

MARIST COLLEGE

CATALOG 70-71

Liberal Arts College for Men & Women



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MARIST COLLEGE

POUGHKEEPSIE, N.Y. 12601

A Liberal Arts College for Men and Women

Programs for the Year 1970-1971

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ACADEMIC CALENDAR—1970-71

EVENING SUMMER SESSION

1970

June 29	Monday	6:15–9:00 P.M. Evening registration. Full payment of fees must be made at this time.
June 30	Tuesday	Evening classes begin. Classes meet every Monday, Tuesday, and Thursday.
August 10	Monday	Semester examinations given in regular classrooms during regular class hours.

FALL SEMESTER

1970

September 1	Tuesday	Opening Day
September 2	Wednesday	Classes begin
September 9	Wednesday	Last date for late registration, change of courses and course sections, 1/2 tuition refund after this date.
September 23	Wednesday	No tuition refund after this date.
October 5	Monday	Service charges are assessed on unpaid tuition balances as of this date.
October 12	Monday	Holiday
October 13	Tuesday	Holiday
October 14	Wednesday	Last date for dropping courses without penalty of failure.
October 21	Wednesday	Mid-term grades are published.
October 30	Friday	Last date for payment of fees.
November 9–12	Monday– Thursday	Spring 1971 registration—Evening classes.
November 16–20	Monday– Friday	Spring 1971 registration—Day classes.
November 25	Wednesday	Thanksgiving Recess
November 26	Thursday	
November 27	Friday	
December 16	Wednesday	Semester Examinations begin.
December 19	Saturday	End of fall semester.

SPRING SEMESTER

<i>1971</i>		
January 18	Monday	Classes begin
January 25	Monday	Last day for late registration, change of courses and course sections; 1/2 tuition refund after this date.
February 8	Monday	No tuition refund after this date.
February 19	Friday	Service charges are assessed on unpaid tuition balances as of this date.
March 1	Monday	Holiday
March 2	Tuesday	Holiday
March 3	Wednesday	Last date for dropping courses without penalty of failure.
March 8	Monday	Mid-term grades are published.
March 19	Friday	Last date for payment of fees.
April 1-6	Thursday- Tuesday	Fall 1971 registration—Evening classes.
April 6	Tuesday	Spring recess begins after last class.
April 19	Monday	Classes resume.
April 19-23	Monday- Friday	Fall 1971 registration—Day classes.
April 26-29	Monday- Thursday	Summer 1971 registration.
May 10	Monday	Semester examinations begin.
May 13	Thursday	Spring semester ends.
May 22	Saturday	Twenty-fifth Commencement.

EVENING SUMMER SESSION

<i>1971</i>		
July 5	Monday	Evening classes begin. Classes meet every Monday, Tuesday, and Thursday.
July 12	Monday	Last date to drop a course and receive full tuition refund.
July 19	Monday	Last date to drop a course with 1/2 tuition refund.
July 26	Monday	Last date for dropping courses without penalty of failure.
August 13	Friday	Semester examinations given in regular classrooms during regular class hours.



THIS IS MARIST

Marist is a liberal arts college for men and women founded by the Marist Brothers in 1929 to educate members of the order. By 1946, the school had achieved four-year status as a liberal arts institution receiving its permanent charter from the State of New York in 1950. In September, 1957, Marist began its break with the past by accepting 12 lay students. The freshman class of 1969 had 400. Such rapid increase in numbers has been made possible only by a ten-year building program that has produced a campus presently worth over 11 million dollars and supported solely by tuitions and gifts.

In the 1969–1970 school year Marist numbered 1332 full-time students, with 346 part-time students. Its faculty is supported by a library of over 64,000 volumes and sufficient laboratory facilities to support a thoroughly contemporary program.

Although its expansion has been rapid, the Board of Trustees expects to limit the size of Marist to about 1500 full-time students. The Board feels this size is sufficient to maintain the extensive liberal arts program, yet retain the many virtues of a small college.

During the decade of 1960–1970, ownership of all land and buildings was gradually transferred from the Marist Brothers to the Marist College educational corporation. An independent Board of Trustees now supervises these assets and provides direction and control of the operation of Marist College.

Marist College, located one mile north of Poughkeepsie, New York, lies between the Hudson River and Route 9, the major north-south route east of the Hudson. The college is within two hours' ride from New York City by railroad, bus or car. The Poughkeepsie station of the Penn-Central Railroad is less than five minutes' drive from Marist.

The 100 acre campus contains an outdoor swimming pool, which can be converted to a skating rink, and waterfront facilities for sailing and crew activities. There are athletic fields, handball and basketball courts to support the intramural sports program. Leonidoff Field, in operation since the Fall of 1968, is used for varsity soccer and club football games.

HISTORY

LOCATION

CAMPUS

LIBRARY

The spacious, four-level library contains over 64,000 volumes and subscribes to 635 professional and cultural periodicals.

Marist's library is a member of the Southeastern (New York) Library Resources Council and through the Council shares many resources with public, college, and industrial libraries. The New York State Interlibrary Loan program for books and periodicals has been in use for several years. Through this program, teachers and students can make use of library resources throughout New York State.

With the help of a government grant, an Audio Visual Materials Center has been established in the library. Here the faculty and students can secure phonograph records, maps, tapes, art slides, moving pictures, and related material. The library also has microfilm readers and a 209 3M Book copier. Twenty-five periodicals, including *The New York Times*, are available on microfilm.

LANGUAGE LABORATORIES

Marist's two language laboratories are used both for group work and individual study. Text and tapes are available for basic courses in French, German, Italian, Russian, Spanish, as well as English for foreign students.

The use of the laboratory is required of all students registered in the basic language courses. However, the facilities are available to all students. Arrangements are available for Hudson Valley area residents to use the laboratory.

CLOSED CIRCUIT TV CENTER

The Closed Circuit Television Center is equipped with recording studio equipment and playback apparatus. Facilities for recording educational television off the air are available. Studio apparatus, including cameras and records, are used in preparing material to be used in the classroom. The television programs are broadcast from the Center into the classrooms and laboratories. The Closed Circuit Television Center is used by teachers and students who wish to experiment with the media. Portable apparatus is available for use outside of the studio. Arrangements for use of the facilities can be made with the Director.

COMPUTER CENTER

In line with Marist College's desire to have each student take a place in the modern world, the Computer Center is available to the faculty and students during regular class hours and, upon request, at other times. Time will be reserved, upon application, to anyone who is familiar with the operations of the facility (Long periods of uninterrupted use for research usually are

scheduled after regular hours.). Key punch consoles are available at all times for use of students and faculty. If the student prefers, he may leave programs and data cards at a receiving window for the computer staff to process. These are processed daily. FORTRAN, COBOL, and Autocoder languages may be used.

Courses are offered in the evenings during the fall and spring terms, as well as during the summer. These courses are specially scheduled for students pursuing a degree on a part-time basis. They are, however, also accessible to full-time students. Students following courses in the evenings and during summers may complete the requirements for the bachelor of arts degree with a major in English, history, mathematics, physics and chemistry and the bachelor of science degree in business. Students fully matriculated at other colleges frequently register for summer evening courses in order to accelerate their programs or to make up deficiencies. In either case, the permission of the home institution is required.

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

The college holds memberships in the Association of Colleges and Universities of the State of New York, the Commission on Independent Colleges and Universities, the American Association of Colleges for Teacher Education, and the Association of American Colleges. Marist is also a charter member of the Associated Colleges of the Mid-Hudson Area (ACMHA). Marist College is a charter member of the Visiting Student Program sponsored by the Associated Colleges and Universities of the State of New York.

Student activities (both co- and extra-curricular) at Marist reflect the college's primary objective: to encourage each student in the full development of his intellectual, spiritual, social, and physical capabilities.

Membership in any campus organization is open to all Marist students (except those which specify "by election only") who maintain a satisfactory academic record.

EVENING CLASSES

MEMBERSHIP AND APPROVAL

CAMPUS LIFE

STUDENT GOVERNMENT AT MARIST

At many colleges a student government is little more than a body to regulate social affairs. This is not the case at Marist. Besides being the official liaison between faculty, administration and student, the Student Government has a hand in many activities, which may best be outlined by a brief summary of its structure.

The Executive Council of the Student Government is composed of the president, vice president, treasurer and two secretaries. Besides their obvious duties, they provide a careful scrutiny of all proposed actions. The Council is rounded out by two representatives from each class who provide a gauge of popular opinion. The Student Council meets weekly, and here pertinent topics of the day are discussed. These range from financial aspects of social events to student participation in community activities.

As in the Federal government, the Judiciary reviews the constitutionality of all laws and presides over the equivalent of civil suits.

Committees are an integral part of any governing body. Of course, there is a social committee to regulate that aspect of campus life, an athletic committee, and a cultural committee. These may be found on any campus, but the unique factor of the Marist Student Government is in certain other committees.

The Student Academic Committee, comprised of appointees from all classes, augments faculty committees by proposing such important actions as student-initiated courses and generally making known the students' feelings in regard to academic matters. This, and all committees, is augmented by the Student Opinion Board, which polls the students' feelings.

The Social Service Board provides coordination to Students and Clubs that engage in community projects, thereby making Marist a part of the community rather than a community apart.

Students are also an integral part of several faculty committees. The Academic Policy Committee, which gives direction to the academic program at Marist, consists of five voting faculty members, Academic Dean, and two students. The Campus Life Committee is a joint faculty-student committee that involves itself in the over-all tone of college campus life, with emphasis on the non-academic programs, such as student rights, off-campus housing, and faculty-student relations. Most important, the budget committee, which determines the fiscal policies of the school and therefore its long-term growth, has four students besides administrators, faculty and trustees. The Dr. Martin Luther King Committee, designed to promote a closer liaison with the community at large, also seats 5 students.

To round out the Student Government, there is a secretariat to keep records and a three-man Election Commission that oversees the successful and democratic continuation of the Student Government.

The Residence Board is the official representative of the interests and opinions of resident students to the administration on matters directly related to resident students. It likewise presents the views of the administration to resident students.

The Board is composed of eight elected members representing all sectors of the resident population. The Director of Residence serves as Chairman—*ex officio*.

The Residence Board legislates and enforces regulations pertaining to resident students and coordinates extracurricular activities for resident students. The Board is empowered to recommend suspension or dismissal of resident students who violate resident hall regulations.

Each residence hall has an elected House Council similar to the Residence Board.

The Reynard: Marist College yearbook.

The Circle: campus weekly.

Mosaic: literary quarterly.

The Marist Journal of History: published by the Mu Zeta Chapter of Phi Alpha Theta.

Humanities House is an experiment in living-learning. It groups together in Sheahan Hall all students wishing to enrich their college experience by organizing and running various cultural and intellectual activities related to the humanities.

Residence in Humanities House is by special application to the Director; it is open to freshmen as well as upperclassmen.

This program, established at the college in 1966 and partially funded by a grant from the U.S. Office of Education, enrolls 11th and 12th grade students from Dutchess and Ulster Counties. These students are those with intellectual or artistic ability who have not done well academically because of cultural or economic reasons. Upward Bound students are in residence at Marist College for six weeks during two summers and are then placed in colleges throughout the country.

RESIDENCE BOARD

HOUSE COUNCIL

PUBLICATIONS

HUMANITIES HOUSE

UPWARD BOUND PROGRAM

Marist faculty members and undergraduates participate in the program as teachers and tutor-counselors respectively. Upward Bound students also meet regularly on the campus during the academic year follow-up. The program is operated in conjunction with Bennett College where 10th grade students are in residence.

RELIGIOUS ACTIVITIES

Marist provides a program of religious activities designed to meet the needs of the individual student, of student groups, and the college community as a whole. Religious counseling is available for students of various persuasions.

ATHLETICS

Marist's spacious campus, its newly built boathouse, and its location on the banks of the Hudson River provide advantages for a full athletic program.

The college offers a program of intercollegiate sports including crew, soccer, basketball, wrestling, cross-country, sailing, track, tennis, golf, and intercollegiate club football. The intramural program offers a variety of activities including handball, basketball, bowling, golf, softball, touch football, wrestling, cross-country, track, soccer, and sailing.

Throughout all levels of the program of physical education and athletics, the college emphasizes the physical, recreational and social values 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 program and in intercollegiate and intramural sports.

GENERAL ACADEMIC INFORMATION

For the exact date of registration, see the Academic Calendar in this catalog. Students registering on any day later than those designated in the academic calendar will be required to pay a late registration fee of \$20.00.

Approved changes in registration must be effected within the dates specified by the Academic Calendar. Changes in registration initiated by the student are subject to the change-of-program fee.

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

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

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

A student who withdraws from Marist must submit a letter of withdrawal to the Associate Dean for Student Academic Affairs of the College. In the absence of this letter, no statement of honorable withdrawal will be issued by the College.

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

To obtain a transcript a student or graduate should apply to the office of the Recorder. A fee of \$1.00 is charged for each transcript issued. No transcripts will be issued during the periods of registration, examinations or commencement.

A college student's most meaningful experiences are achieved through the thoughtful considerations and discussions provoked by classroom lectures. Therefore, regular class attendance is a primary responsibility for all students. Failure to participate fully in classroom activity will result

REGISTRATION

COURSE WITHDRAWAL AND COURSE CHANGES

WITHDRAWAL FROM THE COLLEGE

TRANSCRIPT OF RECORD

ATTENDANCE

in a loss for the student. Absences from class for whatever reasons or duration do not free the student from the responsibility for the full content of the course and for all class assignments.

FACULTY ADVISERS

Seniors, juniors and sophomores will have as their advisers a faculty member from the department of their major field.

Freshmen are assigned a faculty adviser by the Associate Dean for Student Academic Affairs.

GRADING SYSTEM

A student receives both mid-term grades and final grades. However, only the final grades will appear on his 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 the assimilated knowledge to others.

In assigning a grade to a student, the instructor must function as in a courtroom: examine thoroughly all the evidence involved in the case, weigh the evidence and make his 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, recitations, 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.

The following, viewed in the light of the preceding statement, is the grading system:

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, make application of 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 has a more personal grasp of the principles of the course and perceives wider application of the principles. He can 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 specified field by reason of his interest; he has initiative and originality in attacking and solving problems; he shows ability in rethinking problems and making associations and in adapting himself to new and changing situations; moreover, he has an appropriate vocabulary at his command.

D

A student who is deficient in some degree in any of these areas will earn only a D. The grades of B+, C+ and D+ are used to indicate that a student has shown more 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 his control. It becomes the student's responsibility to resolve this grade within three weeks of the publication of final grades by completing course requirements as determined by the instructor. Failure to conform to this time limit results in a final grade of F. The grade of I is not assigned in a case where failure to complete course requirements on time is due to student delinquency.

W

This grade is assigned to a student who officially withdraws from a course during the first six

weeks of a semester (see Academic Calendar for specific dates). Withdrawal after this period results in a grade of F. Exceptions may be made by the Associate Dean for Student Academic Affairs when circumstances warrant it.

F

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

NC (no credit)

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

(1) He is exercising the pass-no credit option as described below

or

(2) Approval of the Academic Dean has been obtained by the course instructor to grade students in a particular course on this basis.

A student's cumulative index 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 is exercising the pass-no credit option as described below

or

(2) Approval of the Academic Dean has been obtained by the course instructor to grade students in a particular course on this basis.

The grade P entitles a student to credit for the course, but does not affect his cumulative index.

Pass-No Credit Option

A student may elect to pursue, on a pass-no credit basis, courses which are not being used to satisfy core or major field requirements. This option may be exercised for no more than six credit

hours, and is subject to the instructor's approval. The student's request to exercise this option must be made within the first six weeks of the semester.

The quality point system is a measure of the excellence of a student's work. For the grade of A the student receives four times the number of semester hours of credit in his course; for the grade of B+ he receives three and one-half times the number; for a B he receives three times the number; for a C+ he receives two and one-half the number; for a C he receives twice as many; for a D+ he receives one and one-half times as many; and for a D he receives the same number of quality points as semester hours of credit. For an F, P, or NC he receives no quality points.

The scholastic index is computed by dividing the total number of quality points by the total number of semester hours of credit attempted, excluding courses for which the grades of P or NC have been received.

A scholastic index of 2.0, equivalent to a C average, is the overall minimum requirement for good academic standing, for officership in most undergraduate organizations, and for promotion.

Without deviating from this general requirement the College recognizes that a freshman may encounter difficulties in adjusting to college life and college curriculum. Therefore, if a freshman obtains a minimum cumulative index of 1.7 for the two semesters of his freshman year, he will be allowed to continue as a student at Marist for the following year.

All students must have a minimum cumulative index of 2.0 at the end of sophomore year and must maintain a minimum cumulative index of 2.0 each semester thereafter.

The Dean's List, published each semester, records the names of those students who have achieved academic excellence. 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 3.0 for the semester.

At commencement, three grades of honors are awarded to those graduates who have maintained a superior level of achievement during the entire undergraduate course.

Summa Cum Laude, or highest honors, awarded to those having a scholarship index of 3.85 and no grade below B for the four-year period.

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 3.0 or above.

GRADE POINT INDEX

ACADEMIC HONORS

FAILURES

Academic failures in required subjects must be made up either at Marist or elsewhere. The student choosing to make up his academic deficiencies at another college must have the written permission of the Registrar. If it is impossible for a student to obtain the precise course he needs, he may not substitute an equivalent without the permission of the Registrar.

DISMISSAL

Students who fail to meet minimum academic standards are subject to dismissal. A minimum cumulative index of 2.0 is required for good standing. The College recognizes the adjustment difficulties associated with the freshman year, and will permit freshmen, at the completion of their second semester, to continue on if they have accumulated a minimum 1.7 index. By the end of the fourth semester, however, the sophomore must have achieved the minimum cumulative index of 2.0, and this minimum must be maintained by the student for each successive semester.

Every student's academic standing is examined by the Associate Dean for Student Academic Affairs each semester. Cases calling for academic dismissal are reviewed by a faculty committee on academic standards.

The penalty of dismissal may also be imposed, after fair and appropriate procedures, upon students who seriously violate the regulations or the rights of the college community.

**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 Associate Dean for 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 form submitted to his office. Payment of the registration fee each semester is required for maintenance of status while on leave.

The Associate Dean should be notified of intent to return sufficiently in advance to allow for class and housing accommodation.

**PROFICIENCY
EXAMINATIONS**

The College grants credit for College Proficiency Examinations (CPE) and the College Level Examinations (CLE) 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 \$10.00 for each credit accepted.

