FREN 220

##### **Contemporary French Literature in Translation**

*Three Credits LA*

A survey of the major literary developments in France and the French-speaking world in the twentieth century, from the perspective of their contribution to a modern aesthetic. Representative texts are studied in their cultural and philosophical context.

#### FREN 225-226

##### **Phonetics and Oral Interpretation I-II**

*Three Credits each LA*

Public reading of French prose and poetry, with background work in phonetic transcription and in dictation. The course stresses accuracy of pronunciation and intonation. All work is conducted in French. Offered annually in France.

#### FREN 250

##### **Backgrounds of French Civilization**

*Three Credits LA*

Dual listed as FCFR 250

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*

Dual listed as FCFR 251

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 310-311

##### **French Grammar and Composition I-II**

*Three Credits each LA*

Thorough grounding in French grammar. *Analyse logique et grammaticale*. Grammatical analysis of literary texts. Writing by imitation. The *explication de texte*, the *dissertation*. Creative writing. Translation. Offered when there is sufficient student interest.

#### 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, Chénier, la littérature libertine. Offered annually in France; on campus when needed.

#### FREN 329

##### **Nineteenth Century French Literature**

*Three Credits LA*

A study of 19th century French Literature tracing the development of each genre (Novel, Poetry, Drama) from Romanticism through Realism and Naturalism, up to the Parnassian and the Symbolist Movement, through its most representative writers like Balzac, Flaubert, Zola, Victor Hugo, Leconte de Lisle, Baudelaire, Mallarmé, etc. Historical, social and economic background of the period studied in relevance to the works is also stressed. Offered every Fall.

#### FREN 330

##### **Twentieth Century French Literature**

*Three Credits LA*

A study of the main currents of literature and thought in 20th century France through its most representative writers in the field of fiction, poetry and drama: Proust, Gide, Mauriac, Camus, Sartre and the Existentialists Claudel, Peguy and the Surrealists, St. John Perse, René 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 or in supervised teaching assistantships on campus. Work performance, assigned research or 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 coordinator

FREN 410-411

**Grammaire: Perfectionment I-II***Three Credits each LA*

The fine points of French grammar explained and drilled in preparation for the Diplôme de L'Université de Paris. Offered annually in France.

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 annually.

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

**GERMAN**

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 applications 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

**German Language and Culture 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

GERM 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 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. Offered every semester.

## GREEK

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.

## HISTORY

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 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 Valley**

*Three Credits LA*

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**

*Three Credits LA*

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 226

### **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 227

### **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 228

### **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 229

### **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 230

### **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 234

### **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 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 248

**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 249

**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 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 Russia: 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 Russia: 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 DeStalinization; 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 285

**The History and Political Culture of Ireland***Three Credits LA*

Dual listed as POSC 285.

See POSC 285 for course description.

HIST 286

**Irish Experience in America***Three Credits LA*

A study of the political, economic and social experience of the Irish in America beginning with PreRevolutionary 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 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 312

**History of the American Presidency***Three Credits LA*

Dual listed as POSC 312

See POSC 312 for course description.

*Prerequisite:* POSC 110 or HIST 226 or HIST 227

HIST 316

**America and the Movies***Three Credits LA*

Dual listed as COMM 316

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 in 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 and One History or One Communications Course.

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.

*Prerequisite:* BUS 102 or HIST 226 or HIST 227

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 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 program (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.

*Prerequisite:* HIST 226 or HIST 227 or permission of instructor

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.

*Prerequisite:* HIST 273 or HIST 274 or permission of instructor

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***Three Credits LA*

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

## INTEGRATIVE MAJOR

### 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. Students work closely with faculty to develop their degree plans.

### INTD 209

#### **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 212

#### **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

#### **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

#### **Capping Experience** *Three Credits LA*

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

## ITALIAN

### ITAL 101-102

#### **Elementary Italian I-II** *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 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:* 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*

Dual listed as FCIT 250

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 Spring 1994

## LEARNING CENTER

### LERN 100

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

This course is designed to enable developmental readers to become more independent by focusing on reading basics with continuous practice and feedback, using material from content courses. Completion of a speed reading program outside of class on the personal computer is also a component of the course. The course meets once a week and is limited to freshmen who place into it. College Reading is recommended as a follow-up. No academic credit is given for this course; however, one equivalent credit is earned.

### LERN 101

#### **Library Research Methods**

*One Credit LA*

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.

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 Credits LA*

This course is designed specifically to meet the needs of the new college student. In addition to discussions and workshops, a model of self-management will be practiced and applied to topics such as motivation, time management, study skills and assertiveness. This course meets once a week for ten weeks and is 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 work. Using college-level reading materials in various genres and disciplines, the student will practice principles of analysis as well as comprehension of content. In addition, a speed reading computer program will be completed by the student outside of class. This course meets once a week.

## LATIN

### 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. Latin 102 may be used to fulfill the Foreign Language option of Core/LS. 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

### 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 or her own pace. Examinations determine whether the student has reached an acceptable level of competency in each area. This course is strongly recommended for some students on the basis of their scores on the Mathematics Placement Test. No academic credit is given for this course. However, three equivalent credits are earned.

### MATH 108

#### **Intermediate Algebra**

*Three Credits LA*

This course provides students the opportunity to develop the skills and understanding that are essential for further study of many areas of mathematics, including calculus and introductory statistics, and related subjects, such as accounting, business and economics. The topics covered include: linear and quadratic functions and their graphs, exponents and radicals, exponential functions, rational algebraic expressions and systems of equations. This course is offered every semester.

**Note:** Intermediate Algebra may not be taken for credit by students who have successfully completed any Mathematics course numbered 115 or higher.

### MATH 110

#### **Excursions in Mathematics I**

*Three Credits LA*

This is a nontraditional mathematics course designed to develop better logical and mathematical thinking in the students who take it.

All sections cover propositional logic and the use of logic in solving word problems. Students are expected to be able to justify their solutions to all problems.

Other topics are chosen from general problem solving techniques, graph theory, classical mathematical problems, the relation of mathematics to other disciplines and recreational mathematics. The choice of topics varies at the discretion of the instructor.

*Prerequisite:* Three years of high school mathematics.

#### MATH 111

##### **Excursions in Mathematics II**

*Three Credits LA*

This course is a sequel to Excursions in Mathematics I. It continues to develop better logical and mathematical thinking in the students who take it. All sections discuss the predicate calculus. Other topics for study are selected from classical or current mathematics.

#### MATH 115

##### **Calculus with Management Applications**

*Three Credits LA*

This course introduces the basic computational tools of calculus, the derivative and the integral, and functional modeling, including linear, quadratic, exponential and logarithmic models. These ideas and techniques are applied to study situations from business and other disciplines. This course is offered every semester.

*Prerequisite:* Three years of high school mathematics or MATH 108 or satisfactory performance on the Mathematics Placement Test.

#### MATH 120

##### **Precalculus**

*Three Credits LA*

Precalculus is an introduction to the basic mathematical skills necessary for the study of calculus. The topics studied include rational expressions, analytic geometry and the elementary properties of functions including exponential, logarithmic and trigonometric functions. This course is intended for students who plan to enroll in MATH 221 but lack the necessary background. This course is offered every semester.

**Note:** This course may not be taken for credit by students who have completed mathematics courses numbered 221 or higher or their equivalents.

*Prerequisite:* Two years of high school algebra or MATH 108.

#### MATH 130

##### **Introductory Statistics I**

*Three Credits LA*

This course introduces the basic ideas and techniques of statistics including: descriptions of sample data, simple probability, the binomial and normal distributions, estimation, hypothesis testing, correlation and regression, and the chi-squared distribution. Use of the computer may be required. This course is offered every semester.

**Note:** This course may not be taken for credit by student's who have completed MATH 330.

*Prerequisite:* Three years of high school mathematics or MATH 108 or satisfactory performance on the Mathematics Placement Test.

#### MATH 131

##### **Introductory Statistics II**

*Three Credits LA*

This course continues the study of correlation and regression and the chi-squared distribution. It also treats experiment design, non-parametric techniques and specialized statistical techniques. Use of the computer may be required. This course is offered upon sufficient student demand.

*Prerequisite:* MATH 130

#### MATH 210

##### **Linear Algebra**

*Three Credits LA*

This course introduces the theory of vector spaces and linear transformations as abstract systems. Matrices, matrix operations and determinants are introduced and they are used to study systems of linear equations, characteristic value problems and various applications. This course is offered annually.

#### MATH 221

##### **Calculus I**

*Three Credits LA*

This course introduces the differential calculus of algebraic and trigonometric functions on the real line. Limits, continuity and the mean value theorem are considered as well as applications including extrema and related rates. Antiderivatives are introduced. This course is offered every semester.

*Prerequisite:* Three years of high school mathematics including trigonometry or MATH 120.

#### MATH 222

##### **Calculus II**

*Three Credits LA*

This course introduces the theory of the integral including the fundamental theorem of calculus, techniques of integration and applications of the definite integral. The classical transcendental functions are also considered. This course is offered every semester.

*Prerequisite:* MATH 221

#### MATH 230

##### **Operational Models**

*Three Credits LA*

This course surveys modern mathematical techniques that have special applicability in business and economics. Among the topics considered are linear programming, including simplex, transportation, and assignment algorithms, queueing theory, simulation and scheduling techniques. Computer use will be required since the

development of mathematical models and the interpretation of results are emphasized. This course is offered every semester.

**Note:** This course may not be taken for credit by students who have completed MATH 430.

*Prerequisite:* MATH 115, MATH 130

#### MATH 240

##### **Problem Seminar I**

One credit LA

This course provides freshmen with an introduction to explicit techniques and strategies for solving mathematical problems. Its focus is on the process of problem-solving rather than on any body of mathematical facts. The level of mathematical knowledge expected is consistent with what a student would know after four years of high school mathematics.

#### MATH 250

##### **Discrete Mathematics I**

Three Credits LA

This course introduces the algebraic concepts, methods and techniques that form the theoretical basis of computer science, including the relevant areas of logic, set theory and the theory of relations, functions and permutations. Offered annually.

*Prerequisite:* Three years of high school mathematics.

#### MATH 251

##### **Discrete Mathematics II**

Three Credits LA

This course continues the development begun in MATH 250. It includes the study of partially ordered sets, lattices and boolean algebras, groups and semigroups, and matrix methods.

*Prerequisite:* MATH 250

#### MATH 320

##### **Calculus III**

Three Credits LA

This course introduces the use of infinite series and it begins the study of multivariable calculus. Topics covered include: power series, vector geometry and higher dimensional analytic geometry, functions of several variables, partial derivatives and directional derivatives. Various applications of these techniques are studied including extrema of functions of several variables. Related topics may be considered. 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 transform methods. Numerical methods for generating approximate solutions and geometric methods for

the qualitative study of dynamical systems are also considered. Offered biennially.

*Prerequisite:* MATH 210 and MATH 320

#### MATH 322

##### **Calculus IV**

Three Credits LA

This course introduces multiple integration and it extends the differential and integral calculus to vector-valued functions. Topics covered include: line and surface integrals, Green's and Stokes' theorems and related topics and their applications. Offered annually.

*Prerequisite:* MATH 320

#### MATH 330

##### **Probability and Statistics**

Three Credits LA

This course is an introduction to probability as a basis for the theory of statistics. The topics covered include sample spaces, conditional probability and independence, discrete and continuous distribution functions, random variables, and joint and marginal probability distributions. Offered annually.

*Prerequisite:* MATH 320

#### MATH 331

##### **Applied Statistics**

Three Credits LA

This course considers the 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 340

##### **Problem Seminar II**

One credit LA

This course provides juniors and seniors with a second, more sophisticated look at the problem-solving process. Problems whose solution requires knowledge of undergraduate mathematics will be considered, and more emphasis will be placed on proofs.

#### MATH 393-394

##### **Special Topics in Mathematics I-II**

Three Credits each LA

The special topics courses are of two types. One type allows a student to pursue an independent study program under the direction of a faculty member. In this case, the student must find a faculty member who is willing to supervise the project, and together they must prepare an outline of the proposed course of study. The topics involved must not be covered by any of the catalogued courses of the discipline.

The second type of special topics course is a regularly scheduled class whose subject matter is not covered by

any of the catalogued courses of the discipline. The specific content is described when the course is listed in the schedule of classes.

*Prerequisite:* Permission of the Divisional Chairperson

#### MATH 395

##### **Math Internship**

*One Credit*

Each student will participate in an approved and supervised service activity which makes direct and substantial use of the student's mathematical expertise. Examples include tutoring in the Math lab and conducting review sessions for the Learning Center.

#### MATH 410

##### **Abstract Algebra I**

*Three Credits LA*

This course concentrates on group theory, including the fundamental homomorphism theorems and the Sylow theorems. There is also an introduction to rings, fields, and some elementary number theory. Offered annually.

*Prerequisite:* MATH 210

#### MATH 411

##### **Abstract Algebra II**

*Three Credits LA*

A continuation of Math 410, this course concentrates on aspects of the theory of rings, fields and modules. Closely related topics in number theory, Galois theory, or graph theory may also be covered. Offered biennially.

*Prerequisite:* Math 410

#### MATH 412

##### **Computational Algebra**

*Three Credits LA*

This course explores some of the computational aspects of linear algebra. It considers both the theoretical and applied mathematical aspects of algorithms and provides the student with opportunities for further development of programming skills. Offered upon sufficient student demand.

*Prerequisite:* MATH 210, CSIS 121

#### MATH 420

##### **Mathematical Analysis I**

*Three Credits LA*

This course undertakes a rigorous study of the topology of real numbers and more general spaces, taking a unified approach to 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*

This course undertakes a rigorous study of the inverse

and implicit function theorems, the Riemann integral and the fundamental theorem of calculus, the 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 biennially.

*Prerequisite:* MATH 420

#### MATH 422-423

##### **Applied Mathematics**

*Three Credits LA*

These courses consider selected applied topics from at least four of the following areas: Ordinary and partial differential equations, matrices, complex variables, Fourier series, Laplace transforms, the algebra and calculus of vectors, and numerical methods. Offered upon sufficient student demand.

*Prerequisites:* MATH 210, 320

#### MATH 424

##### **Complex Variables**

*Three Credits LA*

This course investigates the theory of functions of a single complex variable, considering continuity, differentiability, the Cauchy-Riemann equations, analytic functions, complex integration, Cauchy's theorem, Taylor's theorem, Taylor and Laurent series, residue theory, conformal mapping, and harmonic functions. Offered biennially.

*Prerequisite:* MATH 320

#### MATH 430

##### **Operations Research**

*Three Credits LA*

This course introduces the basic ideas and methods of operations research, considering topics selected from linear programming and the simplex method, transportation problems, sensitivity analysis, graphs and networks, CPM, PERT, dynamic programming, game theory, Markov chains, queuing, birth and death processes, inventory theory, simulation, and computer considerations. Offered biennially.

*Prerequisite:* MATH 210

#### MATH 440

##### **Numerical Analysis**

*Three Credits LA*

This course studies the design and implementation of numerical algorithms for computing devices, considering number systems and error analyses, nonlinear equations, systems of linear equations, matrix operations including inversion and eigenvalue problems, interpolation, differentiation and integration, ordinary differential equations, and difference methods for some partial differential equations. Offered biennially.

*Prerequisite:* MATH 320; and proficiency in a programming language.

**MATH 441****Advanced Discrete Structures***Three Credits LA*

This course provides an introduction to discrete mathematical structures and related computational problems. Topics are selected from the representation of integers, sets, subsets, gray codes, chromatic polynomials, finite groups, graphs, trees, networks, grammars, linguistics, coding theory, recursion, finite machines, and universal algebras. Offered upon sufficient student demand.

*Prerequisite:* MATH 210**MATH 450****Fundamental Concepts of Geometry***Three Credits LA*

This course provides an introduction to the concepts of geometry, with an emphasis on the relationship between algebra and geometry. Euclidean plane geometry is studied in terms of various transformations and their groups. This is followed by a systematic treatment of affine and projective spaces over fields and a brief survey of other geometries. Offered biennially.

*Prerequisite:* MATH 210, 320**MATH 451****Elementary Topology***Three Credits LA*

This course introduces the basic concepts of point set topology, beginning with the notions of metric and topological spaces and the definitions of a continuous function and a homeomorphism. Subspace, product, and quotient topologies are introduced, and the fundamental topological features of connectedness, compactness, and the Hausdorff separation property are studied. Additional topics in point-set, geometric, or algebraic topology may be included according to the interests of the instructor and the class. Offered upon sufficient student demand.

*Corequisite:* MATH 410 or 420**MATH 452****Foundations of Mathematics***Three Credits LA*

This course considers mathematical systems, mathematical logic and proof, the real number system, and topics in the philosophy of mathematics. Offered upon sufficient student demand.

*Prerequisite:* MATH 210, 320, or permission of the instructor.**MATH 470-471****Advanced Topics in Mathematics I-II***Three Credits LA*

These courses are designed for upper-level mathematics students. The course format is flexible and will be

chosen to respond to the needs of the students participating and the nature of the subject being studied. The topics considered must have upper-level prerequisites, but may otherwise be chosen to satisfy student and faculty interests. Offered upon sufficient student demand.

*Prerequisite:* Permission of instructor**MATH 477****Capping Course***Three Credits LA*

This semester course helps students to unify and integrate their mathematical education and to place it in a broader context of scientific, philosophical and social issues. Each student selects a topic, makes two presentations to the seminar, and prepares a major paper. When appropriate, there may be presentations by faculty and outside speakers, but the focus will be on student activity. Topics for consideration will be chosen from the areas of philosophy, foundations, history, and applications. Offered annually.