TRANSFER STUDENTS

A student who wishes to transfer to Marist from another college must meet the same requirements as a beginning student. In addition, he must submit, from each college attended, a statement of honorable dismissal or of good standing and an official transcript of courses completed and in progress.

Transfer of Credit. A student entering Marist may transfer credit for courses taken at other institutions under the conditions stipulated below.

(1) The course must be appropriate as judged by the Registrar. This is to say that the course must be consistent with the Marist College curriculum.

(2) Only those courses may be transferred in which a grade of C or better has been obtained. A.A. degree holders may transfer any course passed in fulfillment of the requirements for that degree. This does not apply to holders of the A.A.S. degree.

(3) Courses taken ten years prior to admission to Marist may not be transferred (except provisionally) until the completion of 30 credit hours at Marist with a minimum index of 2.0.

(4) Credit for upper level courses (courses numbered 300 and above) will not be given for two-year college courses.

(5) Courses transferred are not counted in the computation of the student's scholastic index at Marist.

Degree Requirements. To receive a degree from Marist, transfers from two-year colleges must complete at least 60 credit hours in residence. Transfers from four-year colleges must complete a minimum of 30 credit hours, including 12 in the major field.

An evaluation of transfer credit will be mailed to each candidate for admission when all records are received. Any errors or omissions on this evaluation must be reported to the Registrar at once. No changes will be made after three weeks. No evaluations can be made between August 1 and September registration. A student who receives no evaluation must see to it that he does not take a course for which he may have transferable credit and that he has the necessary prerequisites for any course for which he registers.

A student in regular attendance at another college may register for courses at Marist to make up deficiencies or accelerate his program. Such a student is required to have a statement from his Dean that he is in good standing and has permission to pursue courses at Marist College. A form ~~containing this statement is available from the Office of the Registrar.~~

NON-MATRICULATED STUDENTS

The College is also prepared to admit a limited number of qualified applicants who wish to take selected courses for credit but who do not wish to study for a degree at Marist College. Such applicants are subject to the usual admission requirements. Should such students subsequently decide to matriculate, they may apply no more than 12 credit hours taken prior to matriculating toward the degree.

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

STUDENT SERVICES

STUDENT HOUSING

All students who do not live at home during the college year are required to reside on campus. In 1970-71, an experimental policy of off-campus housing will be operational. All students residing on campus must pay full room and board charges regardless of whether they take their meals in the Campus Center Cafeteria or not. Since residence accommodations are limited, students who wish to reserve rooms should apply to the Business Office as soon as possible. A general deposit of \$150.00, independent of the matriculation fee, is payable by all new resident students upon their acceptance. A general deposit of \$50.00, due on or before May 1, is required of all returning resident upperclassmen. Students supply their own blankets, pillows, soap, towels and other personal items such as radios. Refrigerators and cooking utensils are not allowed in the rooms.

The residence halls are closed during Thanksgiving, intersemester, and Easter holidays. Students may remain on campus during these periods only under extraordinary circumstances, with the permission and under the regulations set by the Director of Residents, and are obliged to pay extra fees. There is no cafeteria service during these periods.

A set of regulations detailing the obligations of resident students, absence from campus, free evenings, holidays, and weekends will be supplied to each student.

Freshman orientation is a program designed to help new students overcome the difficulties they are most likely to meet in the transition from high school to college. It is initiated by a day spent on campus during the summer prior to entrance to meet with faculty members to discuss curricular opportunities and register for first semester courses. The orientation program continues during the fall semester with a program of talks and discussions designed to acquaint the student with campus opportunities and services.

FRESHMAN ORIENTATION

Placement is a student service function that assists students and alumni in the selection of work experiences by providing them with information and guidance as to employment opportunities and by furnishing materials with which to carry on employer contacts.

PLACEMENT OFFICE

The three-fold aim of the office is: service to the student, service to the employer, and service to the institution.

The Office of Career Development is equipped with up-to-date employment information on approximately twelve hundred industrial and service institutions as well as current listings of part-time opportunities in the immediate area. Students are encouraged to take advantage early of the resources at their disposal to prepare themselves for their future.

During the course of the year, the development program revolves primarily around the graduating student providing him with *information, guidance, on campus interviews with industry and government representatives, resume processing, and career counseling* with the Office of Career Development personnel.

Alumni are also being encouraged to utilize the services whenever the need arises. This is typical of the continual efforts on the part of the College to maintain good communications with alumni.

Through its Director, the Marist College Office of Career Development is represented in the Poughkeepsie Chamber of Commerce, the Dutchess County Guidance Association, and the Northeast Regional Placement Association of the College Placement Council.

STUDENT HEALTH

The College maintains on campus an infirmary which is located on the first floor in the East wing of Champagnat Hall. It is staffed by a registered nurse from 8:30 a.m. to 4:30 p.m., Monday through Friday. Emergency medication can be obtained at the infirmary, but for extended care, patients are required to purchase their own medications. Emergency cases requiring hospitalization are treated at St. Francis Hospital, located directly across the North Road from Marist.

The facilities of the infirmary are available to all students, faculty and staff.

The College provides student health insurance on an optional basis. Arrangements for health insurance can be made at the College Business Office. Medical expenses and drugs prescribed are the responsibility of the student.

TESTING AND COUNSELING CENTER

The Testing and Counseling Center has been established to assist students with the successful completion of their duties, to help them formulate and achieve personal goals, and to facilitate their overall personality development. Toward these ends, the Counseling Center provides programs in testing and counseling on a group and/or individual basis for students who request or require them. These services are available to the entire student body and appointments can be made through the Director or his secretary.

Marist College has the approval of the State Approval Agency for veterans' education. Questions concerning veteran benefits should be referred to the students' local veterans agency office. The office of the Recorder also furnishes information and counsel about veteran benefits.

VETERANS

The Marist College Alumni Association is the official representative of the alumni of Marist. Its purposes are to promote the welfare of Marist College and provide for the continuation of relationships formed in the College.

ALUMNI ASSOCIATION

The Association publishes a newsletter regularly and, each year, sponsors Homecoming Day, during which Alumni return to spend a day on campus. There is also an annual fund-raising drive, the proceeds of which are gifted to the College.

The Marist College Alumni Association is a member of the American Alumni Council.

Freshman resident students are not allowed to have the use of a car. Sophomore, junior and senior resident students are permitted to have cars on campus; but the College does not assume responsibility. The use of cars by commuting students is at the option of the student. All cars must be registered with the Director of Security and must bear a parking decal. Regulations concerning parking on campus can be obtained at the Director of Security's Office.

AUTOMOBILES ON CAMPUS

To assist students in learning to operate checking accounts and to prevent large sums of money from being stored in dormitory rooms, the College maintains a campus bank at the Business Office. College bank checks may be cashed only on campus. Further information on the college bank may be obtained from the Business Office.

COLLEGE BANK

Draft counseling is the collection, study and dissemination of all information regarding military service and the Selective Service system. In such a program the individual is provided counseling designed to assist him to make a responsible decision in the context of such issues as the sovereign power of the nation-state and its obligations to secure the common good and the individual's view of justice and peace.

DRAFT REGISTRATION AND COUNSELING

The experience of youth counselors around the nation indicates that neither young people nor their families are knowledgeable about their options, rights, or duties, regarding military service. The seriousness of the situation is heightened by the fact that the draft is one of the most severe conscience problems facing youth today.

**FOREIGN
STUDENTS**

It is the student's responsibility to discharge all requirements of the Selective Service. Information regarding the Selective Service system may be obtained at the Recorder's Office. The Recorder is an official Selective Service system registrar. Trained draft counselors are also available on campus for aid in dealing with the registrant's Selective Service problems.

It is the responsibility of foreign students to maintain their passports, visas, and other documents in good order and up-to-date. The Foreign Student Adviser will assist in these and related matters. Information concerning these matters together with the more usual forms and certificate blanks are available at the office of the Registrar.

SPECIAL STUDIES AND PROGRAMS

Work-Study Programs are designed to provide a learning experience for the student in an academically-oriented work setting under professional supervision. Programs available at Marist include: Psychology Supervised Work Experience, Work Internship in Political Science, Computer Internship, and Internship in Educational Administration.

Because these programs vary in terms of eligibility, requirements, credit award, etc., further inquiry should be directed to the sponsoring agency.

Each intern becomes thoroughly familiar with the policies of the college regarding admission of students, and has as his responsibility the recruiting of students from high schools in a given sector.

The reading and study content is drawn from Philosophy of Education, Tests and Measurements, Administration of Higher Education, Public Speaking, Personnel Services: a) Admissions, b) Financial Aid, c) High School Placement, d) Government and Education, as well as a bibliography directly related to modern issues in guidance and personnel work will be drawn up by the Admissions Office.

A student attending a college or university in New York State is eligible to study at another institution of his/her choice in the State. Advantages of this program include the perspective gained by getting to know other kinds of students, studying with another faculty, and experiencing the special qualities of urban, suburban or rural living. Over fifty colleges and universities participate in the Visiting Student Program. One of the things that makes the Program so unique is the remarkable diversity of the various schools. Some are large; some small. Some stress the liberal arts; others offer specialized studies as well, and some concentrate on professional preparation in such specific fields as computer technology, music, and films. Collectively, these schools represent an extraordinarily rich educational resource. The Program puts them within reach by enabling a student to attend another institution in New York State for a semester or a year without a formal transfer.

WORK-STUDY PROGRAMS

INTERNSHIPS IN EDUCATIONAL ADMINISTRATION

VISITING STUDENT PROGRAM

Further inquiries about the Visiting Student Program for Colleges and Universities in the State of New York may be made at the Office of the Associate Dean for Student Academic Affairs. Application for the program should be made one semester in advance of the semester away.

CROSS REGISTRATION

Cross registration is a procedure that allows a student at any one of the A.C.M.H.A. colleges (Associated College of the Mid-Hudson Area: Bard, Bennett, Dutchess Community, Marist, Mt. St. Mary, New Paltz, Vassar, and Ulster Community) to register for courses at any one of the other colleges (subject to space availability through his 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 to qualify for cross registration and limits cross registration to courses not available at Marist. Approval of the Associate Dean for Student Academic Affairs is required.

Further inquiries about cross registration should be directed to his office. Cross registration is effected at the same time as regular registration at Marist.

FRANKLIN D. ROOSEVELT STUDIES

During the past several years, Marist College, 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.

Annual Roosevelt Symposia have been held since 1965 to examine important events during Franklin Roosevelt's administration. Among the former New Dealers who have spoken at the symposia have been Justice William O. Douglas, appointed by F.D.R. to the Supreme Court; Adolph A. Berle, Jr., former braintruster and Roosevelt's Assistant Secretary of State; 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, and William Leuchtenburg. Attending these Roosevelt Symposia have been hundreds of college history professors and high school social studies teachers from many eastern states.

A Franklin D. Roosevelt Summer Institute (6 credits) was initiated in 1966. This seminar-research course is coordinated at both Marist College (seminar) and the Roosevelt Library

(research). A substantial research paper utilizing the Roosevelt papers is required. The Institute includes discussions with scholars actively engaged in research and surviving friends and acquaintances of President Roosevelt. Field trips are made to a number of places of historic interest in the Mid-Hudson area. Available photocopied documents and audio-visual aids are utilized.

During the regular academic year, a Franklin D. Roosevelt Seminar Course (3 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 College maintains a cooperative engineering program with the University of Detroit.

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

During the three years at the University of Detroit the students divide their time equally between 13-week periods of attendance at the University of Detroit and alternative 13-week periods for training in the engineering industries. The purpose of the industrial training is to make the student familiar with engineering techniques and practices, and with the engineering environment. They are paid for their services, and their earnings enable them, on the average, to pay 75% of the cost of attending the University of Detroit in the upper three years, including living costs. At the end of the five-year course, students receive the B.E. degree from the University of Detroit.

Students considering this program should register with the coordinator of engineering education during their freshman year.

Marist College offers courses in pre-legal, pre-dental, pre-medical, and pre-engineering education. Care should be taken by students to insure that prerequisite courses required by a professional school are included in their course of study. Students planning to enter medical or dental school should consult with the chairman of the Pre-Medical Advisory Council in the Department of Biology early in their freshman year.

Admittance to such schools is based upon a student's academic record and his performance on a qualifying examination. The mere fact of a student's taking a pre-professional program

COOPERATIVE ENGINEERING PROGRAM

PRE-PROFESSIONAL PROGRAMS

is no guarantee that he will be accepted in the professional school of his choice, nor is it a guarantee that he will receive the recommendation of Marist College.

The student who intends transferring to a professional school should notify the Chairman of the Natural Science Division of this intention as early as possible, so that a program may be drawn up which will be appropriate preparation for his intended professional school.

MARIST ABROAD PROGRAM

Marist College allows select students to spend their sophomore or junior year in a foreign country. The primary purpose is academic betterment. Cultural advantages are also considerable. While complementing one's own American background, study abroad provides the opportunity to gain an insight into another people's culture and civilization by direct personal contact.

Excellent study programs are available throughout the world. Inquiries are to be addressed to the Director of Marist Abroad Program as early as possible.

TEACHER EDUCATION

The program in Teacher Education at Marist College is designed to assist the student in preparing himself for a career as a secondary school teacher. It is under the direction of the college's Office of Teacher Education, made up of the Director of Teacher Education, the members of the Education Program, and the Committee on Teacher Education whose membership is drawn from the major disciplines of the College. This Office is responsible for the preparation of programs leading to state certification, the advisement and supervision of students who are enrolled in the program, the screening of candidates and the formulation of policy within the program.

Teacher Education is not a major field of the College, nor does it constitute a separate section. The objectives of the program do not differ from the general objectives of the college as listed in the catalog. Specifically, however, it seeks to provide for the prospective teacher:

1. A well-rounded professional and academic preparation which will be of value to him during the initial years of his professional career;
2. An intensive training in a major field, as well as in professional courses, which he may continue to build after his graduation from Marist;
3. The fulfillment of the requirements of the State Education Department of the University of the State of New York in those areas for which the College has received approval to train teachers.

COURSES OF STUDY

The formal requirement for attaining the Bachelor of Arts or Bachelor of Science degree at Marist College is 120 credit hours of work with at least a C average (2.0 grade point index). In completing these 120 credit hours of work the student must fulfill the following:

(1) He must satisfy a major field requirement in a discipline or program: American Studies, Biology, Business, Chemistry, Economics, English, Environmental Science, French, History, Mathematics, Physics, Political Science, Psychology, or Spanish. Major field requirements are described under the appropriate departmental or program listing starting on page 35. These requirements include satisfactory completion of course work as well as other bases upon which the student's competence may be judged: senior research project, senior thesis, oral or written comprehensive examination, the Graduate Record Examination and seminars.

(2) He must satisfy other course requirements, some of which are common to all students, and others of which vary depending upon major field of study. These course requirements are listed under the heading, "Core and Area Requirements," starting on page 30.

Since the requirements listed in (1) and (2) do not equal the total credit hour degree requirement, the student completes 120 credit hours of work by electing other courses according to his own interests.

REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

Core and Area Requirements

MAJOR IN AMERICAN STUDIES	English	9	ENG 105-106 and 201 or 202
	History-Economics ¹	9	HIST 201-202, and one of the following: HIST 101, 102, 355, 356, ECON 203, P.S. 200
	Mathematics-Science ²	9	BIO 101, CHEM 105, ERSC 103-104, MATH 105 or 115-116, PHYS 105, PSYC 103
	Language ³	12	101-102, 103-104
		or 6	103-104
	or 6	200 or 300 level courses	
	Philosophy	6	PHIL 203-204
	Physical Education ⁴	2	PHED 101-102
MAJOR IN BIOLOGY	Economics	3	ECON 203
	English	6	ENG 105-106
	History	6	HIST 101-102, 201-202, 355-356, P.S. 200
	Mathematics	6	MATH 107 and MATH 108 or 205
	Philosophy	6	PHIL 203-204
	Physical Education ⁴	2	PHED 101-102
	Psychology	3	PSYC 103
	Science	16	BIO 201-202, CHEM 101-102 or 111-112 and 103-104
MAJOR IN CHEMISTRY	Economics	3	ECON 203
	English	6	ENG 105-106
	History	6	HIST 101-102, 201-202, 355, 356, P.S. 200
	Mathematics	9	MATH 107-108, 207

Philosophy	6	PHIL 203-204
Physical Education ⁴	2	PHED 101-102
Psychology	3	PSYC 103
Science	16	CHEM 101-102 or 111-112 and 103-104; PHYS 205-206, 207-208

Business	6	BUS 201-202
English	9	ENG 105-106 and ENG 201 or 202 or 211 or 212
History	9	<u>HIST 101-102, 201-202, 355-356, P.S. 200</u>
Language ³	12	101-102, 103-104
	or 6	103-104
	or 6	200 or 300 level courses
Mathematics	9	MATH 205 and MATH 107-108 or MATH 115-116
Philosophy	6	PHIL 203-204
Physical Education ⁴	2	PHED 101-102
Psychology	3	PSYC 103

**MAJOR IN
ECONOMICS**

English	12	ENG 105-106, and 201-202 or 211-212
History	9	HIST 101-102, 201-202, 355-356, P.S. 200
Mathematics-Science ²	9	BIO 101, CHEM 105, ERSC 103-104, MATH 105, or 115-116, PHYS 105, PSYC 103
Language ³	12	101-102, 103-104
	or 6	103-104
	or 6	200 or 300 level courses
Philosophy	6	PHIL 203-204
Physical Education ⁴	2	PHED 101-102

**MAJOR IN
ENGLISH**

**MAJOR IN
ENVIRONMENTAL
SCIENCE**

Economics	3
English	6
History	6
Mathematics	9
Philosophy	6
Physical Education ⁴	2
Science	30

ECO 203
 ENG 105-106
 HIST 101-102, 201-202, 355-356, P.S. 200
 MATH 107-108, 205
 PHIL 203-204
 PHED 101-102
 BIO 201-202, CHEM 101-102 or 111-112, 103-104,
 ERSC 103-104, PHYS 205-206 207-208

**MAJOR IN
HISTORY**

English	9
History ³⁰	12
Language ³	12
	or 6
	or 6
Mathematics-Science ²	9
Philosophy	6
Physical Education ⁴	2

ENG 105-106 and 201-202 or 211-212
 HIST 101-102, 201-202
 101-102, 103-104
 103-104
 200 or 300 level courses
 BIO 101, CHEM 105, ERSC 103-104, MATH 105 or
 115-116, PHYS 105, PSYC 103
 PHIL 203-204
 PHED 101-102

**MAJOR IN
MATHEMATICS**

Economics	3
English	6
History	6
Mathematics	9
Philosophy	6
Physical Education ⁴	2
Psychology	3
Science	12-16

ECON 203
 ENG 105-106
 HIST 101-102, 201-202, 355-356, P.S. 200
 MATH 107-108, 207
 PHIL 203-204
 PHED 101-102
 PSYC 103
 PHYS 205-206; and either BIO 201-202 or CHEM
 101-102, or 111-112, or ERSC 103-104, or two
 additional semesters of economics or physics or
 psychology

English	9	ENG 105-106 and 201 or 202	MAJOR IN MODERN LANGUAGES
History-Economics ¹	9	HIST 101-102, 201-202, 355-356, ECON 203, P.S. 200	
Mathematics-Science ²	9	BIO 101, CHEM 105, ERSC 103-104, MATH 105 or 115-116, PHYS 105, PSYC 103	
Language ³	12	101-102, 103-104	
	or 6	103-104	
	or 6	200 or 300 level courses	
Philosophy	6	PHIL 203-204	
Physical Education ⁴	2	PHED 101-102	

Economics	3	ECON 203	MAJOR IN PHYSICS
English	6	ENG 105-106	
History	6	HIST 101-102, 201-202, 355-356 or P.S. 200	
Mathematics	9	MATH 107-108, 207	
Philosophy	6	PHIL 203-204	
Physical Education ⁴	2	PHED 101-102	
Psychology	3	PSYC 103	
Science	16	CHEM 101-102, or 111-112 and 103-104; PHYS 205- 206, 207-208	

English	9	ENG 105-106, 201 or 202	MAJOR IN POLITICAL SCIENCE
History-Economics ¹	9	HIST 201-202, and one of the following: HIST 101- 102, 355-356, ECON 203	
Mathematics-Science ²	9	BIO 101, CHEM 105, ERSC 103-104, MATH 105 or 115-116, PHYS 105, PSYC 103	
Language ³	12	101-102, 103-104	
	or 6	103-104	
	or 6	200 or 300 level courses	
Philosophy	6	PHIL 203-204	
Physical Education ⁴	2	PHED 101-102	

MAJOR IN PSYCHOLOGY	Economics	3	ECON 203
	English	6	ENG 105-106
	History	6	HIST 101-102, 201-202, 355-356, P.S. 200
	Mathematics	9	MATH 107-108, 205
	Philosophy	6	PHIL 203-204
	Physical Education ⁴	2	PHED 101-102
	Psychology	3	PSYC 103
	Science	12	BIO 201-202, CHEM 101, or 111 and 103

REQUIREMENTS FOR BACHELOR OF SCIENCE DEGREE

MAJOR IN BUSINESS	Economics	6	ECON 203-204
	English	6	ENG 105-106
	History	6	HIST 101-102, 201-202, 355-356, P.S. 200
	Mathematics	6	MATH 205 and MATH 107 or 115
	Philosophy	6	PHIL 203-204
	Physical Education ⁴	2	PHED 101-102
	Psychology	3	PSYC 103
	Science	3	BIO 101, CHEM 105, ERSC 103 or PHYS 105

¹The history-economics requirement is either nine credit hours in history or six credit hours in history and three in economics.

²The mathematics-science requirement is either six credit hours in mathematics and three credit hours in science or six credit hours in science and three credit hours in mathematics.

³The language requirement is flexible and is based upon the student's high school background and competence. Courses in French, German, Greek, Italian, Latin, Russian, Spanish or the MLA Proficiency Test, may be used to satisfy this requirement.

⁴Required for day division male students only.

THE CURRICULUM

AFRO ASIAN STUDIES

AAST 221 Islamic Thought and Culture *Three Credits*

This course is designed to introduce the student to the cultural characteristics of Islam and to the various societies which have been shaped by it. This will be done through consideration of basic themes, literary expressions, and historical events and personalities, its cultural life during the past fourteen centuries. Emphasis, however, will be placed on the Islamic experience of the Middle East and North Africa.

Major elements treated will include the rise of Islam, the person of Muhammad, the Qur'an, the Traditions, theology and philosophy, law and the state, Sunni and Shi'as religious divisions, and Sufism. The character of the Westernization and secularization of Islam during the past two centuries will be considered as prefatory to the position of Islamic nations in the contemporary world.

AAST 325 Iranian Culture and Civilization *Three Credits*

This course provides an interdisciplinary perspective of the multicultural experience of Iran, from its earliest history to the modern world. Three-fifths of the course will be presented in the telecast tapes of Professor Peter Chelkowski of New York University, and the remaining two-fifths in discussion and directed reading sessions.

The course covers the literary, artistic, political, and religious experience of Iran from ancient times until the present. It will be of particular use in providing occasion to develop the problems of the Persianization of Islam introduced in the course immediately preceding its offering, namely, Islamic Thought and Culture.

AMERICAN STUDIES

THOMAS W. CASEY, *Director*

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

The addition of an American Studies major to the Marist curriculum is accomplished through a combination of the selective utilization of various departmental offerings already in existence, a basic six-credit course in American culture to be taken in the junior year, and a three-credit senior seminar devoted to investigating the leading ideas that have shaped American culture and an analysis of representative interpretations of America. The interdisciplinary structure of the American Studies Program is designed to appeal to students who seek a more integrated understanding of the American cultural complex than can be found within any of the major areas of study presently in the Marist curriculum.

Major Field Requirements. The requirements for a major in American Studies are AMST 450; ANTH 201-202; three credit hours chosen from ECON 203-204, 304, 306; six credit hours chosen from ENG 314, 319, 320; HIST 415, 420-421, 423, 425, 427, 431, 440, 441, 442, 443, 444, 453, 460, 461; three credit hours chosen from PHIL 307, 406, 408; three credit hours chosen from P.S. 303, 304, 305, 306, 307, 308.

AMST 450 Senior Seminar *Three Credits*

An interdisciplinary examination of the American national character through readings, outside lecturers, and field trips. A competently researched paper is required of each student in his special area of interest in American culture.

ANTHROPOLOGY

VINCENT F. KOTSCHAR, *Instructor*

ANTH 101 Introduction to Anthropology I *Three Credits*

Physical and cultural 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 Neolithic culture, and the Egyptian and Pre-Columbian civilizations.

ANTH 102 Introduction to Anthropology II

Three Credits

Ethnology. An introduction to the nature, uniformity, and diversity of cultures through an exploration of primitive and modern peoples. Topics include: the family, economics, government, religion, social stratification, and art and crafts.

ANTH 201 American Culture I

Three Credits

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; factors promoting urban and rural communities; and to a study in the historical and geographical development of selected cities. Statistics will be frequently provided in order to substantiate lectures and to encourage discussion.

ANTH 202 American Culture II

Three Credits

Part 1. The study of radical groups throughout United States history.

Part 2. An intense study of factors producing the megapolis, the city, and smaller communities; the role cities play in the present and their role in the future. Special attention will be given to the movement of peoples to and from the city, as well as an analysis of the population of several cities

as to national origin, race, economic and social stratification, and religious and political preferences.

ART AND MUSIC

E. RIMAI FISHER, *Artist in Residence*

WILLARD H. McNARY, *Lecturer*

NORMAN OLIN, *Lecturer*

EVA PLAUT, *Lecturer*

ART 101 Introduction to Art I

Three Credits

Exploration in art at individual level through design experiments in various media. Development of each person's identification with materials of his choice; emphasis on spontaneous and expressive experiences; creativeness as a constructive force of integration of a person.

ART 102 Introduction to Art II

Three Credits

The dynamism of color in the art experience. Experiments in the variability and interdependence of color; color design in terms of form and space concept; color as a plastic force; the language of the color vocabulary.

ART 201-202 Advanced Art I-II

Six Credits

Exploration, in depth, of areas of creative expression in media of student's choice. Search for identity-experience in the art form, by moving as a self-determining individual to wholeness of statement. Frequent conferences with instructor.

Prerequisite: ART 101-102

ART 110 Art from Impressionist Revolt

Three Credits

Art from the impressionist revolt to our time. A study of the development of the visual arts, painting, sculpture, architecture; their origin in past cultures. The relationship between art and environment and the profound influence of our technological age.

ART 111 The Artist as a Cultural Force *Three Credits*

The artist as a cultural force. Consideration of the problems of creativity. Study of significant contributions by major figures and basic aesthetic principles of our time.

ART 210-211 Sculpture in Contemporary Media I-II *Six Credits*

Imaginative experience in the three dimensional field. Introduction to "seeing" relational aspects of environment. The space of our current concept.

MUS 101 Introduction to Music Literature *Three Credits*

The role of music in Western Civilization as appraised through study of representative masterworks. Emphasis on contemporary musical thought and its relationship to the origins of music as an art form.

MUS 102 Introduction to the Classical, Romantic and Modern Periods of Music *Three Credits*

Study of development of contemporary musical thought and its historical roots in the eighteenth and nineteenth centuries.

BUSINESS AND ECONOMICS

JOHN C. KELLY, *Assistant Professor, Chairman*

JOHN J. GRIFFIN, *Assistant Professor*

THEODORE O. PRENTING, *Assistant Professor*

CORNELIUS J. RUSSELL, *Assistant Professor*

FREDERICK E. JORDEN, *Instructor*

JAMES E. COOMBS, *Lecturer*

JAMES B. FAY, *Lecturer*

NORMAN A. BAGLINI, *Lecturer*

ERNEST J. PETRUCELLI, *Lecturer*

BUSINESS

Major Field Requirements. The major field requirement for a Bachelor of Science Degree is composed of a departmental core (24 credit hours) required of all major field students, plus the selection of one concentration (9-12 credit hours). It is possible for a student to follow an additional concentration of 9-12 credit hours. The departmental core is: BUS 201-202, 302, 303, 305, 306, 307, 308. The accounting and finance concentration is: BUS 402, 403, 404, 408. The marketing concentration is: BUS 411, 412, 413. The operations management concentration is: BUS 421, 422, 423.

ECONOMICS

Major Field Requirements. The requirements for a major in economics are ECON 203, 204, 301, 302 and four other economics courses. The economics major must take the Graduate Record Examination, both the aptitude test and the advanced test in economics.

BUS 201 Principles of Accounting I *Three Credits*

Development of basic accounting concepts. Recording changes in financial condition through analysis of business transactions, and the preparation of statements reporting present monetary position, earnings, and fund-flows of the business organization.

BUS 202 Principles of Accounting II *Three Credits*

Deals with tools of financial control. Course covers such topics as: manufacturing overhead, cost systems, standards and the analysis of variances, budgets, internal control and break-even analysis.

Prerequisite: BUS 201

BUS 302 Business Law*Three Credits*

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 sales.

BUS 303 Government and Business*Three Credits*

An analysis of government's role and activity in influencing economic life. Topics include the philosophy and instruments of the nation's economic policy as they relate to competition, regulation of industries, income redistribution, and the enforcement of these measures.

BUS 305 Management and Personnel Relations*Three Credits*

This two-part course considers first the fundamentals of management and organization of an enterprise. Subjects include the theories of management and organizations, and discussion of such concepts as the managerial task, policy formation, planning and control, and decision-making. Part two examines current practices in personnel relations. Topics include a brief review of the American labor movement and its impact in labor relations, and a study of contemporary methods of staffing, training and compensating personnel.

BUS 306 Financial Management*Three Credits*

A study of the uses and sources of funds by the firm with emphasis on the corporation. Topics include the management of assets and the acquisition of funds from alternative internal and external sources. Some attention is devoted to the legal and tax environment of financial administration.

Prerequisite: BUS 201-202

BUS 307 Marketing Management*Three Credits*

An examination of the activities involved in moving goods from physical production to the consumer. The structure of

the distribution system and combinations of marketing mix strategies are analyzed. Product planning, pricing, promotion and service in a highly oriented consumer economy are considered from the viewpoint of the marketing manager.

BUS 308 Production Management*Three Credits*

This course is designed to study the field of production management with emphasis on the interrelationships of product design, manufacturing methods and the administrative and technical problems faced by production managers and their staffs. The evaluation of the technical concepts and planning and control functions are made in the light of contemporary theory and practice.

Prerequisite: MATH 205

BUS 402 Cost Accounting*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.

BUS 403 Federal Income Taxation*Three Credits*

A study of the Federal tax system with primary emphasis on the impact of taxes on business decision-making. Topics include capital gains and losses, deductions, rate structure, withholding and declaration payments.

Prerequisite: BUS 201-202

BUS 404 Accounting Systems*Three Credits*

A comprehensive presentation of the fundamentals of data origination, classification, control, and reporting. Various accounting systems will be analyzed including data processing applications.

Prerequisite: BUS 201-202

BUS 408 Financial Markets *Three Credits*

A study of contemporary external sources of funds for the firm, especially the corporation. Analyzed are the institutions and practices of the bond and stock markets and of the various sources of short-term funds. Material treated includes the economic and legal influences of public authorities.

BUS 411 Marketing Communications *Three Credits*

This course gives emphasis to the communications concept of advertising and public relations. Emphasis is placed upon organizing and evaluating the advertising and public relations effort as a part of the firm's total marketing program. Problems covering the budget, client-agency relationships, account management, media planning, administration and control are discussed.

Prerequisite: BUS 307

BUS 412 Sales Administration *Three Credits*

This course covers the structure of the sales organization: methods of selecting, training, compensation, motivation, and controlling the sales force; setting territories, and sales quotas; sales and cost analysis.

Prerequisite: BUS 307 and MATH 205

BUS 413 Marketing Research *Three Credits*

The approach in this course is the use of research as a method of analysis to provide information relevant to the solution of marketing problems. Technical aspects are presented as they relate to the manager's ability to judge the soundness of research proposals and evaluate research findings.

Prerequisite: BUS 307 and MATH 205

BUS 421 Wage Theory and Compensation Systems *Three Credits*

Also listed as ECON 307

Economic analysis of the labor market. Factors important in the determination of wage rates, the firm's wage structure, incentive methods of wage payment, and various fringe benefits are studied. Wage theories are analyzed, with consideration given to wage legislation and management-union wage policies.

Prerequisite: BUS 305 and ECON 203-204

BUS 422 Labor Relations *Three Credits*

Also listed as ECON 308

A study of labor-force and labor-market developments, and their influence on management policy and practices. Subjects include the growth and nature of union organization, the economics of the collective bargaining process, and selected collective bargaining issues.

Prerequisite: BUS 305 and ECON 203-204

BUS 423 Management Planning and Controls *Three Credits*

A more intensive examination of selected methods to measure individual, group and organization effectiveness and to direct and control the organization toward the accomplishment of desired goals. Techniques include those drawn from accounting, economics, statistics and the field of industrial engineering. Applications are made to the functional areas of business, with special attention given to the role of computers for both problem solving and business systems integration.

Prerequisite: BUS 201-202, 308

ECON 201 Economic Geography *Three Credits*

Man's utilization of the major economic resources of the world, with emphasis on environmental factors such as climate, soil, physiographical elements, etc. Special attention is afforded to population questions.

ECON 203 Principles of Economics I *Three Credits*

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.

ECON 204 Principles of Economics II *Three Credits*

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.

Prerequisite: ECON 203

ECON 301 Intermediate Macroeconomic Theory *Three Credits*

Analysis above the level of ECON 203 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.

Prerequisite: ECON 203-204

ECON 302 Intermediate Microeconomic Theory *Three Credits*

A more detailed analysis of the material covered in ECON 204. 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.

Prerequisite: ECON 203-204

ECON 303 Soviet Economics *Three Credits*

Designed to cover the Soviet Economy from 1927 to date. Topics include the reliability of Soviet statistics; five-year

plans; Soviet industrial growth; collectivized agriculture; and general economic policies.

Prerequisite: ECON 203-204

ECON 304 Monetary Economics *Three Credits*

A study of the nature of money and credit; the commercial banking structure and operation; the Federal Reserve System; the development of monetary theory; American monetary policy.

Prerequisite: ECON 203-204

ECON 305 International Economics *Three Credits*

Development of the theoretical framework of trade between nations; balance of payments theory; foreign exchange markets; policies on tariffs and trades; customs unions; and international financial agencies.

Prerequisite: ECON 203-204

ECON 306 History of Economic Thought *Three Credits*

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.

Prerequisite: ECON 203-204

ECON 307 Wage Theory and Compensation Systems *Three Credits*

Also listed as BUS 421

Economic analysis of the labor market. Factors important in the determination of wage rates, the firm's wage structure, incentive methods of wage payment, and various fringe benefits are studied. Wage theories are analyzed, with consideration given to wage legislation and management-union wage policies.

Prerequisite: BUS 305 and ECON 203-204

ECON 308 Labor Relations

Three Credits

Also listed as BUS 422

A study of labor-force and labor-market developments, and their influence on management policy and practices. Subjects include the growth and nature of union organization, the economics of the collective bargaining process, and selected collective bargaining issues.

Prerequisite: BUS 305 and ECON 203-204

COMPUTER SCIENCE

CMSC 451-452 Computer Internship I-II

Six Credits

Supervised practical training in the field of Computer Science. Students who are interested in this program are required to know the essentials of at least one computer language. Approval of the Director of the Computer Center is required prior to registration.

EDUCATION

FRANKLIN HAZARD, *Director*

MAURICE G. BIBEAU, *Language Adviser*

JOHN BRODERICK, *Mathematics Adviser*

WILLIAM PERROTTE, *Science Adviser*

WILLIAM C. OLSON, *History Adviser*

EDWARD WATERS, *English Adviser*

Program Requirements. A student may apply for admission to the program at the end of his sophomore year, and, in certain conditions, at the beginning of his junior year, by a written declaration of intent addressed to the Council on Teacher Education and presented to the Director of Teacher Education. Normally, this Committee will accept only those students who have achieved a cumulative index of 2.3 and a major field index of 2.5. All applications must be accompanied by three letters of recommendation from members of

the faculty or administration of the college. At the end of junior year, applications are again reviewed to determine fitness for the semester of professional preparation. When a student is accepted into the program, he is assigned to a special adviser in his major field, who will assist him in the selection of courses necessary for preparation to teach. The student is also free to seek the advice of the Director of Teacher Education with regard to the total program.

During the semester prior to the semester of professional preparation, the student is expected to engage in some form of co-curricular social service. This should consist of tutoring, or recreational supervision, or participation in rehabilitation programs, or some other form of supervised activity which involves working with children. Students who give sufficient proof of already having engaged in work of this type may be excused from this requirement.