*Prerequisite:* Senior standing or permission of the instructor.**MEDICAL TECHNOLOGY****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. Site visits to hospital laboratories are included. Offered every Fall. *Three-hour lecture, three-hour lab per week.*

*Prerequisite:* BIOL 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:* BIOL 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 physi-

ological processes in health and disease states. Offered every Spring.

*Three-hour lecture, three-hour lab per week.*

*Prerequisite:* BIOL 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 components 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:* BIOL 110-111, 112-113, CHEM 111-112, 113-114

#### MEDT 340

##### **Clinical Immunology/Immunohematology I**

*Four 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 *in vivo* antigen-antibody reactions and hemolytic disease of the newborn.

Offered every Spring.

*Three-hour lecture, three-hour lab per week.*

*Prerequisite:* BIOL 110-111, 112-113, CHEM 111-112, 113-114

*Recommended:* BIOL 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:* BIOL 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**

*Four 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/Immunohematology II**

*Four Credits*

Advanced study of immunology and immunohematology. Supervised hospital and classroom instruction in testing for antigen-antibody reactions resulting from blood group and tissue incompatibility and infectious disease; review of blood processing, 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

### 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/her 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 guest artists. Student presentations and written critiques will be strongly encouraged. Offered when there is sufficient student interest.

*No Prerequisites.***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 340****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 342****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 343****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.

**MUS 441****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.

**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 Credit each semester*

MARIST COLLEGE SINGERS is an organization to which every member brings special talent. The blending of these gifts with hard work results in individual growth along with group distinction in artistic expression. This group sings with other college choral groups away and at home, for campus events and community celebrations, and takes a choral tour in USA and abroad—alternating years. Rehearsals and performances are required for earned credit—1 credit per semester not to exceed 8 credits for four years, credit optional.

MARIST WOMEN'S CHORALE affords the students a chance to perform in small ensembles utilizing unique repertoire. This group also participates in Collegiate Festivals and Competitions, and sings with various Men's College Glee Clubs. One credit optional. Practices two hours per week.

LES CHANSONNIERS is a select chamber group of 16-24 voices. The members of this choral group are admitted by *audition only*. One credit optional. Practices one and a half hours per week—occasionally an extra hour of rehearsal is scheduled in preparation for special concerts.

**Note:** The maximum number of Choral Singing and Choral Activity credits that can be earned in four years is 16. No student can earn 1 credit for Choral Activity while he is taking Choral Singing I, II, III, or IV.

MUS 391-392-393

**Special Topics in Music I-II-III**

*One-Three Credits LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every year.

*Prerequisite:* Permission of Divisional Chairperson.

## PARALEGAL

PRLG 101

**Introduction to Law**

*Three Credits LA*

Dual Listed as POSC 102

Introduction to Law is an introduction to the study of the law and the legal system. The course introduces students to the methodology of legal studies, to an overview of major areas of law, and to the functions of the paralegal in each area, as well as to the ethical and professional responsibilities attendant to the field. Students are prepared to continue the subject specific courses with sufficient background and foundation to make them meaningful. 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 201

**The Constitution and the Bill of Rights**

*Three Credits LA*

Dual listed as POSC 201

This course examines current constitutional issues as they relate to the Bill of Rights, including privacy, censorship, freedom of religion, fairness in the criminal justice system and affirmative action. Offered biennially.

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*

Introduction to Legal Research and Writing teaches students how to use the tools found in a law library to solve legal problems, and how to write a memorandum of law based on these tools. All primary sources of law and all significant secondary sources of law are studied, and the students are trained on the use of WESTLAW computerized legal research. Both federal and state materials are used extensively in this course. Offered annually.

*Corequisite:* PRLG 101.

PRLG 311

**Family Law**

*Three Credits LA*

Family law trains students in the law relating to marriage, dissolution of marriage, property distribution, and children. The theory and practice of family law, including the drafting, modification and enforcement of divorce decrees, separation agreements, and prenuptial agreements are fully covered. The financial consequences, including the tax consequences, of marriage and the dissolution of marriage are evaluated. Offered annually.

*Corequisite:* PRLG 101.

PRLG 312

**Criminal Law**

*Three Credits LA*

Criminal Law analyzes the substantive and procedural aspects of criminal law. Students study the preparation of criminal cases for trial, the prosecutorial function, probation, bail, sentencing, investigation and interviewing in criminal cases, and the Constitutional limitations on criminal law. Offered annually.

*Corequisite:* PRLG 101

PRLG 313

**Real Property and Title Search**

*Three Credits*

Real Property and Title Search is a comprehensive analysis of real property ownership, title searching, and conveyance. The course includes a substantive and

theoretical analysis of all documents associated with real property transactions, as well as a detailed study of the processes required to transfer real property. Offered annually.

*Corequisite:* PRLG 101

PRLG 315

**Administrative Law**

*Three Credits*

This course is designed to acquaint the student with procedures and practices of administrative judicial process, including all aspects of mediation and adjudication before federal and state agencies, review boards, and other governmental administrative, rather than judicial hearings. Offered at least biennially.

*Corequisite:* PRLG 101

PRLG 221

**Law and Society**

*Three Credits LA*

Dual listed as CRJU 221 and POSC 221

See CRJU 221 for course description.

PRLG 380

**Business Law I**

*Three Credits*

Dual listed as BUS 380

See BUS 380 for course description.

PRLG 381

**Business Law II**

*Three Credits*

Dual listed as BUS 381

See BUS 381 for course description.

PRLG 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*

Wills, Trusts, Estates introduces the students to the law applicable to property and its conveyance under descent by will, and by trust. The drafting of a will, the administration of an estate, the establishment and maintenance of trusts, and the tax principles of estate planning and administration are studied. Offered annually.

*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*

Civil Litigation and Practice reviews the theory and application of procedures in civil litigation in both State and Federal courts. Trial strategies, rules of evidence, pleadings, trial preparation, Jury selection, settlements and investigation are reviewed. Offered annually.

*Corequisite:* PRLG 101

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

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 semester.

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 preSocratics 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 300**

**Ethics**

*Three Credits LA*

This course, as an ethical reflection, examines the validity of our normative world. It involves the clarification of the presuppositions and assumptions that constitute such a world. This clarification will have two dimensions: a retrospective analysis of the ethical self-understanding present in our Judeo-Christian and secular humanistic (e.g. Platonic, Kantian, Utilitarian) traditions and a prospective assessment of the new ethical demands prompted by our scientific/technological culture (e.g. ecology, biotechnology, ethnicity, global awareness, etc.).

**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

**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 105**

**Beginning Classical Ballet**

*One Credit*

A beginning classical ballet class including basic ballet technique and vocabulary, proper body alignment, basic stage and performing skills, barre work, center barre, traveling, and turning and jumping combinations moved to classical music. The most difficult and most disciplined dance course.

**PHED 106**

**Introduction to Dance**

*One Credit*

A dance fundamentals course structured to award the non-dancer body awareness, enhance an athlete's performance, and allow the student to approach more advanced courses with confidence. This dance class sampler will explore at the most beginning level, basic dance stretches, strengthening movements, jumping and balance techniques used in both modern dance and ballet disciplines. The most basic of the dance courses.

**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 carryover 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 146****Karate I***One Credit*

Self-defense course in the Art of Okinawan Karate. Student will learn blocks and attacks to major target areas. *(Pending Approval Notification)*

**PHED 147****Yoga***One Credit*

A survey of principles and practices of Hatha Yoga for beginners. The class will consist of warm-up and stretching exercises designed to relax and lengthen muscles. Each lesson will include postures and asanas in conjunction with natural breathing. The group will start with basic postures and progress to the advanced and more complex activities. *(Pending Approval Notification)*

**PHED 148****Springboard Diving***One Credit*

This course will teach the fundamentals of springboard diving. The student will receive instruction covering the five required dives and will also learn how to judge and calculate diving competition. *(Pending Approval Notification)*

**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 201****Karate II***One Credit*

Designed for students who have completed Karate I. Further emphasis on 2 person exercises and KATA application. Introduction of open handed blocks and throwing techniques. *(Pending Approval Notification)*

**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

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 193

**Physics of Modern Technology**

*Three Credits LA*

This course is a tour of Physics. Its purpose is to expose the student to the history of physics starting with the Greeks up to today. This is done by selecting the major contributions of scientists through the years and describing these in layman's terms and showing how they contributed to the evolution of physics. The second part of the semester is used to study the physics of nuclear radiation and power. This is followed by an in depth presentation on the physics of modern hi-tech medical technology including MRI, X-rays, CAT Scans, Positron Emission Tomography, Laser Surgery and others. No previous education in physics or math is required. (*Pending Approval Notification*)

PHYS 211

**General Physics I**

*Three Credits LA*

A study based on calculus and vector algebra of classical mechanics and sound. 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**

POSC 101

**Introduction to Politics**

*Three Credits LA*

The fundamental questions and methods of political inquiry; a study of politics; nature of political process; political structures and functions; concepts of political stability and order; and recurring issues of politics. Offered every semester.

POSC 102

**Introduction to Law**

*Three Credits LA*

Dual listed as PRLG 101

See PRLG 101 for course description.