During his senior year, the student will spend one semester in which his exclusive concern will be his professional preparation. The first half of this semester is spent in the courses devoted to the social and philosophical foundations of education, educational psychology and the methods and materials of teaching the subject in which he is majoring. During the second half of this semester, he engages in directed observation and practice teaching under the supervision of the college and a cooperating teacher approved by the college. He also participates in the educational seminar which deals with secondary education.

All students in Teacher Education are expected to pass comprehensive examinations in their major fields and in the fields related to the major by reason of certification requirements.

Marist College is empowered by the State of New York to recommend students for provisional certification by the Department of Higher Education. This certificate is valid for five years (not including military service), at the expiration

of which time the requirements for permanent certification must be fulfilled. The provisional certificate enables the student to seek employment in the public schools of New York State as well as assist them to secure positions in eight other states with which New York has reciprocal agreements; without it, no one can be hired except in an emergency. Marist College is empowered to certify in the following secondary academic subjects, grades 7-12: English, social studies, mathematics, French, Spanish, biology, chemistry, and physics.

**EDUC 371 Methods of Teaching English
in Secondary Schools** *Three Credits*

Principles of basic methodology in secondary schools. Use of audio-visual aids. Study of various curriculums in English and their problems. Special emphasis on methods of efficient reading. Cultivation of the desire to read, and methods of teaching composition, classroom management, lesson planning, testing and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

**EDUC 372 Methods of Teaching Social Studies in
Secondary Schools** *Three Credits*

Study of syllabi in history and social studies on the junior-senior secondary school level, and their relationship to advanced study in history. Emphasis on lesson planning, visual aids, use of textbooks, classroom management, testing and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

**EDUC 373 Methods of Teaching Science
in Secondary Schools** *Three Credits*

A course concerned with objectives, problems and procedures, preparation of unity and lesson plans, use of demonstrations, student laboratory experiences, science curriculum

(with special emphasis on Chem. Study, BSCS, and PSSC) and evaluation, texts and reference materials, use of visual aids, programs for advanced students, testing and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

**EDUC 375 Methods of Teaching Mathematics
in Secondary Schools** *Three Credits*

A discussion of the current trends in secondary school mathematics courses. Study of syllabi in mathematics on the junior-senior high school level. The principles of problem solving. Demonstration lessons by the students, testing and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

**EDUC 376 Methods of Teaching Languages
in Secondary Schools** *Three Credits*

Objectives of foreign language study. Examination of revised language syllabi. Study of recent trends in foreign language teaching with a concentration on the audio-lingual method. Demonstration and use of the language laboratory and other audio-visual materials. Observation of demonstration classes and presentation of typical lessons by the students, testing and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

EDUC 400 Internship in Educational Administration *Six Credits*

A work-study experience encompassing a study of principles and problems in specific areas of higher education together with professionally supervised practical experience in that area.

EDUC 451-452. Observation and Practice Teaching

Six Credits

Clinical experience in the classroom on the junior-senior secondary school level including at least 120 clock hours of actual teaching under the bi-weekly supervision of the Office of Teacher Education and the academic departments. Eight weeks of full-time attendance at a secondary school is required.

EDUC 460 Seminar in Philosophical and Social Foundations of Secondary Education

Three Credits

EDUC 465 Introduction to Contemporary Higher Education in America

Three Credits

"An Introduction to Contemporary Higher Education in America," history, issues and future trends with particular attention paid to high school—college articulation, student adjustment and development during the college years. Exposition of vital issues in higher education.

ENGLISH

GEORGE J. SOMMER, *Associate Professor, Chairman*

JOHN SCHROEDER, *Professor*

MILTON TEICHMAN, *Associate Professor*

STEPHEN A. LANNING, *Assistant Professor*

ROBERT P. LEWIS, *Assistant Professor*

AUGUSTINE J. NOLAN, *Assistant Professor*

ROBERT C. NORMAN, *Assistant Professor*

EDWARD P. WATERS, *Assistant Professor*

GERARD A. COX, *Assistant Professor*

DONALD R. ANDERSON, *Instructor*

RUTH STORM, *Lecturer*

Major Field Requirements. The requirements for a major in English are twenty-four credit hours of English courses

numbered 300 or above. The student majoring in English who expects to continue his English studies on the graduate school level should elect either French or German.

ENG 100 English Composition

Three Credits

Offered to freshmen who are notably deficient in writing proficiency. The course focuses upon fundamentals of sentence, paragraph, and essay construction.

ENG 105-106 Experiences of Literature I-II

Six Credits

This course introduces the student to the various forms of literature. The approach is intended to permit him to enjoy literature and be enriched by it through understanding the techniques of the artist. Through reports and class discussions, the student is encouraged to exhibit his understanding and appreciation of literary expression.

ENG 107 Developmental Reading

Two Credits

Training is given to develop the techniques which increase the speed and comprehension of reading.

ENG 201-202 American Literature

Six Credits

The principal developments in the literature of the United States expressive of the American mind from colonial times to the present.

ENG 203 Public Speaking

Three Credits

Training is given in developing stage presence and in delivering note talks and extemporaneous speeches; students also participate in forums and panel discussions.

ENG 205 Introduction to Journalism

Three Credits

The history, philosophy, and function of the newspaper with classroom instruction and professional guidance in laboratory practice.

ENG 207 The Film*Three Credits*

This course will examine the aesthetics of film and the film as a social force in sequence from the beginnings (Melies, Edison, Griffith, Porter et al) to the present day. Fundamental genres of films will be explored: the horror film, the comedy, the western, the documentary and the mystery. The role of the film in Education and industry will not be neglected. Stars of the silver screen: Mary Pickford, The Keystone Cops, Buster Keaton, Charlie Chaplin, Humphrey Bogart, Walter Huston, Jose Ferrer, Oscar Levant and others who once enthralled millions, will delight us once more. This course should appeal to the serious movie buff as well as to the average person who wishes to better understand the role of the film medium in contemporary society.

ENG 211-212 English Literature*Six Credits*

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

ENG 304 Advanced Composition*Three Credits*

Intensive practice in developing the techniques to write short descriptive and narrative pieces and the formal essay.

ENG 305-306 History of Communications Arts*Six Credits*

This course emphasizes the social and literary conditions that contribute to the rise and growth of the various media of communications, their aesthetic problems, and their contemporary functions.

ENG 307-308 Introduction to Linguistics*Six Credits*

A study of the internal structure of the English language as it relates to current patterns in speech and grammar. This course treats phonology, morphology, morphophonemics, the description of language structures, and English transforms.

ENG 309 History of the English Language*Three Credits*

The development of the language from the Old English period to the present.

ENG 311-312 History of Literary Criticism*Six Credits*

A reading of the major texts from antiquity to T. S. Eliot and the New Critics.

ENG 313 Contemporary English Poetry*Three Credits*

A close reading of the principal British poets from the end of the Victorian era to the present including Hardy, Yeats, Eliot, Auden, and Dylan Thomas.

ENG 314 Contemporary American Poetry*Three Credits*

A close reading of the principal American poets since the beginning of the Twentieth Century including Pound, Stevens, Frost, Williams, Lowell, and Cummings.

ENG 315 The Rise of the English Novel*Three Credits*

The generation and development of the novel in the Eighteenth and Nineteenth Centuries.

ENG 316 The Contemporary English Novel*Three Credits*

A study of the developments in the novel from Joyce to the present.

ENG 317-318 The Drama*Six Credits*

The development of the drama in England and America, excluding Shakespeare, from its origin in the liturgy of the Medieval Church to the present.

ENG 319 The Rise of the American Novel*Three Credits*

Reading and analysis of the principal novelists in America before the First World War.

ENG 320 The Contemporary American Novel *Three Credits*
Trends in the novel from World War I to the present.

ENG 321 Medieval Literature *Three Credits*
English literature from the Old English period to the establishment of printing exclusive of Chaucer. Emphasis is placed on Beowulf, the romance, themes in lyric poetry, and the development of prose.

ENG 322 Renaissance Literature *Three Credits*
An intensive reading from the prose and poetry of the English Renaissance exclusive of Shakespeare and the drama. The rise and development of humanistic thinking is stressed.

ENG 323 Seventeenth Century Literature (1603-1660) *Three Credits*
A detailed examination of metaphysical and classical poetry. The intellectual atmosphere of the age is examined through a reading of the principal prose stylists including Burton, Browne, and Bacon.

ENG 324 Literature of the Restoration (1660-1700). *Three Credits*
Emphasis placed on the major works of Milton and Dryden. The poetry of the Court Wits and trends in the drama are examined.

ENG 325-326 Eighteenth Century Literature *Six Credits*
A close examination of the major works of Pope, Swift, Gay, Johnson, and the pre-Romantics, especially Burns and Blake. Tendencies in literary theory are studied.

ENG 327 The Romantic Movement *Three Credits*
Poetry and poetics of the Romantic Movement with emphasis on the major works of Wordsworth, Coleridge, Byron, Shelley, and Keats.

ENG 328 The Later Nineteenth Century *Three Credits*
Poetry and poetics of the Victorian Age with special emphasis on the major works of Tennyson, Browning, Arnold, Rossetti, and Pater.

ENG 389 Seminar *Three Credits*
Periodically an instructor in the English Department will invite a limited number of upper class students to study a literary figure or problem with him.

ENG 411-412 Writing Prose Fiction *Six Credits*
Analytical study and production of the creative forms of prose, particularly the short story.

ENG 413 Chaucer *Three Credits*
A detailed examination of the love visions, the *Troilus and Criseyde*, and the *Canterbury Tales*.

ENG 415 Shakespeare *Three Credits*
A study of Shakespeare's art and development through a reading of representative comedies, histories, and tragedies.

ENG 417-418 Masterpieces of European Literature *Six Credits*
Reading of the principal works of several of the major writers in Western Civilization, including Homer, Virgil, Dante, Cervantes, Rabelais, Ibsen, Dostoyevsky, Tolstoy, and Mann.

ENG 419 The Twentieth Century European Novel *Three Credits*
A general survey of the development of the novel in contemporary Europe.

ENG 420 Twentieth Century European Drama

Three Credits

A general survey of the development of drama in contemporary Europe.

ENG 490 Senior Research Project

Three Credits

Senior English majors may apply to pursue a program of reading and research in either semester on a major literary figure trend in English or American literature under the direction of a member of the department.

HISTORY AND POLITICAL SCIENCE

ROSCOE BALCH, *Professor*

YUAN CHUNG TENG, *Associate Professor*

LOUIS ZUCCARELLO, *Associate Professor*

CAROLYN C. LANDAU, *Assistant Professor*

PETER O'KEEFE, *Assistant Professor*

VINCENT TOSCANO, *Assistant Professor*

JOHN G. WHITE, *Assistant Professor*

JOSEPH M. NORTON, *Instructor*

WILLIAM C. OLSON, *Instructor*

LEWIS HOWARD, *Lecturer*

Major Field Requirements. The requirements for a major in history are HIST 101, 102, 201, 202, as well as eight other courses (24 credit hours) in the department. These courses must include at least one semester in American, European, and Asian history as well as a course in political science. While history majors are encouraged to take political science courses, a maximum of six credit hours, including the required course, in political science will be credited toward the history major. The credit hours over six may be taken as electives. History majors are advised to select electives from areas allied to their field (economics, sociology, and anthropology). The recommended languages for students majoring in history are French, German, Spanish, and Russian. Normally students expecting to go on to graduate school should

achieve a reading knowledge of French or German. History majors are required to take the Advanced Test in History of the Graduate Record Examinations during their senior year.

The requirements for a major in political science are P.S. 200; 24 additional credit hours, including one course in each of the following areas: political theory, American Government, and comparative *or* international politics. Nine credit hours of related courses are also required and must be selected from the following: BUS 303; ECON 303; ANTH 201; ANTH 202; SOC 103, 104; PHIL 406, 408. PSYC 103 and MATH 205 are strongly recommended but not required. The recommended languages for students majoring in political science are French, German, Spanish, and Russian. Normally, students expecting to go on to graduate school should achieve a reading knowledge of French or German. Political science majors are required to take the Advanced Test in Political Science of the Graduate Record Examinations during their senior year.

GENERAL COURSES:

THE GROWTH OF WESTERN CIVILIZATION

HIST 101 Medieval Period, The Creation of Europe, 300 A.D.-1300 A.D.

Three Credits

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 the English Parliament.

HIST 102 Early Modern European Period, 1300-1800, An Age of Expansion and Revolution

Three Credits

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.

HIST 201 America and the World in the Nineteenth Century, a Time of Consolidation and Expansion *Three Credits*

The Industrial Revolution. Consolidation of the American state and reestablishment of the old order in Europe; liberal and democratic movements, mid-century revolutions in the Americas and Europe, reconstruction and the establishment of new states. East, West, and Africa meet in colonial relationships.

HIST 202 America and the World in the Twentieth Century, An Era of Crisis and Hope *Three Credits*

The first World War, the Russian Revolution, the League of Nations, clashes between democracy and fascism, the Great Depression, the Second World War, the United Nations, intellectual and spiritual crises of modern man, the Cold War, the emerging nations.

SPECIALIZED COURSES

HIST 300 The Ancient East *Three Credits*

A study of the beginnings of civilized life in the valleys of the Nile, Tigris-Euphrates, and Indus. Terminating in the Fifth Century B.C., the course lays stress on the religious and intellectual contributions of these societies.

HIST 301 Ancient Greece *Three Credits*

Growth and conflict of the city states, the development of the Greek mind, the Hellenistic era; concentration is on Athens in the Fifth Century B.C.

HIST 307 Ancient Rome *Three Credits*

The development of the Roman character, of the Roman law and other Republican institutions, the rise and fall of the Roman Empire.

HIST 308 Byzantine and Arabic Civilization *Three Credits*

Studies the blending of Greek, Roman, and Oriental traditions with Christianity to form a distinct culture in the Byzantine Empire and the revival of the Near East under the influence of Islam. Chronologically the course is bounded by the founding of the East Roman Empire (395 A.D.) and the fall of Constantinople (1453 A.D.).

HIST 330 Empire and Papacy *Three Credits*

A survey of the history of the Holy Roman Empire from the Ninth to the Fourteenth Century with particular emphasis on the Hilderbrandian Reform and the Papal Hohenstauffen controversy.

HIST 331 The Feudal Monarchies *Three Credits*

The development of political institutions in Western Europe between the Tenth and Fifteenth Centuries with particular emphasis upon church-state relations and the development of the English and French states.

HIST 335 Medieval Monasticism and Its Influences *Three Credits*

Study of the rise of monasticism and of its impact upon society and government in the Middle Ages.

HIST 340 Renaissance and Reformation *Three Credits*

Investigation of origin and spread of Renaissance and Reformation movements throughout Europe, up to 1648.

HIST 345 Medieval Art and Architecture *Three Credits*

A survey of the four great styles of art and architecture as they developed during the medieval period, with due regard to the differences of locale, regional, and even national expressions within the styles. An effort will be made to see through the art to the culture which produced it.

HIST 350-351 Constitutional History of England

Six Credits

A survey of English constitutional and legal history from the Sixth to the Twentieth Centuries, with particular emphasis on select institutions.

HIST 355 History of Modern Asia I *Three Credits*

This course covers the period from the coming of the Europeans in the Fifteenth Century to the eve of World War I. The emphasis will be put on the reactions of Asians to the Western impact on their ways of life.

HIST 356 History of Modern Asia II *Three Credits*

Covers the period from World War I to the present, with the emphasis on the interplay of nationalism and communism and on the American relations with Asian countries in this century.

HIST 360 History of India *Three Credits*

A survey of the civilization of India from the earliest times to the modern period. Political, social, economic, and religious developments of India.

HIST 361 History of China *Three Credits*

A survey of the civilization of China from the earliest times to the modern period. Political, social, economic, and religious developments.

HIST 365 History of Central Asia *Three Credits*

A survey of the history of this area as a crossroad of four civilizations and a study of its developments from ancient times to the modern period. The area covers the five present-day Muslim Soviet Socialist Republics of Turkmenistan, Uzbekistan, Tadzhikistan, Kirgiziya, and Kazakhstan; the Chinese province of Sinkiang; and the northern slopes of Hindu Kush in Afghanistan.

**HIST 375 Nationalism and Communism
in Modern China** *Three Credits*

Also listed as P.S. 313

A study of the interaction of the two movements of nationalism and communism in Twentieth Century China.

HIST 380 History of Russia I *Three Credits*

A survey of Russia's historical development from the establishment of Kievan Rus to the reign of Alexander III, with an emphasis on the emergence of Muscovy, reigns of Peter I and Catherine I, and the social and political development of the Nineteenth Century.

HIST 381 History of Russia II *Three Credits*

This half traces the evolution of Russian communism reigns of Alexander III and Nicholas II, and the Russian Revolution of 1917.

HIST 382-383 History of the Soviet Union *Six Credits*

A study of 20th Century Russia encompassing the following: the February and October Revolutions; the Civil War; N.E.P.; the Five-Year Plans; the Nationalities and Russian Culture; Stalin's Purges; World War II; the Cold War; De-Stalinization; Khrushchev and the Thaw; the Communist World and the West; Brezhev and Kosygin.

HIST 395 The Diplomatic History of Early Modern Europe *Three Credits*

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.

HIST 398 French Revolution and Napoleon *Three Credits*

Traces the French Revolution from its causes to its culmination in the dictatorship of Napoleon.

HIST 401 Europe in the Seventeenth Century *Three Credits*

A study of the development of France in the Seventeenth and early Eighteenth Centuries; particular emphasis will be placed on selected problems regarding France's internal development as well as her position on the continent and in the world.

HIST 402 Europe in the Eighteenth Century *Three Credits*

A study of England in the Eighteenth and early Nineteenth Centuries, with particular emphasis on the development of Parliamentary government as well as selected problems regarding England's position in the world at that time.

HIST 403 Europe in the 19th Century *Three Credits*

A survey beginning with Napoleonic Europe, covering the rise of the liberal movement in England and on the continent, the mid-century revolution, stabilization of the state and problems of the European state system at the end of the century.

HIST 410 Modern Germany from Bismarck to Hitler *Three Credits*

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 militar-

ism. Germany and World War I. The Versailles Settlement and the problems under the Weimar Republic. Hitler and the roots of the Nazi Ideology.