POSC 105

**Origins of the American Legal System**

*Three Credits LA*

Dual listed as PRLG 105

See PRLG 105 for course description.

POSC 110

**American National Government**

*Three Credits LA*

A study of the American political system, analysis of the institutions of the national government and of the American political process. Political behavior and selected issue areas will also be studied. Offered annually.

POSC 201

**The Constitution and the Bill of Rights**

*Three Credits LA*

Dual listed as PRLG 201

This course examines current constitutional issues as they relate to the Bill of Rights, including privacy, censorship, freedom of religion, fairness in the criminal justice system and affirmative action. Offered biennially.

POSC 202

**Political Process & Environment**

*Three Credits LA*

Dual listed as ENSC 202.

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

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 biennially.

*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 transgressions. 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***Three Credits LA*

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 (Classical)***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 (Modern)***Three Credits LA*

A study of selected political theorists and theories of the period from the 17th century to the beginnings of the 20th century. Included among those studied are Hobbes, Locke, Rousseau, Burke and Marx as well as American Political thinkers. 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 policy formulation and implementation. Offered biennially.

*Prerequisite:* POSC 110 is recommended.

## POSC 243

**Political Thought III (Contemporary Ideologies)***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, Liberation Theology 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: CIS and Eastern Europe***Three Credits LA*

Analysis of the European Communist model in comparative political systems, with primary emphasis on the CIS and selected Eastern European nations. Inquiry into the relationship between ideology and experience in political culture. Offered biennially.

*Prerequisite:* POSC 101

## POSC 260

**African Politics***Three Credits LA*

The primary focus of this course is on the dynamics of societies in transition in sub-Saharan Africa. It will trace the evolution of these African societies, not only from colonial dependency to independence but also from traditional, tribal units to modern nation-states. The course will critically examine some of the major problems of the developing countries, concentrating on the difficulties in creating viable and stable governments in Africa. It also attempts to analyze the prospects for economic development and democracy in contemporary Africa. Some countries will be selected for special attention. 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**POSC 285****The History and Political Culture of Ireland***Three Credits LA*

Dual listed as HIST 285

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 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 338****Political Communication and Politics***Three Credits LA*

Focusing on the US and beyond, this course explores the many forms of political communication—including the media—by which citizens become informed and in turn shape the electoral process, legislation and public policy. Offered biennially.

*Prerequisite:* POSC 101**POSC 339****Public Opinion and Politics***Three Credits LA*

From a theoretical perspective, but also by providing students with involvement in actual polling projects, this course examines the issues and methodologies, as well as the use and abuse, of public opinion measurement for research and other purposes. Offered biennially.

*Prerequisite:* POSC 101 or permission of instructor.**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 346****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 biennially.

*Prerequisite:* POSC 101, sophomore class status or above**POSC 350****Comparative Politics in Latin America***Three Credits LA*

Focusing on the key components in Latin American political systems, the course analyzes various aspects of politics, including functional elites, the military, the middle class, labor, peasant movements and the church. Comparative political opposition, and political adaptation and integration. Offered triennially.

*Prerequisite:* POSC 101**POSC 353****Comparative Politics of Developing Areas***Three Credits LA*

An overview of the politics and problems of the Third

World; development, neocolonialism, dependency theory, and center-periphery. Offered biennially.

*Prerequisite:* POSC 101

Recommended: Non-western history course and macroeconomics; Priority to Juniors and Seniors

POSC 355

### **Comparative Political Systems III: Middle East**

*Three Credits LA*

This course examines the political systems of the Middle East, including the emergence of the modern state, including the political systems of Egypt, Israel, Jordan, Lebanon and Syria. Also studied is the Arab-Israeli conflict in present perspective. Offered biennially.

*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 392-393

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

*Three Credits LA*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

*Prerequisite:* Permission of Coordinator

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 coordinator

POSC 420

### **Environmental Planning**

*Three Credits LA*

Dual listed as ENSC 420

This course will cover the constitutional principles, values, and socio-economic impacts affecting planning; basic planning, land-use, and development practices such as environmental impact statements, master plans, citizen participation; and issues facing environmentally sound planning today.

*Prerequisites:* ENSC 101, POSC 240, or permission of the instructor.

POSC 450-457

### **Washington Semester: Internship**

A cooperative program with American University allows a full semester of internship and study in Washington, D.C. Liberal arts credits are awarded for POSC 451-457, each course earning 4 credits. POSC 450 awards 4 non-Liberal Arts credits. Specific course descriptions covering U.S. Government, U.S. Foreign Policy and U.S. Economy may be obtained from the Political Science Internship Coordinator. Admission to the program is competitive.

POSC 458-463

### **New York State Legislative Internship**

A full semester of internship and study with the N.Y. State Legislature in Albany, N.Y. Liberal Arts credits are awarded for POSC 459, 460, 462, and 463, each course earning 3 credits. POSC 458 and 461 each award 9 non-Liberal Arts credits. Specific course descriptions may be obtained from the Political Science Internship Coordinator. Admission to the program is competitive.

POSC 477

### **Capping Course**

*Three Credits LA*

The capping course required for all Senior Political Science majors seeks to integrate major field studies with elements of the student's Core/Liberal studies experience. Usually offered as "Law and Morality".

## **PSYCHOLOGY**

PSYC 101

### **Introductory Psychology**

*Three Credits LA*

A fundamental treatment of the basic research findings 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, assessment, psychopathology, sensation, perception, and psychological therapies. Offered every semester.

## PSYC 150

**Applied Psychology: Multimodal Self-Management**  
*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.

## 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.

*Prerequisite:* PSYC 101

## PSYC 202

**Abnormal Psychology**  
*Three Credits LA*

A study of mild and serious behavioral, psychological and psychiatric disorders. The causes of these problems are approached from a developmental viewpoint with a focus on treatments including various psychotherapies, behavior modification, and the range of psychiatric medication. Offered Fall and 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 assumptions underlying each theory. Offered Fall and Spring.

*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. Students will observe and record children's behavior as well as participate in the instruction of children in 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****Statistics and Computer Use for the Behavioral Sciences I***Three Credits LA*

Part I: 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.

**PSYC 276****Statistics and Computer Use for the Behavioral Sciences II***Three Credits LA*

Part II: Introduces advanced inferential statistics, complex non-parametric analysis and application of SPSS, a statistical package. 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 sophisticated data analysis.

*Prerequisite:* PSYC 101 or SOC 101 or CRJU 101, CMSC 103, MATH 130.**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.

*Prerequisite:* PSYC 101**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*

This course will introduce the student to the nature of counseling and the role of the counselor as a helping professional. The student will become acquainted with interviewing and counseling skills for use in both professional and paraprofessional settings. In addition, they will be exposed to a number of theoretical approaches to counseling such as Rogerian, Adlerian, and cognitive as well as others. Ethical and professional issues related to the counseling field will be addressed.

*Prerequisite:* PSYC 101 and 201 or 203 or permission of instructor**PSYC 342****Learning and Cognition***Three Credits LA*

A survey of traditional and current theories and research in perception, attention, learning, memory, language,

problem solving, concept formation, reasoning, and decision making. Emphasis on human learning and cognition with some time spent on animal learning and conditioning.

*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 considered in the context of alternative answers to one question: What does society want from its convicts? That is, once a person has been caught and is serving a sentence, what goals would society like him to set for himself and what psychological obstacles stand in the way of him doing what society wants him to do? For example, it is stressed that a person's thoughts, beliefs, and attitudes are vital to defining his or her world. Consequently, a demand for rehabilitation may constitute requiring a convict to redefine his phenomenological world. The grounds on which such a demand is reasonable and legitimate are considered.

*Prerequisites:* PSYC 101 or CRJU 102

*Corequisites:* Junior Status

#### PSYC 355

##### **Intrinsic Motivation and Self-Esteem** *Three Credits LA*

Focuses on an 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 with special emphasis on the relationship between intrinsic motivation and self-esteem.

*Prerequisite:* PSYC 101, PSYC 356

#### 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 EDUC 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 examined. Students will also consider the current social and ethical implications involved in assessment.

*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 and adolescents. 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. 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 nonschool 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, 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 385

##### **Industrial Psychology**

*Three Credits LA*

This course is an introduction to the many areas of interest to the industrial psychologist. Students will learn how various theories in psychology have been applied to solving problems such as worker motivation, leadership, group interaction, and testing and research in the workplace. Students will analyze these problems from many different perspectives in order to understand how psychological theory can be used to improve individual and organizational functions.

*Prerequisite:* PSYC 101

#### 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 reviews the principles of test construction, administration, scoring, and interpretation of both group and individual tests; studies the major theories and techniques of intelligence, aptitude, and proficiency testing; surveys interest and personality tests; and an overview of behavior assessment. Offered every semester

*Prerequisite:* PSYC 101, 276, MATH 130 and CMSC 103

#### 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, 276; MATH 130 and CMSC 103

##### *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. Examines quasi-experimental designs, survey research, observation, small-n designs, psychophysics, and phenomenological methods. Offered every Spring.