HIST 415 American Middle Period, 1789-1845 *Three Credits*

A concentration on the problems, the formation of the republic, the growth of the republic until the period just prior to the outbreak of the Civil War; emphasis will also be placed on the expansion of the American nation to the west.

HIST 420-421 Black America I-II *Six Credits*

A detailed examination of the Negro participation in the cultural, economic, political, and social development of America. The course will start with the African backgrounds and will go up to the present.

HIST 423 Early American History—Seminar *Three Credits*

A closer investigation of selected topics in colonial and early national history, with emphasis on the history of the Hudson Valley and early New York State.

HIST 425 Civil War and Reconstruction *Three Credits*

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.

HIST 427 Westward Expansion *Three Credits*

The course acquaints the student with the men who opened the West from 1804 to the closing of the frontier, with the conditions which characterized the trappers', the miners', and the farmers' frontier, and with the continuing influence of the West on American life.

HIST 431 American Colonial History *Three Credits*

A comprehensive view of economics, social, and cultural foundations of American life, with special attention to the conditions peculiar to New York and New England.

HIST 440 The Progressive Era *Three Credits*

A study of the political, social, intellectual, and economic scene in the United States, from the 1890's to the 1920's. Emphasis is placed on the various reforms—Populist, New Nationalism, New Freedom—and their effects at the municipal, state, and national level.

HIST 441 Seminar on the Franklin D. Roosevelt Era *Three Credits*

Roosevelt's apprenticeship for the White House. The emergence of the New Deal: its nature and significance. The phases of the New Deal, including the personalities, agencies, and laws which provided for relief, recovery, and reform. Roosevelt as the Good Neighbor and as Commander in Chief during World War II. The legacy of the Roosevelt Era.

HIST 442-443 History of the Presidency of the United States I-II *Six Credits*

Also listed as P.S. 307-308

An analytic and historical study of the office and the powers of the President of United States. An investigation of the development of the many roles of the chief executive and his relationship with the other branches of the American governmental system. An historical examination of the presidencies of those who have contributed to the making of the modern presidency.

HIST 444 Franklin D. Roosevelt Summer Institute *Six Credits*

The description of the course outline is similar, but in greater depth, to the Roosevelt Seminar History 441. The

Institute will be set up on a seminar-research basis. A coordinator will direct it at both the College (seminar) and at the Roosevelt Library (research). A research paper utilizing the archival materials (presidential papers) will be required. The Institute will include discussions with scholars engaged in research and surviving friends and acquaintances of President Roosevelt. Available audio-visual aids will be utilized; these will include film strips and records of the Roosevelt Era. Field trips to a number of places of historical interest in the Mid-Hudson area will be planned.

HIST 453 American Issues and Problems *Three Credits*

This course will focus attention on selected problems of contemporary America and analyze each in an historical framework, e.g., The Right of Dissent, American Racism, Foreign Relations: Neutrality, Isolation, etc.

HIST 460-461 Problems of Latin American History *Six Credits*

A study of selected problems in the development of the Latin American republics. Emphasis will be placed on the Twentieth Century and particularly the problems of Latin American relations with the United States.

HIST 500 Research Seminar *Three Credits*

In seminar and/or tutorial sessions students will become better acquainted with the tools of historical research and the authorities and significant trends of the particular field. A student will be expected to demonstrate his ability to write a well researched paper. Permission of the instructor is required.

POLITICAL SCIENCE

P.S. 200 Introduction to Political Science *Three Credits*

The fundamental aspects of political inquiry; nature of

political process; political structures and functions; concepts of political stability and order; change and transition; political behavior.

P.S. 301 Political Theory I *Three Credits*

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, of representation and church-state relations.

P.S. 302 Political Theory II *Three Credits*

A study of selected theorists and theories of the period; emphasis will be placed on Marxism, fascism, liberalism, conservatism, and present day developments in political thought.

P.S. 303 American National Government *Three Credits*

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.

P.S. 304 American State and Urban Politics *Three Credits*

A study of the processes through which individuals and groups affect the decision-making process on the state and local level. The major issues confronting local areas are also considered. Emphasis will be placed on an analysis of urban politics.

P.S. 305 Issues in American Constitutional Law *Three Credits*

A basic introduction to principles of American Constitutional Law. The course will seek to illustrate the development of these principles by reference to significant modern issue areas, i.e., civil liberties, segregation, federalism.

P.S. 306 Political Parties and Pressure Groups *Three Credits*

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.

P.S. 307-308 History of the President of the United States I-II *Six Credits*

Also listed as HIST 442-443

An analytic and historical study of the office and the powers of the President of the United States. An investigation of the development of the many roles of the chief executive and his relationship with the other branches of the American governmental system. An historical examination of the presidencies of those who have contributed to the making of the modern presidency.

P.S. 311 Comparative Political Systems: Developing Areas *Three Credits*

An introduction to principles of comparative study in politics. The course will deal with an analysis of political culture, structure, and problems of non-Western areas.

P.S. 313 Nationalism and Communism in Modern China *Three Credits*

Also listed as HIST 375

A study of the interaction of the two movements of nationalism and communism in Twentieth Century China.

P.S. 315 Comparative Political Systems I: Great Britain and Western Europe *Three Credits*

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.

**P.S. 316 Comparative Political System II:
USSR and Eastern Europe** *Three Credits*

Analysis of the European Communist model in comparative political systems, with primary emphasis on the USSR and selected Eastern European variants. Inquiry into the relationship between ideology and experience in political culture.

**P.S. 317 Comparative Political Systems III;
Politics of Development** *Three Credit*

Theory of comparative political systems and development. Analysis of political structure and problems of development of non-Western government, involving selected Asian and African experience.

P.S. 320 International Politics *Three Credits*

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.

P.S. 321 International Law and Organization *Three Credits*

Development of international institutions, structure functions and processes with emphasis on United Nations systems; study of nature, source, and function of international law.

P.S. 331 Political Culture *Three Credits*

Examination of cultural and behavioral patterns characteristic of political society. The course will study such phenomena as political socialization, political conflict and consensus, the interaction of competing values within the polity.

P.S. 332 Contemporary Political Ideologies *Three Credits*

Analysis of modern political belief systems and doctrine, and their role in the functioning of political systems. Emphasis is on contemporary aspects of democracy, fascism and communism, and current variants of liberalism, conservatism, right-wing extremism and the "New Left."

P.S. 401-406 Work Internship in Political Science
One to Six Credits

Selected students engage in work experiences with government and political agencies. Work in the agency, readings and a semester project constitute the bases of the experience. Course credit will be assigned according to the nature of the internship. Permission of the faculty supervisor is required for admission to this course.

CLASSICAL LANGUAGES

JOSEPH ROBERT LECLERC, *Professor Emeritus*
THOMAS MAESTRO, *Assistant Professor*

GRK 101-102 Elementary Greek *Six Credits*

This intensive course in Attic morphology, vocabulary, and syntax aims to provide the student with a solid foundation.

**GRK 201-202 Selections in Greek Prose and
Poetry** *Six Credits*

Reading of excerpts from the best Greek authors, emphasizing grammar and vocabulary.

LAT 101-102 Elementary Latin *Six Credits*

An intensive systematic study of Latin grammar. No previous knowledge of Latin required.

LAT 103-104 Intermediate Latin *Six Credits*

Intensive review of grammar with the reading of many short excerpts from ancient authors.

LAT 201-202 Selections in Latin Prose and Poetry *Six Credits*

A variety of reading selections through which the student may become acquainted with some of the best Latin literature: selections from Catullus, Cicero, Lucretius, Virgil, Horace, Livy, Ovid, etc.

LAT 203 Hymns of the Church
(From the Liturgy) *Three Credits*

Study of the text, with a comparison of the rhythms with those of the Classical Period. Appreciation of the poetic qualities of the hymns in the various ages.

LAT 204 Church Latin *Three Credits*

Readings in the Liturgy and in the writings of the Fathers of the Church—comparing the vocabulary and the grammar with Classical usage.

LAT 301 Readings in Livy *Three Credits*

Readings in Bks. I and XXII of Livy with a discussion of his style and historical methods and accuracy.

LAT 302 Tacitus Agricola and Germania *Three Credits*

Reading of the text and a discussion of the peculiarities of style and the historical value of the writings of Tacitus.

LAT 303-304 The Fasti of Ovid *Six Credits*

Study of the text with appreciation of the art of Ovid in story telling and in his vivid description of various situations.

LAT 305-306 Epic and Narrative Poetry *Six Credits*

Epic and narrative poetry as exemplified in Virgil and Ovid. Elementary appreciation of the art of each author.

LAT 307-308 St. Jerome's Letters *Six Credits*

Reading of important letters of St. Jerome with a discussion of his style, versatility, and ideas on ascetic life.

LAT 401-402 Logoeedic Rhythms in Horace
and Catullus *Six Credits*

Studying examples of all the rhythms found in Horace and Catullus, coupled with a discussion of the aims and the art of each poet. A memory gem should fix each rhythm in the mind of the student.

LAT 403-404 Cicero-DeAmicitia. Selected Letters
Six Credits

A careful study of Cicero's grammar and rhetoric in his philosophical "DeAmicitia" and a comparison of the same with the various examples found in a selection of his letters.

LAT 405-406 St. Augustine's "Confessions"
and "DeCivitate Dei" *Six Credits*

Study of the text with discussions of the philosophy and the style of the author.

LAT 407-408 Survey of Latin Prose and Poetry *Six Credits*

The history of Latin literature of both the Republic and the Empire; translation and appreciation of selections from the more important authors.

MODERN LANGUAGES

GERARD R. WEISS, *Professor, Chairman*
JOSEPH L. BELANGER, *Associate Professor*

MAURICE G. BIBEAU, *Assistant Professor*
 FRANCOISE B. GREGG, *Assistant Professor*
 JULIAN M. LAMA, *Assistant Professor*
 CASIMIR NORKELIUNAS, *Assistant Professor*
 JEAN-PIERRE MIGLIORI, *Instructor*
 MARION BOLTON, *Lecturer*
 SIGRID BRANDIS, *Lecturer*
 TINA M. GIOIELLI, *Lecturer*
 MARIO RUGGERI, *Lecturer*
 MIRIAM SWIDLER, *Lecturer*

Major Field Requirements. A student may select a major field of study in either French or Spanish. Students wishing to do so, and at the same time qualifying for the Marist Abroad Program, may select a major field in German, Italian, or Russian, and earn their major credits abroad.

The student must complete a minimum of thirty credit hours in his major language beyond the basic core requirement. Teacher Education students are required to complete only twenty-four credit hours in these major language courses.

The division of major-level courses is as follows:

Language skills—6 credit hours
 Civilization—6 credit hours
 Literature—15 credit hours
 Seminar—3 credit hours

Language majors who intend to teach must take a course in methods of teaching foreign languages (EDUC 376). A four semester study of a second foreign language is highly recommended for language majors.

A thesis will be written in conjunction with the senior seminar. It is intended to demonstrate the student's ability to do basic research and personal critical analysis.

Before graduation, language majors must demonstrate their proficiency in the language as a medium of communication.

Therefore, no candidate will be recommended for graduation who is deficient in the basic skills of understanding, speaking, reading and writing. In addition, the language major will be tested on his overall grasp of the civilization and literature of his field. Accordingly, all language majors must take Battery A of the Modern Language Association Foreign Language Proficiency Test. In addition, all language majors are required to take either Battery B of the above test or the Graduate Record Examination.

Students in the Teacher Education program are strongly urged to spend a semester or a full year in a country where the language of their major is spoken.

FREN 101-102 Elementary French *Six Credits*

The elements of basic French pronunciation, essentials of grammar, vocabulary building, original sentence construction. Reading of graded selections of French prose and verse.

FREN 103-104 Intermediate French *Six Credits*

The elements of basic French pursued more intensely and thoroughly.

FREN 205-206 Advanced French *Six Credits*

Extensive use of idiomatic French in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language.

FREN 207-208 Major French Writers *Six Credits*

A survey of major French literature from the *Chanson de Roland* to the novels of F. Mauriac. Intended for non-French majors.

FREN 301 Medieval and Renaissance Literature *Three Credits*

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*, Villon, Rabelais, Ronsard, Montaigne.

FREN 302 Classical and Neo-Classical Literature

Three Credits

A survey of French literature in the Seventeenth and Eighteenth Centuries. Acquaintance in some depth with: Corneille, Moliere, Racine, Pascal, Voltaire, Rousseau.

FREN 303 Backgrounds of French Civilization *Three Credits*

The geography of France. The characteristic developments in French history, government, art, science, and religion up to 1914.

FREN 304 Contemporary French Civilization *Three Credits*

Considerations on French family, religious, educational, political, and social life since World War I. The nature of Frenchmen. The commitments of France today.

FREN 311-312 French Grammar and Composition

Six Credits

Thorough grounding in advanced grammar. *Analyse logique et grammaticale*. Grammatical analysis of literary texts. Writing by imitation. The *explication de texte*, the *dissertation*. Creative writing.

FREN 313 The Romantic Movement: 1800-1850

Three Credits

The characteristics of French Romanticism exemplified by Lamartine, Hugo, Vigny, Musset; Stendhal, Balzac; Sainte-Beuve. Pre-romanticism as seen especially in Chateaubriand.

FREN 314 Realism to Symbolism: 1850-1895 *Three Credits*

The Parnassian Movement. Realism and naturalism in Flaubert, Zola, Maupassant, Becque. Literary criticism of

Taine, Poetry of Baudelaire, Rimbaud, Verlaine, Mallarme.

FREN 315 Phonetics

Three Credits

Advanced work in phonetics, rhythm and intonation, transcription. Oral interpretation and recording of prose and poetry.

FREN 316-317 Advanced Conversation

Six Credits

Free conversation based on topics of daily life and cultural interests.

FREN 401 Contemporary French Literature to 1939

Three Credits

A survey of the major writers and movements up to World War II; acquaintance in some depth with Peguy, Valery, Claude; Gide, Proust; Giraudoux.

FREN 402 Contemporary French Literature Since 1939

Three Credits

A survey of the major contemporary writers and movements since World War II; acquaintance in some depth with Malraux, Mauriac, Sartre, Camus; Montherlant; St. John Perse.

FREN 423 French Poetry

Three Credits

A study of the content and form of French lyric poetry. Readings in representative authors of various periods.

FREN 424 French Drama

Three Credits

A survey of French dramatic production from its origins to the beginning of the Twentieth Century, exclusive of Corneille, Racine, and Moliere.

FREN 425 The French Novel

Three Credits

A survey of French novel writing from its origins to the beginning of the Twentieth Century.

FREN 450 Seminar *Three Credits*

Intensive study of one movement, author, or literary characteristic. Offered in conjunction with the preparation of the student's thesis.

GERM 101-102 Elementary German *Six Credits*

Designed to enable students to acquire a reading knowledge of German as rapidly as possible. Grammar, vocabulary building, conversation are based on the reading of simple modern stories.

GERM 103-104 Intermediate German *Six Credits*

Brief review of major structural elements. Study and oral practice of common vocabulary and idiomatic usages to facilitate the writing and speaking of basic German. Analytic reading of moderately difficult to difficult prose selected from the masters and designed to introduce the student to the main chapters of German literature.

GERM 111-112 Scientific German *Six Credits*

A course designed to give science and math majors a reading knowledge of German. Extensive reading of German scientific texts.

GERM 207-208 Major German Writers *Six Credits*

A study of major German literature from the Nibelungenlied to the outstanding works of the contemporary authors.

ITAL 101-102 Elementary Italian *Six Credits*

The course stresses the fundamentals of grammar; the acquisition of a broad, basic vocabulary, including common idiomatic expressions; conversation, elementary composition, reading.

ITAL 103-104 Intermediate Italian *Six Credits*

Selected readings of Italian authors and conversational practice are stressed.

ITAL 205-206 Advanced Italian *Six Credits*

Extensive use of idiomatic Italian in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language.

RUSS 101-102 Elementary Russian *Six Credits*

Russian alphabet and script, elementary grammar, pronunciation, reading, and conversation. Emphasis will be placed on rapid acquisition of reading skill.

RUSS 103-104 Intermediate Russian *Six Credits*

An all-encompassing review of grammar and further study of the imperfective and perfective aspects of the verb are to be undertaken. Reading of Russian history and literature will provide material for class discussion and vocabulary building.

RUSS 205-206 Advanced Russian *Six Credits*

Extensive use of idiomatic Russian in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language.

**RUSS 207 Masterpieces of Russian Literature
in Translation I** *Three Credits*

A survey of Russian literature from its origins through the 19th century. Main emphasis placed on the works of Pushkin, Lermontov, Gogol, Goncharov, and Turgenev.

**RUSS 208 Masterpieces of Russian Literature
in Translation II** *Three Credits*

Study of Dostoevsky and Tolstoy. Examination of 20th

century classicists: Bunin, Blok, Pasternak, Sholokhov and others.

SPAN 101-102 Elementary Spanish *Six Credits*

The audio-lingual approach to language study is used in the acquisition of the basic skills of understanding, speaking, reading, and writing Spanish. The classroom period is supplemented by intensive practice in the language lab.

SPAN 103-104 Intermediate Spanish *Six Credits*

Continuation of the elementary course with the emphasis gradually shifting to reading and writing.

SPAN 205-206 Advanced Spanish *Six Credits*

Extensive use of idiomatic Spanish in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language.

SPAN 303-304 Hispanic Civilization *Six Credits*

The cultural development of the Hispanic world through the study of its history, geography, literature, and fine arts. The first semester deals with Spain and the second with Latin America.

SPAN 313-314 Spanish Composition *Six Credits*

Designed particularly for Spanish majors, this course offers intense written practice in Spanish on topics pertinent to the study of the Hispanic world.

SPAN 315-316 Advanced Conversational Spanish *Six Credits*

Designed particularly for Spanish majors, the topics of conversation will center around the culture, history, and literature of the Hispanic world.

SPAN 321-322 Spanish Literature: Origins to 1700 *Six Credits*

Medieval literature, the Renaissance, Golden Age prose and poetry.

SPAN 323 Spanish Literature: 1700-1898 *Three Credits*

Neo-classicism, Romanticism, Realism.

SPAN 324 Contemporary Spanish Literature *Three Credits*

Generation of 1898 to the present.

SPAN 405 Golden Age Drama *Three Credits*

A detailed study of representative plays of Lope de Vega, Tirso de Molina, Calderón, and several other dramatists of this period.

SPAN 406 Cervantes *Three Credits*

The life and writings of Cervantes with a detailed study of the *Quijote*.