*Prerequisite:* PSYC 101, 402, 276; MATH 130 and CMSC 103

#### 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 semester.

*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 psychology 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

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 207

**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 208

**The Bible**

*Three Credits LA*

This course is designed as an introduction to the Bible. The Bible has been, and in many ways continues to be, the foundation of Western culture. Becoming acquainted with the various methods of reading the Bible will not only encourage critical thinking of the world of the Biblical text but will also explicate commonly accepted understandings of contemporary Western culture and of the self. Offered annually.

REST 209

**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 214

**Religion in Film and Literature**

*Three Credits LA*

Dual listed as ENG 214

See ENG 214 for course description. 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, nonproselytizing 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 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**

## 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 year.

## 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 year.

*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 year.

*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

**Russia Today**

*Three Credits LA*

Dual listed as FCUR 223

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 various ethnic groups and national cultures. At least forty percent of the content is covered through use of multimedia 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 Coordinator

RUSS 477

**Capping Course**

*Three Credits LA*

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.

## SOCIOLOGY

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*

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 are examined. Other topics explored: welfare, drug abuse, property, cultural identity, gangs, health and housing. Offered every year.

*Prerequisite:* SOC 101

SOC 336

**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. Offered every year.

*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**

SOCW 230

**Introduction to Social Work***Three Credits LA*

Introduction to Social Work is intended as a foundation for students with 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 350

##### **Alcoholism and the Family**

*Three Credits LA*

A study of the nature of alcoholism and its affect upon individuals and dynamic family systems. The physiological, psychological and social impact of alcohol on specific groups especially women, children and adolescents will be addressed. Issues of the adult child of the alcoholic will also be discussed. Students will develop assessment skills to identify alcoholics and their families within the social service population.

*Prerequisite:* SOC 101 or SOCW 230 or permission of the instructor

#### 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 Diverse Groups**

*Three Credits LA*

This course is designed to heighten the student's knowledge, awareness and tolerance of differences among people, as well as raising consciousness and sensitivity to the kinds of problems in which these differences result. Racial minorities as well as under-valued groups will be studied in the context of language, poverty, powerlessness, racism and sexism. Frameworks for social work practice will focus on how social workers can be equipped to improve the status of minorities and under-valued groups. 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 478

##### **Senior Integrative Seminar II**

*Three Credits LA*

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

### 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. For students who have very little or no study of Spanish. 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*

Dual listed as FCSP 150

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*

Dual listed as FCSP 152

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*

Dual listed as FCSP 153

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*

Dual listed as FCSP 154

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 cultural knowledge of the language. Offered every year.

*Prerequisite:* SPAN 106 or sufficient background in Spanish

### SPAN 210-211

#### **Spanish for Hispanics I-II**

*Three credits each LA*

Intensive training in the reading and writing of Spanish designed for students who have acquired the language in a home or community environment. Special attention will also be given to develop oral proficiency in standard Spanish. No prior formal study of Spanish is needed to take these courses. They are required for bilingual Hispanic students who wish to complete a major/minor in Spanish. A waiver will be granted to Hispanic students who have a solid Spanish language background. Offered every two years or when there is sufficient student interest.

### 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*

Dual listed as FCSP 250

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*

Dual listed as FCSP 260

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 Coordinator

**SPAN 394-395-396**

**Internship in Spanish**

*One-Two-Three Credits*

Qualifying students engage in work experience with various companies or agencies. Work performed, assigned readings and a seminar project for three or more credits constitute the basis of the experience. Number of credits is determined beforehand by mutual consent. The internship should generally complement the student's minor. Offered every semester, intersession and summer.

*Prerequisite:* SPAN 410, 250, 260; permission of 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 Quixote. 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***Three Credits LA*

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*

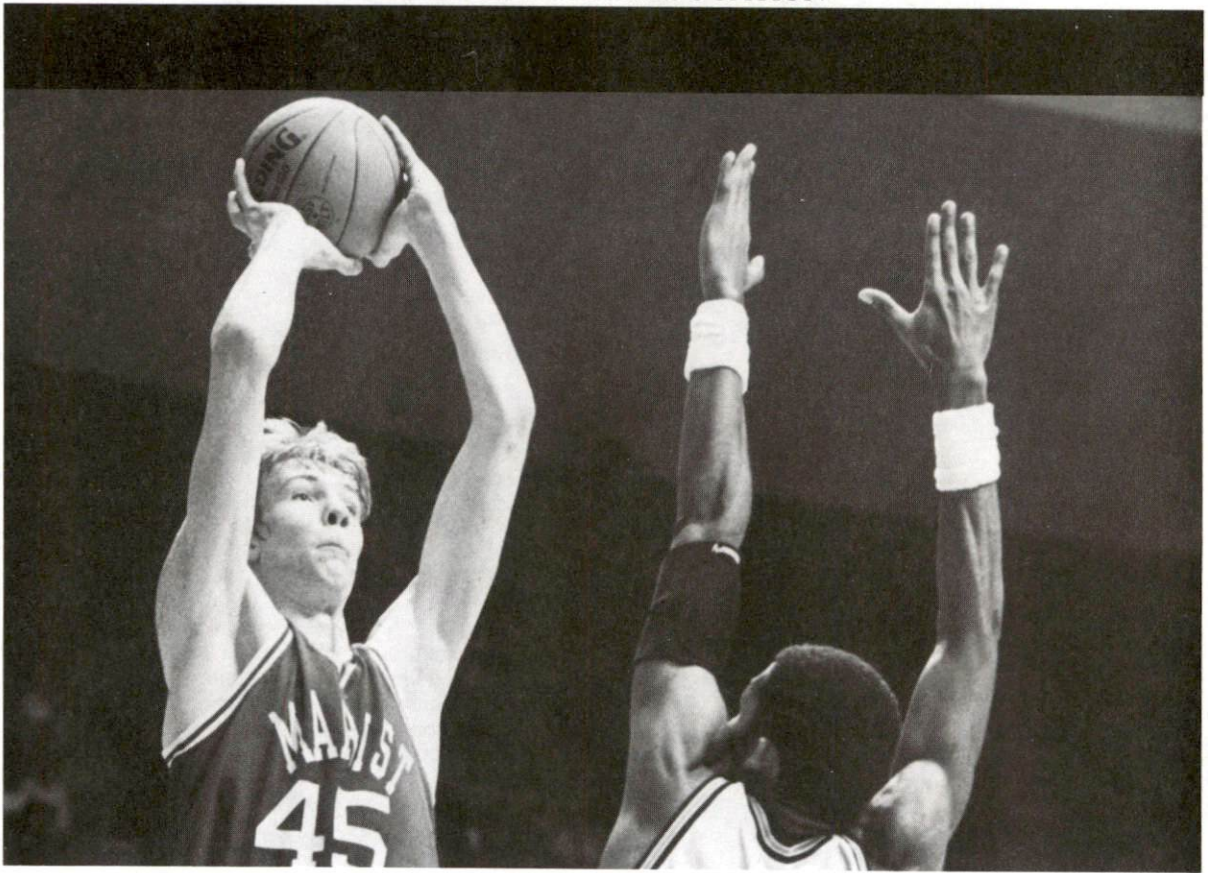
Intensive study of one movement, author or literary characteristic. Offered when there is sufficient student interest.

*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.



# FINANCING YOUR EDUCATION

## STATEMENT OF FEES

(These are 1993-94-fees. Subject to change in 1994-95.)

### TUITION

*Full Time Semester* .....\$5126.00

(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* .....\$293.00

(Per credit cost for students taking less than 12 credits, or for each credit taken over 16 credits.)

### CAMPUS RESIDENCE RATES (per semester)

Benoit	
Champagnat	
Gregory	
Leo	
Marian	
Sheahan	.....\$TBA
New Town Houses	.....\$TBA
Canterbury Gardens	.....\$TBA
Gartland Commons	
Townhouses	.....\$TBA

## BOARD PLANS

Board Plan levels vary according to the number of meals offered per week. All students residing in Champagnat, Leo, Marian, Sheahan, Benoit and Gregory residence halls **must** participate in a meal plan.

Plan A 19 meals/week .....	\$1125.00
Plan B 14 meals/week+\$75 Thrifty Cash/sem. ..	\$TBA
Plan C 10 meals/week+\$150 Thrifty Cash/sem ..	\$TBA
Plan D 14 meals/week .....	\$TBA
Plan E 10 meals/week+\$75 Trifty Cash/sem .....	\$TBA
Plan F 10 meals/week .....	\$TBA
Plan G 5 meals/week .....	\$TBA

All changes in Board Plans must be requested in writing prior to the end of the third week of the semester.

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

### Fall '93 Semester

Oct. 22-Oct. 24, 1993—Fall Recess Weekend  
Nov. 25-Nov. 28, 1993—Thanksgiving Weekend

### Spring '94 Semester

March 12-March 20, 1994—Spring Recess  
March 31-April 3, 1994—Easter Weekend

**NOTE: Extra room and board charges will be assessed during Christmas, Mid-semester break, Spring recess and summer vacation period.**

### 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 nonrefundable.

### Room Reservation Deposit for all returning students (nonrefundable) .....\$200.00

Due on or before April 1 for the following academic year. 100% refund of deposit if withdrawal notification for the following Fall semester is received in the Housing Office prior to July 1st.  
50% refund of deposit if withdrawal notification for the following Fall semester is received in the Housing Office prior to August 1st.  
100% refund of deposit if withdrawal notification for the following Spring semester is received in the Housing Office prior to November 1st.

### Residence Hall Security Deposit .....\$70.00

Payable each Fall and Spring semester prior to the first day of class or upon return from off-campus status. Applicable to all residence hall damages, unreturned key fees and past due telephone costs. The balance is credited to the student's financial account at the end of each semester. The credit will be carried forward to reduce past due balances or it will be carried forward to reduce the following semesters residence hall charges.

### Room Key Fee .....\$50.00

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 (Nonrefundable) .....\$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 (Nonrefundable) .....\$25.00

This fee is payable immediately upon the student's acceptance and registration for a degree program.

### Application Fee (Nonrefundable) .....\$30.00

**Reacceptance Deposit (Nonrefundable)** .....\$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 (Nonrefundable)** .....\$20.00  
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** .....\$75.00  
Payable each semester. Refundable according to Tuition Policy.

**Activities Fee, Part-time student** .....\$25.00  
Payable each semester. Refundable according to Tuition Policy.

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

**Degree Fee** .....\$50.00  
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.

**Deferred Examination and Re-examination Fee** .....\$ 10.00

**Financial Aid Transcript Fee** ..... Free

**Lost I.D. Fee** .....\$ 25.00  
Payable when a replacement is requested by a student.

**Transcript Fee** .....\$ 3.00  
Payable at the time of request.

**Returned Check Fee** .....\$ 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.

**Laboratory Deposits** .....\$ 15.00  
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 Office of Student Accounts in the form of a Promissory Note. Contact the Office of Student Accounts for details. Tuition and Fees on the deferred payment plan are payable according to the following schedule:

### Fall Semester

August 11 (1/2 Tuition and Fees, together with an approved Promissory Note due at Office of Student Accounts)

\*October 14  
(Balance of bill due)

### Spring Semester

January 7  
(1/2 Tuition and Fees, together with an approved Promissory Note due at Office of Student Accounts)

\*March 7  
(Balance of bill due)

\*A service charge of 2% of any unpaid balance will be added to all accounts on October 15 (Fall) and March 8 (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 Office of Student Accounts of Marist College.

#### Knight Tuition Payment Plans

855 Boylston Street, Boston, Mass. 02116-2611  
800-225-6783

#### The Tuition Plan, Inc.

Concord, New Hampshire 03301  
800-343-0911

#### Academic Management Services

P.O. Box 4506, East Providence, RI 02914-0506  
800-635-0120

### FINANCIAL ASSISTANCE

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

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

Requests for complete statement or charges and receipt of payments should be made in writing to the Office of Student Accounts 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 withdrawal and refund policies are as follows:

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

Disbursement of funds must be requested through the Office of Student Accounts. Disbursements, if due, will be made within four weeks after the date on which the student's period of enrollment ends.

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.

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.

### NEW STUDENT WITHDRAWING

	Tuition	Fees	Room Charge	Board
1st Week	100%	100%*	\$250.00	pro-rated
2nd Week	50%	50%*	250.00	pro-rated
3rd Week	50%	50%*	250.00	pro-rated
4th Week	0%	0%	0.00	pro-rated

### RETURNING STUDENT WITHDRAWING

	Tuition	Fees	Room Charge	Board
1st Week	100%	100%*	\$50.00**	pro-rated
2nd Week	50%	50%*	50%	pro-rated
3rd Week	50%	50%*	50%	pro-rated
4th Week	0%	0%	0%	pro-rated

\*Registration fee is non-refundable.

\*\*Room reservation of \$200 will be forfeited.

(See Academic Calendar for specific dates concerning these refunds.)

For any withdrawal from the dormitories after the beginning of the fourth week, no refund will be allowed. (Refer to the academic calendar for specific dates; i.e. tuition refund, etc.)

### STUDENT REFUND POLICY FOR FIRST TIME TITLE IV RECIPIENTS

This refund policy will be effective as of July 23, 1992 as per the U.S. Department of Higher Education Amendments of 1992. This refund policy will apply to students who are in attendance for the first time at the College and who receive assistance under Title IV funding and/or to the parents who receive the Federal Parent Plus loans for their children. Title IV funding includes the following programs: Federal Stafford Loan Program, Federal Pell Grant Program, Federal Work-Study Program, Federal SEOG Program and the Federal Perkins Loan Program. This policy begins the first day of classes and is effective for up to 60% of the period of enrollment of the semester in attendance which constitutes nine weeks of our fifteen week semester. The charges assessed will include tuition, fees, room and board and other charges where applicable. Refunds back to the Title IV programs will be assessed by the last date of attendance in a class. See the Office of Student Accounts for the appropriate refund schedule.

### 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

Marist College is concerned that all qualified students have access to a Marist education. Each year, to supplement Federal and State financial aid, Marist awards more than \$5 million of its own funds to assist students with financing their education. Overall, almost 75% of the student body receives some form of financial assistance. In addition to need-based grants, Marist awards scholarships to high-achieving students and candidates with exceptional leadership qualities, regardless of need.

### 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 is the primary instrument 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 \$500)
- transportation (estimated at \$300)
- personal expenses (estimated at \$600)

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 \$1863 for the year, \$580 transportation, and \$525 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. 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: Federal 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 student's additional financial need. Reconsiderations will be met depending upon availability of funds.

## APPLICATION PROCEDURES

1. All incoming and returning students must complete the Financial Aid Form (FAF) and send it to the College Scholarship Service (CSS), P.O. Box 6344, 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.
2. In addition to the FAF, returning students must also submit a Marist College application for Financial Aid, a signed photostatic copy of their 1992 tax return and a signed photostatic copy of their parent(s) 1992 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 1992 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 or Student Aid Report. Intentionally filed false statements or materials may subject the filer to a fine or imprisonment, or both, under the provisions of the U.S. Criminal Code.
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 noncollege 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 a matriculated full-time (at least 12 credits) student and a New York State resident, a U.S. citizen or permanent, resident alien. In addition, the student must meet the TAP mandated college requirements for determining program pursuit and satisfactory academic progress.

To be pursuing one's program satisfactorily, a student who is in his/her first year of receiving a TAP award must receive a passing or failing grade in at least one-half of the minimum full-time course load; a student who is in his/her second year as a TAP recipient must receive a passing or failing grade in at least three-fourths of a minimum full-time course load; in his/her third and fourth years, a student must receive a passing or failing grade in all of the courses constituting the minimum course load.

Making satisfactory progress requires that a student achieve a satisfactory cumulative index and accumulate credits at a steady rate. The minimum progress expected is given in chart form and has been approved by the New York State Higher Education Services Corporation. These progress requirements may be obtained by contacting the TAP certifying officer in the Registrar's office. However, it is important for students to understand that these criteria only determine student eligibility for a TAP award; they are not the general criteria for academic achievement at Marist College. A student conceivably may meet these standards for a TAP award and yet not meet the academic standards of Marist College for continuation as a student.

1. An applicant must file a current Student Payment Application (usually available in mid-April) to the New York State Higher Educational Services Corporation 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 \$100 to \$4050.
3. TAP is awarded for eight semesters of full-time undergraduate studies. Students enrolled in the HEOP have an additional two semesters eligibility.
4. 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.
5. 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.

## AID FOR PART-TIME STUDY (APTS)

This program is designed to provide tuition assistance to eligible undergraduates, enrolled on a part-time basis (six to eleven credits for semester), in a program of study leading to a degree at Marist College. Eligibility requirements include New York State residency, good academic standing, previous academic credit, matriculated status and net taxable income limitations. Students may receive tuition waivers up to the cost of tuition, but not in excess of \$1,000 each semester. Students are required to file an APTS application each semester and submit to the Financial Aid Office. For applications and more information contact the Financial Aid Office.

## NEW YORK STATE DECEASED OR DISABLED VETERAN AWARD

A child of a person who died in the military service of the United States during World War I, World War II, the Korean Conflict or the Vietnam Conflict as a result of regular active duty, and who was a resident of New York State at the time of induction or time of death, is eligible for a Regents award. Similarly, a child of a person who was honorably discharged with a current disability of at least 50% resulting from service during World War I, World War II, the Korean Conflict or the Vietnam Conflict, or who had such disability at time of death and who was a resident of New York at the time of induction, is eligible for a Regents award.

1. A student must request a special application from the New York State Higher Education Services

Corporation. After eligibility has been approved, the procedures for applying for payment of a Child of a Veteran award, the number of semesters of eligibility a student has and the procedures at the College for crediting the student's account are the same as for TAP (above).