SPAN 431-432 Spanish American Literature *Six Credits*

A survey of the major trends in the literature of Spanish America.

SPAN 450 Seminar *Three Credits*

Intensive study of one movement, author, or literary characteristic. Offered in conjunction with the preparation of the student's thesis.

MATHEMATICS

LOUIS ALPERT, *Assistant Professor, Chairman*

KEVIN CAROLAN, *Associate Professor*

JOSEPH M. RODGERS, *Assistant Professor*

JOHN BRODERICK, *Instructor*

JOHN LUMIA, *Instructor*
JOHN RITSCHDORFF, *Instructor*
LEOPOLDO TORALBALLA, *Adjunct Professor*
LINUS R. FOY, *Lecturer*

Major Field Requirements. The requirements for a major in mathematics are a minimum of thirty credit hours of mathematics in courses numbered 300 or above. Students in the Teacher Education program are required to complete a minimum of 27 credit hours of mathematics in courses numbered 300 or above. In addition to general college requirements, the Advanced Test in Mathematics of the Graduate Record Examinations must be taken during senior year.

MATH 100 Computer Science *Three Credits*

An introductory exposure to the terms, languages, concepts, logic, and related disciplines involved in computer technology.

MATH 105 Modern Mathematics *Three Credits*

Provides a comprehensive overview of the methods and topics of modern mathematics. Emphasis is on readings and understanding, manipulative skill being used only as an essential tool for proper understanding of the subject. Topics include: set theory, mathematical logic, mathematical systems, applications.

MATH 106 Modern Mathematics *Three Credits*

Considers such topics as: set theory, probability theory, vectors and matrices, linear programming and the theory of games, introduction to the calculus, applications.

MATH 107 Analysis I *Three Credits*

Introduction to functions, limits, and continuity. The elements of differentiation and integration.

MATH 108 Analysis II *Three Credits*

Transcendental functions, their derivatives and related integrals, the conics, polar coordinates, methods of integration, applications of integration.

MATH 115-116 Computer Mathematics *Six Credits*

Selected topics in intuitive calculus and in finite mathematics, including linear equations and inequalities, logic and probability. The computer will serve as a focal point to extend the student's knowledge of mathematics.

MATH 205 Introductory Statistics *Three Credits*

Description of sample data, simple probability, the binomial and normal curves, estimation and testing of hypotheses, correlation and regression, the Chi-squared distribution.

MATH 207 Analysis III *Three Credits*

Solid analytic geometry, infinite series, partial derivatives, multiple integration, vectors and vector spaces, eigenvalue problems.

MATH 301 Differential Equations *Three Credits*

First order and higher order linear differential equations; systems of linear equations, applications. Infinite series and series solutions; Laplace transform. [Not for math majors.]

MATH 305-306 Mathematical Analysis *Six Credits*

The Real and Complex Number Systems. Basic point set theory. Limits and continuity. Differentiation. Partial differentiation. Theory of Riemann-Stieltjes Integration. Multiple Integrals and line integrals. Vector Analysis. Differential Geometry. Infinite series. Improper Integrals. Fourier series and Fourier integrals.

MATH 311 Abstract Algebra *Three Credits*

Set theory. The real and complex number systems. Integral domains, fields and groups. Survey of such abstract structures as linear algebras, rings and Boolean algebra.

MATH 312 Linear Algebra *Three Credits*

Abstract systems. Vector spaces and linear transformations. Matrices and matrix operations. Applications of matrices to linear equations. Characteristic value problems and quadratic forms.

Prerequisite or Co-requisite: MATH 207

MATH 313 Differential Equations for Math Majors *Three Credits*

The content of this course is more theoretical than MATH 301.

MATH 314 Foundations of Mathematics *Three Credits*

Mathematical systems, mathematical logic and proof, the real number system. History and Philosophy of Mathematics. Readings in mathematical literature.

MATH 341-342 Applied Mathematics *Six Credits*

Selected topics in at least four of the following: Application of Differential Equations; matrices; complex variables; Fourier series. Laplace transformations. Partial Differential Equations, Algebra and Calculus of vectors; numerical methods.

Prerequisite: MATH 301 or MATH 313

MATH 402 Complex Variables *Three Credits*

Continuity; differentiability; Cauchy-Riemann equations; analytic functions. Complex integration and Cauchy's theorem. Taylor's theorem. Taylor and Laurent series. Residue theory, conformal mapping, harmonic functions.

MATH 403-404 Probability and Statistics *Six Credits*

Probability. Distribution functions. Moments and moment generating functions. Regression and correlation. Sampling estimation. Testing of hypotheses. Design of experiments.

MATH 413 Numerical Analysis *Three Credits*

An introduction to the fundamental processes of numerical analysis. Ordinary finite differences; central difference and divided differences; numerical solution of equations; numerical approximations to derivatives and integrals; numerical solutions to ordinary differential equations; matrices and simultaneous linear equations.

Prerequisite, or Co-requisite: MATH 301 or MATH 313.

MATH 421 Fundamental Concepts of Geometry *Three Credits*

An introduction to the following areas of geometry: Euclidean geometry since the Renaissance, elementary transformation theory, Lobachevskian geometry, and projective geometry.

MATH 451 Seminar *Three Credits*

Consists of weekly meetings to discuss problems relating to projects undertaken by the students.

MATH 453 Elementary Topology *Three Credits*

An introduction to a few selected topics in topology: topological equivalence in three-dimensional space; maps on a sphere, the Jordan Curve theorem; the Jordan Curve theorem; topological transformation; topological spaces.

MATH 460-461 Advanced Topics in Mathematics *Six Credits*

Designed for pregraduate mathematics students. Content covered will depend on student and faculty interest, and will

be covered either by independent study, directed study, tutorials or seminars. Content will be from such areas as: Real Variable Theory, Topology, Modern Algebra.

PHILOSOPHY

EDWARD P. DONOHUE, *Assistant Professor, Chairman*

D. A. DRENNEN, *Professor*

ITALO BENIN, *Assistant Professor*

THOMAS CASEY, *Assistant Professor*

PHIL 203-204 Philosophical Thinking I-II *Six Credits*

An introductory survey of the principal men, movements, and modes of conceptualization that have shaped Western philosophical thought.

PHIL 301 History of Ancient Philosophy *Three Credits*

A study of the major themes that formed Western philosophical tradition from the time of the pre-Socratics to Plotinus.

PHIL 302 History of Medieval Philosophy *Three Credits*

The historical emergence of Latin, Greek and Islamic philosophy from the period of the Alexandrines to the Fifteenth Century.

PHIL 305-306 History of Modern Philosophy I-II *Six Credits*

An analysis of the movements of philosophical ideas in Europe from the Seventeenth Century through the Nineteenth Century will be the focus of the first semester. In the second semester, the analysis of these philosophical movements will be continued from the Nineteenth Century into the Twentieth Century.

PHIL 305 may be taken as an independent three credit course.

PHIL 307 History of American Philosophy *Three Credits*

A survey of the origins and significance of Nineteenth Century American philosophical ideas with special reference to the Pragmatists.

PHIL 311 Philosophy of Science *Three Credits*

Analysis of scientific knowledge, methodology, and procedures, together with consideration of contemporary notions of space, time, matter, causality, physical laws, and life phenomena.

PHIL 312 Philosophy of Religion *Three Credits*

An investigation of the philosophical issues regarding religious phenomena and the implications of religious experience.

PHIL 315 Philosophy of History *Three Credits*

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

PHIL 316 Aesthetics *Three Credits*

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

PHIL 318 Philosophy of Education *Three Credits*

This course is designed to aid the student in reflecting on the place and meaning of education in modern American society.

PHIL 401 Twentieth Century Philosophy I *Three Credits*

Historical consideration of classical philosophers of the Twentieth Century including Bergson, F. H. Bradley, and Royce.

PHIL 402 Twentieth Century Philosophy II *Three Credits*

A study of contemporary existentialism, phenomenology,

and language analysis, as well as the philosophers most representative of each school.

PHIL 405 Marx and Marxism *Three Credits*

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.

PHIL 406 European Social Thought *Three Credits*

An attempt to trace the development of European social thought in the Nineteenth Century, with particular emphasis on Hegel, Feuerbach, and Marx.

PHIL 408 American Social Thought *Three Credits*

A study of the religious and philosophical foundations of American social thought from the Puritans to the Pragmatists.

PHIL 453-454 Work-Study Seminar in Philosophy *Six Credits*

This course is designed to provide selected students the opportunity of participating in new learning experiences in philosophy as teaching assistants. Students enrolled in this course shall meet with groups of students in PHIL 203-204 in the role of discussion leaders and remedial instructors under the direction of the supervising professor. (Registration by approval of the administering professor)

PHYSICAL EDUCATION

HOWARD GOLDMAN, *Associate Professor, Chairman*

RONALD PETRO, *Assistant Professor*

WILLIAM AUSTIN, *Instructor*

PHED 101-102 Physical Education I-II *Two Credits*

Designed to develop and maintain physical fitness, over-

come physical deficiencies, and to develop social recreational skills. Students are expected to develop skill in activities in which they can participate during and after college years.

Required in freshman year for day division male students only.

PHED 201-202 Individual and Dual Sports *Two Credits*

Elective course for upperclassmen only. Designed to emphasize those activities suited to personal preference in recreation. Sports such as badminton, tennis, handball, and judo will be taught with emphasis on skill development and the theory involved in the activity. The student may elect the course for the full year, or at the discretion of the department elect to follow either semester.

PHED 211 Physiology of Health *Three Credits*

A study of the areas closely affecting the human organism in terms of his 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.

PHED 300 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 the various sports.

Fall semester only. No prerequisites.

PHED 301-302 Coaching Techniques *Two Credits*

Fall semester—Soccer and Basketball

Spring semester—Track and Baseball

A lab session meeting three times per week designed to be a practical application of PHED 300 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.

The student may enroll in either or both labs, or arrange with the department to take any two of the areas offered for the one credit.

PHED 300 is a co-requisite or prerequisite.

PSYCHOLOGY

DANIEL KIRK, *Professor, Chairman*

WILLIAM R. EIDLE, *Associate Professor*

EDWARD J. O'KEEFE, *Associate Professor*

Major Field Requirement. A student must complete a minimum of thirty hours of psychology courses over and above PSYC 103. The student should consult with his departmental adviser in the choice of electives. In the senior year the student must take the Graduate Record Examination in psychology.

In order to assist graduating psychology majors to clarify their educational and vocational plans a Work Experience Program was initiated in the spring semester of 1968. The program differs from an internship, field work, and conventional employment. After completing their course work in psychology the last-semester seniors are employed in local institutions under the supervision of qualified psychologists. The seniors receive a weekly salary and the training program coincides with the length of the spring semester and terminates prior to graduation. The requirements for the B.A. degree are completed by taking two elective courses in the evening. The program attempts to smooth the transition between campus living and the workaday world, while alleviating the shortage of psychology personnel in hospitals, schools, and industry.

PSYC 103 Introductory Psychology

Three Credits

A fundamental treatment of the basic facts and theories comprising the science of psychology; exploration of the nature, scope, and methods involved in the scientific investigation of human behavior, stressing such topics as learning, emotions, personality, sensation, and perception.

PSYC 209 Personality Development

Three Credits

A study of the genesis, organization and development of the ego from infancy to adolescence. The emphasis is on normal personality development and follows the conceptualizations proposed by Ausubel and other ego theorists.

PSYC 210 Personality Development and Psychopathology

Three Credits

A continuation of PSYC 209 in which deviations in ego development are studied. Includes extensive treatment of anxiety, conscience development and parent-child relationships. Implications of psychotherapy are considered.

Prerequisite: PSYC 209

PSYC 313-314 General Experimental Psychology

Six Credits

A comprehensive course comprising lectures and laboratory on the subject material and methods of experimental psychology. Specific attention is focused upon scientific investigation of such areas as sensation, perception, reaction time, association, attention, emotion, memory, and learning.

PSYC 329 Psychological Foundations of Learning

Three Credits

The major emphasis of this course is with the learner in the learning situation. Current psychological theories and practices, their influences, implications, and applications are reviewed. Other areas covered include the develop-

mental processes, the influence of personality and culture, and other relevant psycho-educational variables.

PSYC 340 Principles of Psychological Testing *Three Credits*

This course encompasses an intensive review of the procedures involved in the administration, scoring, and interpretation of both group and individual tests; a study of the major theories and techniques of intelligence, aptitude and proficiency testing; a survey of interest and preference tests; and an evaluation of personality and diagnostic tests.

PSYC 351 Educational Psychology *Three Credits*

Applied psychology in education; adolescent behavior problems; individual differences; the learning process; motivation; constructive discipline; measurement of intelligence and an evaluation as related to the educational processes.

Prerequisite: PSYC 103

Open only to students enrolled in the Teacher Education Program.

PSYC 352 Educational Testing *Two Credits*

A survey of the standardized psychological tests and techniques frequently used at the secondary school level. It also includes principles of construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

PSYC 409 Psychological Systems *Three Credits*

A study of the historical development of psychology as a science by detailed analysis of the various schools of thought, systems, and theories that have contributed to its growth. Attention is focused upon the philosophical roots of psychology as well as past and current trends in sensation, perception, learning and motivation.

PSYC 420 Applied Psychology *Three Credits*

The course attempts to present an integrated and comprehensive picture of applied psychology. Emphasis is placed on the specialized research methodologies that have led to significant contributions in such fields as: engineering, counseling, industry, commerce, and communications.

PSYC 429 Readings in Psychology *Three Credits*

The students are given an assigned list of readings that cover the major areas in psychology. Presentations and discussions are confined to each of the assigned primary sources.

PSYC 439 Physiological Psychology *Three Credits*

History of the Mind-Body Problem, and the mind-body relationship as it is understood today. Emphasis is on the nervous system, particularly the brain. Psychosomatic and somatopsychological problems are discussed.

PSYC 442 Bio-Chemical Basis of Behavior *Three Credits*

History and development of the mind-body relationship and a brief review of the nervous system. Particular emphasis is on the endocrine system and its effects on behavior. Psychosomatic and somatopsychological problems related to the function and disfunction of the endocrine system are discussed.

PSYC 450 Supervised Work Experience *Six Credits*

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.

PSYC 452 Supervised Research *Three Credits*

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.

PSYC 480 Seminar *Three Credits*

Attempts to review and integrate the material presented in the different psychology courses. It consists of weekly discussions directed by the members of the department.

RELIGIOUS STUDIES

FLORENCE MICHELS, *Associate Professor, Chairman*

RONALD PASQUARIELLO, *Assistant Professor*

LAURENCE SULLIVAN, *Assistant Professor*

R. RHYS WILLIAMS, *Assistant Professor*

AIDAN FLANAGAN, *Instructor*

FREDERICK LAMBERT, *Lecturer*

REST 114 Introduction to Scripture *Three Credits*

Introduction to biblical studies and survey of Old and New Testaments with special attention to contemporary application of biblical themes. Required reading of selected books of the Bible. Suggested for students with no previous background in biblical studies.

REST 116 Theology of Election *Three Credits*

A study of the key Biblical themes of Election and Covenant, the continuing encounter between God and Man in both the Old and New Testaments. For students with an introductory knowledge of the Scriptures.

REST 117 New Testament Theology *Three Credits*

A study of the basic themes of the New Testament and their impact on early Christians and contemporary man. For students with an introductory knowledge of Scripture.

REST 201 Theology of Encounter *Three Credits*

Man's search for God without revelation. Man's experience of revelation in his meeting with God in himself, his fellow man, and society.

REST 202 Theology of Response *Three Credits*

Consideration of basic moral principles. Multiple structuring of response to Christian vocation. Maturity of action and the notion of Law and individual freedom.

REST 203 The Church as Servant Community *Three Credits*

Study of a Church as a serving and worshipping community, from a biblical and contemporary point of view.

REST 204 The Mystery of Life *Three Credits*

A biblical and theological study of the human condition of contemporary man and the implications to the dialogue between God and man in Christian revelation.

REST 301 The Person Jesus *Three Credits*

A consideration of the Person Christ in an historical, biblical, and theological framework. Discussion of contemporary research on the subject.

Prerequisite: REST 117

REST 302 Religious Study of Man *Three Credits*

A study of contemporary man: his origins, his condition, his vision, and his destiny.

REST 303 Comparative Religions *Three Credits*

A comparative study of major western and oriental religions.

REST 304 Contemporary Judaism *Three Credits*

A study of current Jewish thought as expressed in the writings of major Jewish religious thinkers.

REST 310 Faith and Human Experience *Three Credits*

A probing analysis from an interdenominational viewpoint of the theological, historical, and phenomenological approaches to faith, as developed within the most vital currents of modern theological thought.

REST 311 Contemporary Religious Education *Three Credits*

Approaches to religious education in the family, the neighborhood, the nation, and the world.

REST 312 Comparative Christian Theology *Three Credits*

A study of the evolution of theological thought from the Reformation to the twentieth century, including discussion of all Christian churches, with special emphasis on Protestantism.

REST 404 Contemporary Moral Problems *Three Credits*

Discussion of readings on significant socio-moral issues from a broad spectrum of sources.

Prerequisite: REST 202

REST 406 Sources and Resources in Religious Education *Three Credits*

An in-depth study of the principles of religious education: the notions of person, revelation, faith, the church, and sacrament. It will study the relationship between human experience and religious experience to determine the usefulness of drawing upon the former to create the latter.

Prerequisite: REST 311

REST 407 Theological Themes in Contemporary Literature *Three Credits*

An interdisciplinary study of significant themes in contemporary literature and their relationship to man and the human situation.

REST 421 Marriage and the Family *Three Credits*

Positive values in marriage studied within a scriptural and theological framework. Considerations of practical and moral aspects of marriage and family life.

REST 433 Man's Search for Meaning *Three Credits*

Man's search for meaning in modern life. Discussion based on selected books concerning critical areas of the life cycle as calling for a religious response.

REST 481 Layman in the Church *Three Credits*

Consideration of the layman as prophet, priest, and leader in the contemporary world.

Prerequisite: REST 203

See also: AAST 221 Islamic Thought and Culture, and AAST 325 Iranian Culture and Civilization.