2. The amount of the award will be \$450 per academic year.
3. There are no financial criteria in order to qualify for this award; however, the recipient of this award should be aware that he or she may qualify for a TAP award along with the Regents Child of Veteran award.

## **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 14**

## **VIETNAM VETERANS TUITION AWARDS (VVTA)**

This program is available to New York State residents enrolled in full-time or part-time (six to eleven credits per semester) undergraduate programs at Marist. Eligibility includes U.S. Armed Forces service in Indochina between January 1, 1963 and May 7, 1975, and discharge under other than dishonorable conditions. Awards range from \$250 to \$500 per semester with an aggregate limit of \$5,000.

## **NEW YORK STATE AID TO NATIVE AMERICANS**

Student must be a member of a native American tribe located on a reservation in New York State and be enrolled in an approved post-secondary institution in New York State.

1. Award ranges to \$1100 per year for full-time study.
2. A student must request a special application form from the Native American Unit, New York State Education Department, Albany, New York 12234.

3. The completed application is returned with (a) an official high school transcript or photostat of General Equivalency Diploma; (b) letter of recommendation from community leader; (c) personal letter setting forth an 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.

## **COLLEGIATE SCIENCE AND TECHNOLOGY ENTRY PROGRAM (CSTEP)**

The purpose of the government sponsored C-STEP is to increase the enrollment and/or retention of underrepresented minority and/or economically disadvantaged undergraduates and graduate students majoring in selected preprofessional programs.

## **FEDERAL AID & LOAN PROGRAMS**

### **FEDERAL PELL GRANT**

The Federal Pell Grant Program is a federal student aid program designed to provide needy students access to a college education. The Federal Pell Grant is intended to be the starting point for putting together the necessary resources to meet college expenses. An undergraduate student enrolled for at least a 3 credits may apply for a Federal Pell Grant.

1. To apply for a Federal Pell Grant: (a) A student must complete either the Financial Aid Form 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, (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 Federal Pell Grant.

3. Currently, the amount of the award ranges from \$250 to \$2400; this range may change as a result of Federal legislation. The amount that a student will receive is based on the following factors; (a) the student's financial need as computed from the information provided on the student's application; (b) the College costs; (c) the student's part-time or full-time enrollment status; (d) the payment schedule as issued by the U.S. Department of Education.
4. Ordinarily the financial need of the student is computed from the 1992 income information. However, if some extraordinary circumstance occurs, a student may file a supplemental form whereon 1993 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.
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 Federal 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 Federal 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 Federal Pell Grant if he or she submits the Student Aid Report after terminating his or her education at Marist College.

## **FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (SEOG)**

Federal 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 Federal 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 Federal 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 Federal Perkins Loan or Stafford Student Loan or owes a refund on a Federal Pell Grant cannot receive an Federal SEOG award.

## **FEDERAL 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 Federal Perkins Loan is awarded annually.
3. A Federal 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 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 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 preschool 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 12 1/2% 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  
FEDERAL PERKINS (NDSL) LOANS

Sample: Student Repayment Schedule  
*Equal Quarterly Payments of Principal and Interest  
 Based on the Quarterly Unpaid Principal Balance @  
 5% Over 10 Years, Minimum Payments of \$30.00  
 Per Month.*

Sample Loan: \$2,000.00

<u>Quarterly</u>	<u>Loan Principal</u>	<u>Net Interest</u>	<u>Principal Payment</u>	<u>Total Payment</u>
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.
- An award letter will be mailed to new students by May 1 and to returning students by July 1.
  - 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.
  - 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.

- If the Federal 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 leave the balance on the account as a credit toward a future term's charges.
- A student who is in default of a previous Federal Perkins Loan or Federal Stafford Student Loan or owes a refund on a Federal Pell Grant or Federal SEOG cannot receive a Federal Perkins Loan.

## FEDERAL COLLEGE WORK-STUDY PROGRAM (CWSP)

Marist College administers a federally sponsored employment program during the school year and during the summer months. The Federal 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.

- A student will be paid at least the federal minimum wage.
- The Federal CWSP award is provided annually.
- Ordinarily, a student on Federal 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 Federal CWSP during vacation periods.
- Federal 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.
- 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.
- 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.
- The Financial Aid Office will provide the student on Federal CWSP an Eligibility Card whereon the student's award will be indicated. This Eligibility Card is to be signed by the student's supervisor and the student.
- A work-study award is an allocation only and not necessarily a guarantee of employment.
- 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 Federal Perkins Loan or Federal Stafford Student Loan or owes a refund on Federal Pell Grant or Federal SEOG cannot receive a Federal CWSP award.

## **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.

## **FEDERAL FAMILY LOAN PROGRAM (Formerly Guaranteed Student Loan Program)**

### **FEDERAL STAFFORD STUDENT LOAN**

Subsidized:

The FSSL 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 FSSL 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. Freshman can borrow up to \$2,625, sophomores up to \$3,500, and juniors and seniors up to \$5,500 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 \$23,000, 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 FSSL 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 FSSL 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 changes after the student has dropped enrollment to less than half-time, the refund from the FSSL 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 1992 tax return and a signed copy of their parent's 1992 tax return.
13. A student may also be required to complete a Verification Worksheet.

#### Unsubsidized:

The unsubsidized Federal Stafford Loan is for those students who do not qualify for the subsidized Federal Stafford Student Loan program. The terms and conditions of the unsubsidized FSSL are identical to those for the subsidized FSSL with the following exceptions:

1. The annual and aggregate loan amounts are the same as those for the subsidized FSSL less any amounts borrowed under that program. In other words, the total amount borrowed under the subsidized and the unsubsidized FSSL programs cannot exceed the annual and aggregate limits listed under the subsidized FSSL.
2. Whereas the subsidized FSSL is interest-free during the student's period of enrollment (minimum half-time), the unsubsidized FSSL is not. The student must select one of the following two options: to begin making interest payments on the loan immediately or to allow the lending institution to capitalize the interest due, resulting in a larger loan principle at repayment.

#### SUPPLEMENTAL LOAN FOR STUDENTS (SLS)

SLS is a student loan program to assist independent undergraduate, graduate and professional students. Eligible freshman and sophomores may borrow up to \$4,000, juniors and seniors up to \$5,000 and graduate and professional students up to \$10,000 per academic year, with an aggregate loan maximum of \$23,000 for undergraduates, and \$73,000 (including undergraduate) for graduate and professional students. These loan limits do not include amounts borrowed under the FSSL or PLUS programs. The applicable rate of interest during any calendar year average rate of 52 week T-bills plus 3.10%, but not to exceed 11%. Repayment begins on the date of disbursement or last multiple disbursement of loan proceeds.

#### PARENT LOANS FOR UNDERGRADUATE STUDENTS (PLUS)

Parents of undergraduate students may borrow up to the cost of education minus any other financial aid the student will receive, for each child in college. There is no aggregate limit. Borrowers may not have adverse credit history. The loan is federally subsidized; the applicable rate of interest during any calendar year is tied to the 52 week T-Bill plus 3.10%, but not to exceed 10%. Repayment begins on date of disbursement of loan proceeds.

#### REQUIREMENTS TO MAINTAIN FEDERAL ELIGIBILITY

The Higher Education Amendments of 1976, 1986 and 1992 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. Additional charts for Graduate and Part-Time students are available in the Financial Aid office.

Before being certified for Title IV Funds, a student must have accrued this many credits:	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
	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.

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 to 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 available to persons who entered active military service at any time during the period January 1, 1977 through January 30, 1985. The veteran must have served on

active duty for at least 181 days and discharge must be under other than dishonorable conditions. The amount of entitlement is contingent upon the amount the veteran contributed. Maximum length of entitlement is limited to 36 months. The veteran has 10 years from the date of discharge to use his/her entitlement.

### Vocational Rehabilitation--Chapter 31

The Vocational Rehabilitation program is designed to provide all services necessary to enable a veteran with service-connected disability to select, train for and secure employment. Each veteran under Chapter 31 is assisted by both a VC 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.

#### **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 nonrenewable basis.

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. The non-renewable Marist Grant-In-Aid is awarded to full-time students for the current academic year only.
5. 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.
6. An award letter will be mailed to incoming students by May 1 and to returning students by July 1.
7. The student must return to the College a reply form indicating whether the award is accepted or denied.
8. 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.

### **SPONSORED SCHOLARSHIPS**

Through the generosity of Trustees, alumni, parents and friends of the College, a number of endowed scholarships have been established at Marist. Each scholarship has specific criteria. Further information is available through the Office of Financial Aid. The following are scholarships currently available at Marist.

#### **BROTHER ADRIAN AUGUST MEMORIAL SCHOLARSHIP IN CHEMISTRY**

The recipient of the Brother Adrian August Memorial Scholarship in Chemistry 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.

#### **BROTHER JOSEPH L.R. BELANGER, F.M.S. SCHOLARSHIP**

Named in honor of a Marist graduate and long-time member of the Modern Languages faculty, the Brother Joseph L.R. Belanger, F.M.S. Scholarship is awarded annually to students majoring or minoring in Modern Languages. Priority is given to students with financial need, going to France for a full academic year of study in French, and planning a career in teaching. The award is made by the Vice President for Academic Affairs and is based on the recommendation of the Coordinator of Modern Languages.