NATURAL SCIENCE

GEORGE B. HOOPER, *Professor, Chairman of the Division*

BIOLOGY

GEORGE B. HOOPER, *Professor*
JOSEPH S. BETTENCOURT, *Assistant Professor*
WILLIAM T. PERROTTE, *Assistant Professor*
HUGH TURLEY, *Assistant Professor*

Major Field Requirement: A primary prerequisite for a student to major in biology is interest in the discipline. Realizing that there are differences in student backgrounds, aptitudes and goals, an individual's schedule of courses is worked out with the adviser. The adviser is assigned from the biology faculty and remains as the adviser throughout the student's four years at Marist. It must be understood that interest alone does not guarantee success; that it is the responsibility

of the student to make effective utilization of the opportunities and courses offered by the department.

BIO 201-202, 203-204 and CHEM 101-102, 103-104 are required of all freshmen. It is the responsibility of the student to progress satisfactorily if he/she is to maintain status as a major in biology. An evaluation of each student's progress is made at the end of the freshman year by the entire biology faculty. Following a second evaluation at the end of the first semester of the sophomore year, each student receives a departmental recommendation regarding continuation in biology as a major field.

Upperclass students are required to take a minimum of 24 credit hours in biology beyond freshman biology and chemistry. CHEM 203-204, 205-206, PHYS 205-206, 207-208 and MATH 107-108 (or 107, 205) are necessary prerequisite courses for students preparing for graduate, medical or dental school. CHEM 305-306 and/or CHEM 401 may be taken for biology credit providing prerequisite courses have been taken and the consent of the adviser is obtained.

BIO 101 Topics in Biology *Three Credits*

A course designed for the non-science major. Approximately twenty topics relevant to central biological principles and their application in today's society are discussed.

BIO 201-202 General Biology I-II *Six Credits*

An introduction to biological structure, function, diversity, and adaptation at the level of the cell, organism, population, community, and ecosystem.

Three hours lecture. Two semesters.

BIO 203-204 General Biology Laboratory *Two Credits*

Exercises in biological technique at the molecular, cellular and organismal level.

Three hours laboratory per week. Two semesters.

BIO 207 Botany *Four Credits*

An introduction to basic interrelationships of plant structure, function, growth, and reproduction.

Three hours lecture, three hours laboratory per week. One semester.

BIO 303 Embryology *Four Credits*

A study of the principles of growth and development in vertebrates. Emphasis in laboratory is placed on amphibian and chick development.

Prerequisite: BIO 201-202

Two hours lecture, four hours laboratory per week. One semester.

BIO 304 Cellular Biology *Four Credits*

A study of cell structure and function. Laboratory exercises demonstrate histological principles and microtechnique procedures.

Prerequisite: BIO 201-202

Three hours lecture, three hours laboratory per week. One semester.

BIO 305 Genetics *Four Credits*

A study of principles and theories of inheritance. Classical as well as recent studies are discussed. Laboratory exercises center around the study of fruit fly inheritance, taxonomy, and ecology.

Prerequisite: BIO 201-202

Three hours lecture, three hours laboratory per week. One semester.

BIO 307 Ecology *Four Credits*

A study of the interrelations between organisms and their environments with emphasis on field techniques.

Prerequisite: BIO 201-202

Three hours lecture, three hours laboratory per week. One semester.

BIO 308 Invertebrate Zoology *Four Credits*

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.

Two hours lecture, four hours laboratory per week. One semester.

BIO 310 Cell Physiology *Four Credits*

A presentation of modern topics of cellular function. Cellular enzymes, nucleic acids, the cell cycle, and cellular radiobiology are the major topics studied. Control and regulatory mechanisms are taken as the central theme.

Prerequisite: BIO 201-202, CHEM 203-204

Three hours lecture, three hours laboratory per week. One semester.

BIO 312 Junior Project *One Credit*

Required of all juniors. Techniques of literature research and scientific writing are developed. A topic mutually agreed upon between the student and a faculty member is researched from the biological literature and is terminated by the submission of a paper. It is anticipated that a problem discussed in the paper will stimulate an experimental solution during the senior year (Senior Research).

One semester.

BIO 402 Microbiology *Four Credits*

A study of microorganisms including their taxonomy, physiology, history, and importance of microbes to man. Emphasis is placed on bacteria.

Prerequisite: BIO 201-202, CHEM 203-204

Three hours lecture, three hours laboratory per week. One semester.

BIO 404 Evolution *Three Credits*

A study of evolution as a process including a review of the history of evolutionary thought.

Prerequisite: BIO 201-202

Three hours lecture. One semester.

BIO 405 Comparative Anatomy *Four Credits*

A comparative study of the organ systems of protochordates and vertebrates. Laboratory includes the dissection of the shark, necturus and cat.

Prerequisite: BIO 201-202

Three hours lecture, three hours laboratory per week. One semester.

BIO 406 Senior Research *Three Credits*

Seniors may elect to conduct a research project under faculty supervision. A minimum of six hours per week is to be spent on the project. Final evaluation is based on a written report that is submitted to the adviser.

BIO 407 Senior Seminar *One Credit*

Students present reports or prepared arguments on selected central or current biological themes. Class discussion or debate follows.

One hour per week. One semester.

BIO 409 Senior Research *Three Credits*

Identical to BIO 406 but intended for senior research projects requiring a second semester of experimental investigation.

CHEMISTRY

RICHARD LAPETRA, *Associate Professor*

ROBERT E. REHWOLDT, *Associate Professor*

GEORGE E. McALONIE, *Assistant Professor*

LAWRENCE W. MENAPACE, *Assistant Professor*

MALVIN MICHELSON, *Assistant Professor*

FLORENCE S. TABOR, *Adjunct Professor*

WILLIAM CUMMINGS, *Lecturer*

WALTER D. FOUCHER, *Lecturer*

Major Field Requirement. The requirements for a major in chemistry are 203-204, 205-206, 303-304, 305-306, 307-308, 451-452, and one other course at the 400 level for a total of thirty credits. Although foreign language is not required, the study of German or Russian is recommended to students planning for advanced study. GERM 111-112 is especially designed for science majors. In addition to general college requirements, chemistry majors must take the Advanced Test in Chemistry (code 27) of the Graduate Record Examinations by February 1 of the academic year in which the student intends to graduate. It is the responsibility of the student to present his score to the chairman of the department.

Students whose quality point index in chemistry is below 2.00 and who perform below standard in the GRE must pass a departmental comprehensive examination or fulfill an equivalent requirement (reading or formal course work to make up deficiencies) before being certified by the department for graduation. Since departmental recommendation of prospective graduates is in part conditioned upon the student's performance in the GRE, students who perform below standard are urged to request a departmental comprehensive examination.

CHEM 101 Introduction to Physical Chemistry

Three Credits

An introductory study of the states of matter, the chem-

istry of solutions, chemical equilibrium, electrochemistry and chemical thermodynamics.

Three hours lecture and one problem session per week.

CHEM 102 The Structure of Matter and Chemical Periodicity.

Three Credits

A survey of the chemistry of the elements based on the concept of periodicity and its foundation in the structure and properties of atoms and molecules.

Prerequisite: CHEM 101 or CHEM 111

Three hours lecture per week.

CHEM 103-104 Introductory Physical and Analytical Laboratory

Two Credits

Experimental work in physical chemistry, qualitative and quantitative analysis.

Co-requisite: CHEM 101-102 or 111-112

Four hours laboratory per week.

CHEM 105 The Science of Chemistry

Three Credits

A course designed for nonscience majors dealing with the development of the science of chemistry and its present impact. It attempts to secure an understanding of the methods and techniques of this science.

Three hours lecture per week.

CHEM 111 Introduction to Physical Chemistry (Honors Course)

Three Credits

An introductory study of the states of matter, the chemistry of solutions, chemical equilibrium, electrochemistry, chemical thermodynamics and kinetics. This course proceeds at a faster pace and explores these topics at greater depth than CHEM 101. Registration only with approval of the instructor.

Three hours lecture and one problem session per week.

CHEM 112 The Structure of Matter and Chemical Periodicity (Honors Course) *Three Credits*

A survey of the chemistry of the elements based on the concept of periodicity and its foundation in the structure and properties of atoms and molecules. This course proceeds at a faster pace and explores these topics at greater depth than CHEM 101. Registration only with approval of the instructor.

Prerequisite: CHEM 101 or CHEM 111
Three hours lecture per week.

CHEM 203-204 Organic Chemistry I-II *Six Credits*

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 will also be discussed.

Prerequisite: CHEM 101-102 or 111-112
Three hours lecture per week.

CHEM 205-206 Organic Chemistry Laboratory I-II *Two Credits*

Prerequisite or Co-requisite: CHEM 203-204
Four hours laboratory per week.

CHEM 303 Quantitative Analysis *Four Credits*

The theory and application of classical and modern methods of analysis.

Prerequisite: CHEM 101-102 or 111-112
Two hours lecture, six hours laboratory per week.

CHEM 304 Instrumental Methods of Analysis *Four Credits*

The theory and application of chemical instrumentation to analytical systems.

Prerequisite: CHEM 303 and CHEM 305
Two hours lecture, four hours laboratory per week.

CHEM 305-306 Physical Chemistry I-II *Six Credits*

A study of the relationship between the structure and properties of matter and theoretical interpretations of the laws of chemical interaction. Although the course is in the nature of a survey, the topics, thermodynamics, physical and chemical equilibrium, electrochemistry, kinetics, and quantum chemistry, are treated in some detail.

Prerequisite: CHEM 101-102 or 111-112, PHYS 205-206, MATH 207
Three hours lecture per week.

CHEM 307-308 Experimental Physical Chemistry I-II *Two Credits*

A laboratory course designed to lead to an appreciation of experimental methods and interpretation of data in physical chemistry.

Prerequisite or co-requisite: CHEM 305-306
Four hours laboratory per week.

CHEM 309 Analytical Procedures *Four Credits*

Selected classical and instrumental procedures with laboratory experience devoted to current environmental problems.

Prerequisite: CHEM 101-102, or 111-112 and 103-104
One lecture hour, three laboratory hours—two semesters.

CHEM 401 Essentials of Biochemistry *Three Credits*

A study of the chemistry and intermediary metabolism of biologically important compounds, including enzymes, co-enzymes, and vitamins.

Prerequisite: CHEM 203-204
Three hours lecture per week.

CHEM 403 Experimental Biochemistry *One Credit*

Selected experiments dealing with chemical properties of compounds of biological interest.

Co-requisite: CHEM 401

Four hours laboratory per week.

CHEM 404 Physical Inorganic Chemistry *Three Credits*

An advanced treatment of special topics in physical inorganic chemistry.

Prerequisite: CHEM 305-306

Three hours lecture per week.

CHEM 407 Advanced Organic Chemistry *Three Credits*

An advanced treatment of selected topics chosen by the instructor. These topics may include the theory of resonance, stereochemistry of carbon compounds, and organic reaction mechanisms.

Prerequisite: CHEM 203-204 and CHEM 305-306

CHEM 451-452 Senior Seminar I-II *Three Credits*

A program designed to allow the senior student the opportunity to prepare and present topics which he has encountered in the chemical literature and original ideas which he has developed as a result of his accumulated knowledge and reading.

Prerequisite: All major level 200 and 300 courses

CHEM 495-496 Senior Research *Four Credits*

This course is open to senior chemistry majors only. It offers such students the opportunity to do basic research under the supervision of a faculty member. Although there are no formally assigned hours, a student is expected to spend at least four to eight hours per week for two semesters to earn credit. At the end of his work he presents a written report and an oral report to the seminar.

Prerequisite: Students desiring to take this course will be permitted to do so only with the approval of the Chemistry Department. Students interested in this course should, there-

fore, consult the chairman of the department not later than the first semester of the junior year, and apply in writing before the beginning of the second semester.

EARTH SCIENCE

VINCENT F. KOTSCHAR, *Instructor*

ERSC 103 Introductory Earth Science I *Three Credits*

A study of earth formation and physical and historical geology. Special attention is given to geomorphology. Other topics include the historical geology of the New York Region and the study of rock and mineral specimens.

ERSC 104 Introductory Earth Science II *Three Credits*

A study of astronomy (emphasis on the solar system), weather, climate, soils, vegetation, and other factors leading to the understanding of the earth as an abode of man.

ENVIRONMENTAL SCIENCE

ROBERT E. REHWOLDT, *Director*

This is a new program which offers the student a chance to become part of one of the greatest challenges facing mankind.

It is an interdisciplinary program with emphasis on the natural sciences. Electives, however, should be chosen to give an awareness of the social aspects of environmental control.

Major Field Requirement. The requirements for a major in Environmental Science are BIO 307, 207, 402; CHEM 309; ENSC 200, 301-302.

ENSC 200 Natural History of an Estuary *Three Credits*

Interdisciplinary study of an estuary to demonstrate the interaction of the biological, chemical, geological, and me-

teological influences on productivity, using the tidal reach of the Hudson River as a model.

Prerequisite: One year of biology/chemistry and permission of course adviser.

ENSC 301-302 Environmental Topics *Six Credits*

Advanced topics in physical environmental problems. Topics to be chosen by instructor. Three hours per week. One semester.

Prerequisite: CHEM 304 or 309, BIO 402

PHYSICS

BRIAN H. DESILETS, *Associate Professor*

KATHLEEN R. DESILETS, *Assistant Professor*

PAUL TEICHMAN, *Assistant Professor*

Major Field Requirements. The requirements for a major in physics are a minimum of 27 credits in the department over and above PHYS 205-206. This will include PHYS 311, 312, 321-322, 411-412, 422, 431, and 453. In the evening division, students, with the approval of the chairman, may elect to major in applied physics. Under this program, the required courses in the major field area are limited to PHYS 311, 312, 411, and 453. The student must complete 27 credit hours in the department. All students are required to take at least one lab course above 207-208. Students majoring in applied physics will arrange their curriculum with the advisor at the time of their application to this major field. In addition, a physics major is required to take MATH 107-108, 207, and CHEM 101-102 and 103-104.

PHYS 105 Principles of Physics *Three Credits*

A general survey course in physics for liberal arts majors. Stress is put on understanding the vocabulary of physics and a verbal explanation of the physical phenomena encountered in one's daily life. No mathematics beyond elementary algebra is required.

PHYS 205-206 General Physics I-II *Six Credits*

An introductory course covering the basic concepts arising in mechanics, heat, sound, electricity and magnetism, optics, and atomic physics. The approach stresses the use of calculus and vector algebra.

Prerequisite: MATH 107-108, 207; and CHEM 101-102, 103-104 or 111-112.

PHYS 207-208 General Physics Lab I-II *Two Credits*

The general physics labs are taken simultaneously with the course in general physics. The requirement for this laboratory is dependent on the department in which the student is a major. One credit is assigned to each semester of the laboratory. A series of 12 laboratories are required for each semester; attendance of the pre-laboratory is a requirement.

Co-requisite: PHYS 205-206

PHYS 311 Mechanics *Three Credits*

A study of Newtonian mechanics in both fixed and moving coordinate systems. Conservation laws, harmonic motion, gravitational fields and potentials, celestial mechanics, mechanics of continuous media. Introduction to generalized coordinates and Lagrange's equations.

Co-requisite: PHYS 453

PHYS 312 Physical Optics *Three Credits*

A brief review of geometric optics followed by a systematic development of physical optics. Major topics: wave propagation, electromagnetic character of light, interference, Fraunhofer and Fresnel diffraction, absorption, scattering, dispersion, and polarization.

Co-requisite: PHYS 453

PHYS 321-322 Electricity and Magnetism I-II *Six Credits*

A study of electrostatic fields and potentials, dielectric

theory, capacitance, electric current, AC-DC circuits, magnetic properties of matter, transmission lines, Maxwell's equations and their application to electromagnetic wave propagation.

Co-requisite: PHYS 453

PHYS 323 Electricity and Magnetism Laboratory

Three Credits

Covers a selected number of experiments which are complementary to PHYS 321-322.

Co-requisite: PHYS 321-322

PHYS 411-412 Atomic and Nuclear Physics I-II *Six Credits*

An introduction to the atomic structure of the atom, a study of basic experiments and the tools of investigation; atomic, x-ray, and gamma ray spectra; nuclear theories and fundamental particles.

Co-requisite: PHYS 311, 312, 322

PHYS 421 Solid State Physics

Three Credits

A course intended as a survey of the field of Solid State Physics. The topics introduced are: crystallography, quantum mechanics, atomic bonding, statistical mechanics, free electron theory and zone theory. The purpose of the course is to introduce the student to the vocabulary of these topics and to some of the elementary calculations in these fields.

Co-requisite: PHYS 411

PHYS 422 Modern Physics

Three Credits

An introduction to the theory of relativity and to quantum mechanics; other special topics to be drawn from contemporary physics.

Prerequisite: PHYS 411

PHYS 423 Modern Physics Laboratory

Three Credits

An advanced laboratory course designed to cover a selective number of experiments related to the major field courses with special emphasis placed on topics from modern and atomic physics.

Co-requisite: PHYS 411

PHYS 431 Thermodynamics

Three Credits

An introduction to the laws of thermodynamics and the application of these to physical systems. A brief discussion of kinetic theory and transport phenomena.

Prerequisite: PHYS 453

PHYS 432 Electronics

Three Credits

A basic course in electron tube and transistors theory and circuit design. The course stresses the functional aspects and relies upon laboratory demonstrations using equipment most often encountered by physicists.

PHYS 444 Semiconductor Physics

Three Credits

Covers semi-conductor theory, contact and surface properties, PN junctions, semi-conductor measurements, semi-conductor materials, semi-conductor material preparation, semi-conductor devices, design and application.

Prerequisite: PHYS 421

PHYS 446 Crystal Physics

Three Credits

A study of interatomic forces, classification of materials, lattice vibrations, specific heat, dielectric properties of crystals, crystal defects, and crystal growth processes.

Prerequisite: PHYS 421

PHYS 451 Seminar

Three Credits

The objective of this course is to integrate the subject matter previously covered by the students in major field

courses. It consists of weekly discussions directed by members of the department.

PHYS 452 Senior Research Project *Three Credits*

This course consists of a cooperative effort between a faculty member and a student. A research topic will be selected which will give the student the opportunity to do some original work while remaining within the limits of his abilities. The topic should be selected in the second half of junior year. A report on the research will be submitted by the student.

PHYS 453 Theoretical Physics *Three Credits*

This course is designed to supply the physics major with the mathematics which may be lacking in his background in preparation for the major field physics courses. The topics may be adjusted from year to year but will include the ordinary and partial differential equations of physics, complex variables, and other pertinent mathematical applications.

This course will be co-requisite to all junior level courses and prerequisite to all senior level courses.