#### **HELEN SCHATZ AND GEORGE BENNETT, JR. SCHOLARSHIP**

Established in 1983, the scholarship is awarded annually by the Vice President for Academic Affairs upon recommendation of the Vice President of Admissions to students from the Fairview area of Poughkeepsie, New York or from Dutchess County.

#### **THE RICHARD LOUIS BERGER MEMORIAL SCHOLARSHIP**

The Richard Louis Berger Memorial Fund was established in 1983. The award is granted annually to a student in the Sachem, New York, Central School District, or a BOCES student in the Second Supervisory District of Suffolk County, New York. 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.

#### **CENTRAL NEW YORK EYE CENTER SCHOLARSHIP**

The Central New York Eye Center Scholarship was established in 1990 to assist visually handicapped students pursue their education at Marist College. Two scholarships are to be awarded each year to two students selected by the Director of Financial Aid in consultation with the Director of Special Services. The scholarship has been dedicated in memory of Mark Van Etten.

#### **LIZ CLAIBORNE SCHOLARSHIP**

Established by the Liz Claiborne Foundation in 1990, the Claiborne Scholarship is awarded to an upperclass student majoring in Fashion Design who demonstrates exceptional talent in the field. It is made upon the recommendation of the Director the Fashion Design Program and is awarded annually by the Academic Vice President.

#### **KATHERINE CONNOR MEMORIAL SCHOLARSHIP**

The Katherine Connor Memorial Scholarship recipient is selected by the Vice President of College Advancement and the Director of Financial Aid. Preference is given to local students. Established in 1991, the scholarship is awarded on the basis of academic achievement and community involvement.

**ROBERT CROSBY MEMORIAL SCHOLARSHIP**

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 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.

**MARGUERITE FEINSTEIN MEMORIAL SCHOLARSHIP**

Established in 1991 in memory of Marguerite Feinstein, a labor union leader in the State of New York who earned both undergraduate and graduate degrees from Marist College, this scholarship provides assistance to working mothers enrolled in the School of Adult Education. Financial need is a criterion.

**ELLEN IRENE FORSANDER MEMORIAL SCHOLARSHIP**

Established in 1989, the Ellen Irene Forsander Memorial Scholarship provides support to a student who is suffering from a chronic asthmatic condition. Financial need is a criterion. The award is made upon the recommendation of the Director of Financial Aid and the Director of Special Services.

**PETER AND VIRGINIA FOY SCHOLARSHIP**

The Peter and Virginia Foy Scholarship was established in 1964. The scholarship will be awarded upon recommendation of the Academic Vice President to students with financial need.

**MARY LOU GANTERT SCHOLARSHIP**

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 includes the Associate Dean for Student Affairs, a faculty member from the Division of Natural Sciences and one other faculty member.

**TINA AND ALPHONSE GIOIELLI SCHOLARSHIP**

Established in 1989 in honor of a long-time faculty member and her husband who joined her in teaching Italian language and culture at Marist, the Tina and Alphonse Gioielli Scholarship is awarded to a junior or senior French or Spanish major. Financial need is a

criterion. Priority is given to a student studying abroad for a full year, with first consideration to a candidate studying language and culture in Italy. The award is made by the Vice President for Academic Affairs and selection is based on the recommendation of the Coordinator of Modern Languages and the Director of Financial Aid.

**MADAME FRANCOISE B. GREGG SCHOLARSHIP**

Named in honor of a long-time member of the Modern Languages faculty, the Madame Francoise B. Gregg Scholarship is awarded annually to a French student who is spending a full academic year in France. Financial need is a criterion. The award is made by the Vice President for Academic Affairs and is based on the recommendation of the Coordinator of Modern Languages and the Director of Financial Aid.

**DR. ARMAND HAMMER SCHOLARSHIP**

The Armand Hammer Scholarship was established in 1982. The scholarship is awarded annually by the Academic Vice President to students who are selected on the basis of academic excellence and their ability to become the most promising Marist graduate.

**DR. GEORGE B. HOOPER SCHOLARSHIP**

Established in 1991 in honor of Professor Emeritus of Biology, the Dr. George B. Hooper Scholarship is awarded to students on the basis of general academic merit and demonstrated ability in the field of science. Recipients are selected by the Vice President for Admissions upon the recommendation of the science faculty.

**ROY C. KETCHAM MEMORIAL SCHOLARSHIP**

The Roy C. Ketcham Memorial Scholarship was established in 1990 in memory of a long-time Trustee and former Chairman of the Board at the College. The scholarship is awarded annually upon the recommendation of the Vice President of College Advancement and the Director of Financial Aid. Preference is given to students residing in Southern Dutchess County, New York, and is awarded on the basis of academic achievement and community involvement.

**CHARLES J. LAWSON, JR. FAMILY SCHOLARSHIP**

Established in 1984, the Charles J. Lawson, Jr. Family Scholarship is awarded annually to 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.

**DR. ALESKI A. LEONIDOFF SCHOLARSHIP**

The Dr. Aleski A. Leonidoff Scholarship was established in 1966 and is awarded annually by the Vice President

of Admissions to students with demonstrated financial need who plan to specialize in scientific or premedical studies.

#### **WILLIAM AND MARGARET MAIR SCHOLARSHIP**

The William and Margaret Mair Scholarship awarded on the recommendation of the Vice President of College Advancement and the Director of Financial Aid. Preference is given to local students. Established in 1984, the scholarship is awarded on 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, New York 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.

#### **LESLIE ELLEN McPARTLAND SENIOR BOOK FUND**

Established in memory of Leslie Ellen McPartland, a business major in the Class of 1988, this non-competitive fund provides a stipend to a member of the senior class who meets specific criteria identified by Leslie's family; the stipend is to be used to purchase textbooks. The award is made by the Vice President for Advancement.

#### **HAROLD AND ANNE MILLER SCHOLARSHIP FOR ADULT STUDENTS**

The Harold and Anne 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 and is based on the students' financial need and academic achievement.

#### **CHARLES G. AND CORNELIA L. MURRAY SCHOLARSHIP IN PRINT JOURNALISM**

Established in 1990, the Charles G. Murray and Cornelia L. Murray Scholarship is awarded to an upperclass Communication Arts major who is committed to pursuing

a career in print journalism. The award is made by the Vice President for Academic Affairs and the Chairperson of the Division of Communication and the Arts.

#### **JACK NEWMAN SCHOLARSHIP**

Established by a long-time Trustee and former Chairman of the Board at Marist College, the Jack Newman Scholarship is awarded to academically talented upperclass students who are confronted with unexpected financial problems that may jeopardize the completion of their education. Determination of eligibility and awarding of the scholarship is made by the Director of Financial Aid.

#### **NEW YORK FEDERATION OF HOME BUREAUS SCHOLARSHIP**

Supported through the statewide fund-raising efforts of the New York State Federation of Home Bureaus, this scholarship endowment was awarded to Marist College in 1991 in honor of the Dutchess County Home Bureaus. An annual award is made to a Fashion Design major; the recipient must have financial need, reside within a county where New York State Federation of Home Bureaus, Inc. has organized chapters and meet other criteria established by the donor. In the absence of an eligible student in the first choice field of study, the alternative field of study will be Communication Arts.

#### **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 from Poughkeepsie, New York and Racine, Wisconsin.

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

The Brother Paul Stokes Memorial Scholarship, established in memory of a former Dean of Students at Marist College, is awarded by a committee composed of Marist faculty, staff and alumni to an incoming freshman from a Marist Brothers' high school or where Marist Brothers have historically been associated. Academic achievement, financial need and community service are the criteria.

#### **TRAVIS FAMILY MEMORIAL SCHOLARSHIP**

Established in 1990 in memory of Mary E., Robert T. and Elizabeth T. Travis, the scholarship is awarded on the basis of academic achievement, community involvement and leadership potential. The recipient is selected by the Office of College Advancement and the Director of Financial Aid.

**BROTHER TARCISIUS VALLIERES SCHOLARSHIP**

The Brother Tarcisus Vallieres Scholarship was established in 1977 in memory of a Brother long associated with the College. The scholarship is awarded annually by the Vice President of Admissions in consultation with the Marist Brothers College community to graduates of high schools where Marist Brothers are actively teaching or to young people from apostolates where Marist Brothers are actively working.

**RAYMOND R. WEISS SCHOLARSHIP**

The Raymond R. Weiss Scholarship was established in 1977 in memory of a former member of the Modern Languages faculty. The scholarship is awarded upon recommendation by the Academic Vice President and the Coordinator of Modern Languages to a student of Puerto Rican origin or a Modern 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.

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*Head Football Coach*
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*Assistant Football Coach/  
 Additional Sport in Alternate Semester*
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*Head Men's Basketball Coach*
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M.A., University of Arizona  
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# MARIST

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