Prerequisites: PHYS 205-206

PHYS 454 Theoretical Physics *Three Credits*

Topics relating to mathematical solutions of physics equations using the computer will be covered in depth. Students will learn to program the computer to solve these problems and use the computer to do the solution. Topics will vary from year to year and depend on the interests of the students and teacher.

Prerequisite: PHYS 453

SCIENCE

SCI 100 Science and Society *Three Credits*

An interdisciplinary course for nonscience majors. Following

a brief historical review of science, its nature and limitations, a series of topics concerned with problems and issues facing society today are studied. Lectures, seminars, field trips, laboratory demonstrations and exercises are employed to cover topics.

SOCIOLOGY

CHARLES P. BRAMBILLA, *Lecturer*

SOC 103 Introduction to Sociology I *Three Credits*

Introduction to the sociological framework for the understanding of human behavior, through a study of social organization, culture, socialization, primary groups, associations, collective behavior, population, and human ecology.

SOC 104 Introduction to Sociology II *Three Credits*

Applications of the sociological concepts introduced in the first semester to the areas of the family, religion, education, minorities, and crime. An investigation of the major trends in contemporary society through a study of urban, industrial, and political man.

TUITION AND FEES

STATEMENT OF FEES

TUITION

Per semester, effective September, 1970.....	\$800.00
A student with twelve or more semester hours in any semester is considered a full-time student.	
<i>Per semester hour</i>	
Degree students, effective September, 1970.....	55.00
Special students, effective September, 1970.....	55.00
<i>Room and Board</i> , per semester.....	600.00
<i>Matriculation fee</i>	25.00
This fee is payable immediately upon the student's acceptance and registration for a degree program. It is non-refundable.	
<i>General Deposit</i>	150.00
This general deposit is payable by all new resident students upon their acceptance. It is applicable to their semester room and board upon registration. It is refundable if notice of intention not to attend Marist College is received by the Director of Admissions prior to May 1 or date indicated on acceptance letter. After this date all payments are nonrefundable.	
<i>Reacceptance Deposit</i>	25.00
Payable by all students re-admitted to Marist after a leave of absence. This non-refundable fee reserves academic space and is applied to semester tuition and fees upon registration.	
<i>Dormitory Deposit for all returning resident upperclassmen</i>	50.00
Due on or before May 1. Academic dismissal is the only basis for refund.	
<i>Dormitory Liability Deposit</i>	50.00
Payable prior to first semester's residency. Applicable to all dormitory damages for which students are assigned responsibility. Deposit must be maintained at a constant balance and is carried forward for the duration of student's residency. Balance is refundable upon graduation or withdrawal.	

<i>Application Fee</i>	10.00
<i>Advanced Placement/College Proficiency Examination Fee</i>	10.00
No charge where credits are waived. When credit and/or grade is given in lieu of formal course work, fee is \$10.00 per credit hour.	
<i>Registration Fee</i>	10.00
Payable each semester. Includes initial parking decal and student identification card. This fee also applicable to students in good academic standing who have received written permission to be full-time students at another college for a semester; i.e., Visiting Student Program, etc.	
<i>Late Registration Fee</i>	20.00
<i>Activities Fee, full time student</i>	15.00
Payable each semester.	
<i>Activities Fee, part time student</i>	5.00
Payable each semester.	
<i>Deferred examination and reexamination fee</i>	10.00
<i>Graduation Fee</i>	25.00
<i>Change of Program Fee (or major field)</i>	3.00
For every change of program issued at the request of the student, payable at the time of request.	
<i>Transcript Fee</i>	1.00
Payable at the time of request.	

Certain science departments require internal key and breakage deposits which are refundable at the end of the semester, providing all materials are returned intact.

The average number of credits for an academic year is 30—that is 15 each semester. The maximum credits permitted each semester—15 hours; the minimum—12 (full time). Any deviation from this must have the approval of the Associate Dean for Student Academic Affairs.

A student may request permission to take more than the maximum hours to accelerate his course, to make up past deficiencies, or to enrich his program. If permission is granted, the cost of such extra courses is \$55.00 per credit hour. Basic physical education courses or any required one-credit laboratory course do not incur this extra charge.

**EXCESS
CREDIT
HOURS**

**PAYMENT OF
FEES**

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. Full time students will incur this extra charge over and above the regular semester rate, when the course exceeds the range of the entitled 15 hours.

All students registering at Marist College are required to pay tuition and fees in full on or before Opening Day.

Returning students may elect a deferred payment plan upon prior approval of the College Business Office. Fees on the deferred payment plan are payable according to the following schedule:

Fall Semester

- Sept. 1 (1/2 all tuition and fees)
- *Oct. 5 (Payment in full, with NO service charge)
- Oct. 30 (Last date for payment of all fees)

Spring semester

- Jan. 18 (1/2 all tuition and fees)
- *Feb. 19 (Payment in full, with NO service charge)
- March 19 (Last date for payment of all fees)

* A service charge of \$2.00 per hundred dollars or any fraction thereof, will be added to all outstanding balances after October 5 (Fall) and February 19 (Spring), with the entire outstanding amount due October 30 (Fall) and March 19 (Spring).

Summer Semester

All tuition and fees in full at time of registration.
No deferred payment plan.

The College also cooperates formally with three independent agencies which arrange for financing of college costs on payment basis of one to six years. All plans include attractive insurance clauses which provide for coverage of college expenses in the case of death or disability of the parent. Information about any agency may be obtained either by writing directly to the agency listed below, or by inquiry to the Business Office of Marist College.

Insured Tuition Plan
6 St. James Avenue
Boston, Mass. 02166

College Aid Plan
1008 Elm Street
Manchester, N.H. 03101

Funds for Education
319 Lincoln Street
Manchester, N.H. 03103

Many local banks in cooperation with state agencies, also provide financing plans for college costs. Inquiries may be made by writing directly to:

New York: New York Higher Education Assistance Corp.

111 Washington Avenue

Albany, New York 12224

Pennsylvania: Pennsylvania Higher Education Assistance Corp.

Education Building

Harrisburg, Pennsylvania 17126

New Jersey: New Jersey Higher Education Assistance Authority

Division of Higher Education

State Department of Education

Trenton, New Jersey

Local banks will have the address of home-state agency. (See section on Financial Aid.)

Marist students who are residents of New York State may be eligible for Regents Scholar Incentive Awards or Regents Scholarships. Inquiries and applications concerning these should be directed to:

The University of the State of New York

The State Education Department

Regents Examination and Scholarship Center

800 North Pearl Street

Albany, New York 12204

~~The semester deadlines for filing are: December 1—Fall; April 1—Spring.~~ Students who are recipients of Regents Scholar Incentive Awards, Regents Scholarships, or any other type of financial scholarship or assistance must present evidence of this to the Business Office at the time of registration or as soon as received.

Deductions from semester billings for specified grant amounts may *only* be made upon official notification to the student. All awards not officially acknowledged and presented to the Business Office before fee deadlines will be subject to the schedule of late fees.

**NEW YORK STATE
INCENTIVE
AND/OR
REGENTS AWARD**

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

Requests for complete statement of charges and receipt of payments should be made in writing to the business office at the time of the final payment. The receipt will be mailed directly to the student.

STUDENTS WHOSE ACCOUNTS ARE IN ARREARS WILL NOT BE ADMITTED TO CLASSES OR EXAMINATIONS, AND WILL NOT BE GIVEN SEMESTER GRADES, A DIPLOMA, OR A TRANSCRIPT OF RECORD.

REFUNDS

Since engagements with instructors and other provisions for education and residence are made in advance by the College for the entire year, the refund rule for each category will be as follows:

TUITION

In the event a student withdraws from the College during the first week of instruction, the total amount of his tuition will be refunded. After the first week, and before the beginning of the fourth week, a refund of one-half tuition will be made. After this time, no refund will be allowed. (See Academic Calendar for specific dates concerning these refunds.)

Should a student withdraw from one or more courses so that he then becomes classified as a part-time student, pro rata refund of tuition will be made according to the above rebate schedule provided that such a reduction of study load occurs during the first week of instruction. To withdraw from a course or from the College, a student must notify the Recorder in writing. A form is provided for this purpose and may be obtained at the Recorder's Office. Simply notifying the classroom instructor or the Dean is insufficient. Procedures to be followed are outlined on this form. In computing the refund, the Business Office accepts the date that the completed form has been received in the Recorder's office.

ROOM

Should the student withdraw from the College during the first three weeks of the semester, the initial dormitory deposit of \$150.00 will cover his room charges for this period. Should he withdraw after beginning of the fourth week, the entire semester room charge will be enforced.

BOARD

A refund for the remainder of the semester following the date of the student's withdrawal may be made of the amount paid for board at the per diem college rate.

FINANCIAL AID

Financing a college education is a serious problem to many young men and women. Besides the usual sources—family assistance, personal savings, and summer earnings—a variety of ways to pay college expenses exist. These are scholarships, grants, loans, and part-time earnings while in school. Since freshmen are not expected to use all of their pre-college savings in one school year, it is wise for them, if they expect to need financial aid later, to apply while seniors in high school. It is much easier for an upperclassman to secure a renewal grant than an initial one. The following types of aid are available to students who attend Marist.

Marist College has limited funds available for grants to freshmen with superior high school records and with financial need. These grants are automatically renewed each year provided the recipient has maintained the necessary academic index. If you feel that you are qualified scholastically for a Marist Grant you should note this fact on a sheet attached to your application for admission. A Parents' Confidential Statement must be submitted with your application.

New York State Regents Scholarships provide from \$250 to \$1,000 per year to many New York residents. Other states may offer similar awards. Many private scholarships may also be available to you. Ask your high school Guidance Director about this type of aid.

Bache & Co. Foundation Scholarship

One yearly scholarship amounting to \$500.00 awarded to an outstanding senior. The award is given to Business or Economics majors.

Peter and Virginia Foy Scholarship Fund

The Peter and Virginia Foy Scholarship Fund is an endowment fund to provide financial assistance to needy students.

Leonidoff Scholarship

Funds for the Dr. A. A. Leonidoff Scholarship Fund were donated by Dr. A. A. Leonidoff for boys and girls in Dutchess County who are entering the medical field or allied studies.

STUDENT FINANCIAL AID AT MARIST

MARIST GRANTS-IN-AID

SCHOLARSHIPS AND GRANTS

McCann Foundation Inc. Scholarship

There are a limited number of scholarships offered each year under this program. The awards are given to students who have financial need and who have attended high school in Dutchess County.

Nathan L. Reifler Memorial Scholarship

This award is given to an upperclassman who has achieved satisfactory academic grades. In addition the recipient must be a resident of Dutchess County and must show financial need.

**NEW YORK STATE
SCHOLAR
INCENTIVE AWARDS**

Most New York State residents will qualify for grants of from \$100 to \$600 per year, depending upon family income. The grants must be renewed each year. Your application should be sent to Regents Examination & Scholarship Center, State Education Department, Albany, New York 12204. ~~December 1st is the deadline for first semester awards.~~ *Applications*

May be made anytime during the academic year but should preferably be made during the summer or early in the first semester
Marist offers you an opportunity to participate in all programs offered under the National Defense Education Act and the Higher Education Act of 1965 as amended. These programs offer grants (gifts), loans, and part-time work. All are for one year only. A new application and Parents' Confidential Statement must be filed each year.

**U.S. GOVERNMENT
SPONSORED
PROGRAMS**

1. Education Opportunity Grants

Grants of from \$400 to \$1,000 per year are available to students who qualify on the basis of financial need. An Educational Opportunity Grant can be given only to a student whose family has a gross income (before taxes) of \$9,000 or less. In addition, the expected family contribution to the student's expenses can not be over \$625. This contribution is determined from the Parents' Confidential Statement. Such factors as number of children in the family, number in college, unusual medical or other necessary expenses, etc. are taken into consideration in determining the expected contribution.

Marist receives the EOG funds in two categories, initial and renewal. Since freshmen must be given priority for the initial grants, it is very difficult for an upperclassman to receive a first time award. High school seniors who think they qualify should apply for an EOG for their freshman year.

2. *National Defense Student Loans*

Marist has a generally limited amount of National Defense Student Loan funds from which loans of up to \$1,000 may be given to students who qualify financially. Students with family incomes of \$12,000 or less receive priority for these loans. These loans bear no interest while the student is in school. Three percent simple interest is charged after he graduates.

3. *Work-Study Jobs*

Marist operates a federally sponsored Work-Study program during the school year and during the summer vacation. Jobs paying a minimum of \$1.50 per hour for a maximum of 15 hours a week are available both on and off campus. Some jobs require special skill (typing ability is very desirable); other jobs are available which require no special skills. Although freshmen are generally advised not to work during their first semester of college, we do assign work-study jobs to a few freshmen who secure the approval of the Director of Admissions. Financial need is the qualification for participating in this program. In general, students whose families have a gross income of \$10,000 or less will qualify.

The Parents' Confidential Statement of the College Scholarship Service is required for the above three programs. These Statements may be obtained from your high school Guidance Office, from the College Scholarship Service at Princeton, or from the Registrar at Marist. When filled out, the form should be sent directly to The College Scholarship Service, Box 176, Princeton, New Jersey 08540, with a request that a report be sent to Marist. This report and a Marist student aid application must be on file before any requests are considered. Although the above three programs are sponsored by the Federal Government, only a limited amount of money is allocated to Marist College. Each year some students who qualify financially do not receive aid because earlier applicants have been given all available funds. The application and the Parents' Confidential Statement must be received at Marist by March 1st in order to insure consideration. At least one month should be allowed for the return of the Parents' Confidential Statement. Late applicants have almost no chance of receiving aid.

Under the Higher Education Act of 1965 as amended, the Federal Government guarantees certain loans to students. For New York State residents this is the New York State Higher Education Assistance Plan. Qualified students may borrow \$1,000 as freshmen and sophomores, \$1,250 as juniors, and \$1,500 as seniors. No interest is charged while the borrower is in college. There

**INSURED
BANK LOANS**

are similar plans in operation in all states. These loans are made directly from local banks. Complete information, forms, etc., may be obtained at your local bank. Forms should be sent to the Recorder's Office for the necessary college certification.

**PART-TIME
EMPLOYMENT**

Marist has a Placement Office through which students are placed in part-time private jobs in the Poughkeepsie area. Students interested in part-time work should file an application with the Placement Director and watch the Placement Bulletin Board in lower Donnelly Hall for job openings.

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M.A., New York University

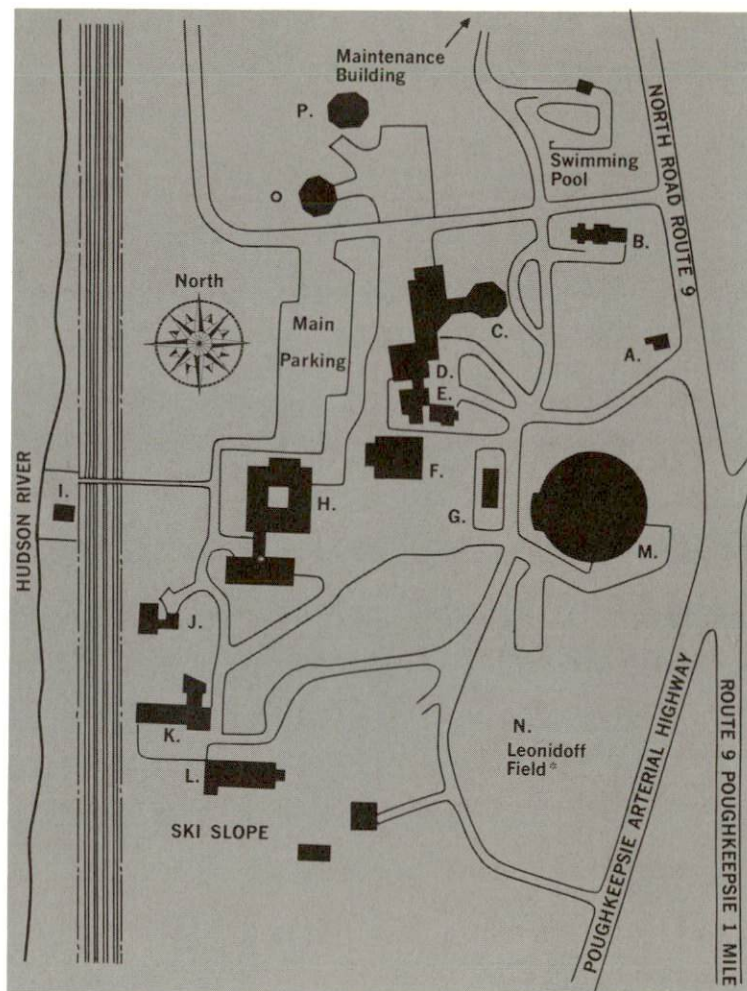
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- B. St. Peter's
- C. Chapel
- D. Fontaine Hall
- E. Greystone
- F. Gymnasium
- G. Adrian Hall
- H. Champagnat Hall
- I. Marist Boathouse
- J. Byrne Residence
- K. Leo Hall
- L. Sheahan Hall
- M. Donnelly Hall
- N. Leonidoff Field
- O. Benoit House
- P. Gregory House



COMMUNICATION WITH THE COLLEGE

Students and prospective students should read carefully the pertinent sections of this catalog before writing or requesting information as indicated below.

The post office address is Marist College, Poughkeepsie, N.Y. 12601. The telephone number is 914—471-3240

Inquiries should be addressed as follows:

ADMISSION to the freshman class or with advanced standing, information about SCHOLARSHIPS and GRANTS-IN-AID for entering students and requests for catalogs: the Director of Admissions.

SCHOLARSHIPS and LOAN FUNDS for students in college: the Registrar.

PAYMENT of college bills: the Business Manager.

ACADEMIC WORK of students: the departmental chairman or Associate Dean for Student Academic Affairs.

Requests for TRANSCRIPTS and notices of withdrawal, forms for withdrawal from individual courses: the Recorder.

Requirements for GRADUATION: the Registrar.

CAMPUS EMPLOYMENT: the Registrar.

OFF-CAMPUS EMPLOYMENT: the Placement Office.

GIFTS or bequests: the President.

ALUMNI: the President of the Alumni Association.

PUBLIC RELATIONS: the Director of Development.

STUDENT ACTIVITIES: the Dean of Students or the President of the Student Council.

ASSOCIATED COLLEGES OF THE MID-HUDSON AREA: Associate Dean for Student Academic Affairs.



POUGHKEEPSIE, N.Y. 12601 (914) 471-3240