

BULLETIN OF

# MARIST COLLEGE



Catalog 1966-1968



# MARIST COLLEGE

A Liberal Arts Gollege for Men

Catalog 1966-1968



#### THE PURPOSE OF MARIST

Marist College was founded by the Marist Brothers and chartered by the State of New York "for the purpose of providing education on the college level." In common with all Catholic education, it hopes to achieve "... the development of the supernatural man who thinks, judges and acts consistently in accordance with right reason illumined by the supernatural light of the example and teaching of Christ." Specifically, Marist College attempts to create a community in which the individual is encouraged to participate to the fullest extent possible in order to develop his intellectual and religious, social and physical life. The character of this community reflects the traditions of the Marist Brothers, whose founder, Blessed Marcellin Champagnat, desired that all their schools be marked by a communal and familial spirit.

To accomplish its general purpose, Marist strives toward the following objectives:

- TO FOSTER an intellectual encounter between the members of the college community and the world of nature, the world of men, and the world of all things;
- TO MOTIVATE and encourage its members to live in a manner consistent with Judeo-Christian tradition;
- TO PROVIDE for their mental and physical well-being;
- TO PREPARE the student, by means of a liberal educational experience, to take his place in the business or professional worlds and to realize his full potential in his own personal life;
- TO TRAIN him for citizenship through an intellectual appreciation of democratic principles and a love of and respect for his country;
- TO DEVELOP a social awareness, again through the Judeo-Christian tradition, which will guide him in the service of his fellow-man.

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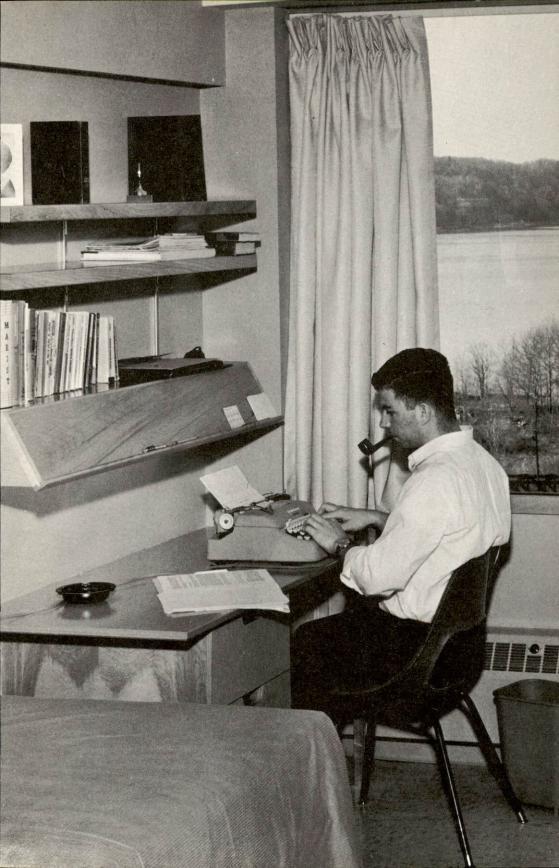
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STUDENT ACTIVITIES	
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F 3.6	

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# This is Marist

#### HISTORY

Marist, located in the rapidly growing mid-Hudson area of New York State, is a liberal arts college conducted by the Marist Brothers. Marist traces its origins to Marist Training School, a two-year teacher-training college founded in 1929 for the education of the Marist Brothers. By 1946, the school had achieved four-year status as a liberal arts institution. It received its permanent charter from the State of New York in 1950, together with authorization to accept students who were not members of the Marist order. In September 1957 it accepted 12 lay students, a figure in sharp contrast to the 300 freshmen entering Marist in September 1965. Such rapid increase in numbers has been made possible only by a ten-year building program which has produced a campus presently worth over 10 million dollars.

In September 1959 an evening program was inaugurated under the direction of Dr. John Schroeder, the present dean.

In the 1965-1966 school year, Marist numbered 1106 full-time day students, with 400 evening division students. Its faculty is supported by the library of over 50,000 volumes and sufficient laboratory facilities to support an undergraduate program.

Although its expansion has been rapid, the Board of Trustees expects to limit the size of Marist to about 1300 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.

### LOCATION

Marist College is located one mile north of Poughkeepsie, New York, in the mid-Hudson valley. The campus lies between the Hudson River and Route 9, the major north-south route east of the Hudson. The Poughkeepsie station of the New York Central Railroad is less than five minutes drive from the campus. The New Paltz Exit (18) of the

New York State Thruway is about twenty minutes from Marist. The college is within two hours' ride from metropolitan New York by railroad, bus or car.

The college is easily accessible from the Poughkeepsie, Newburgh, Beacon and Kingston areas.

#### **CAMPUS**

The campus consist of 100 acres. A spacious outdoor swimming pool at the northern end of campus converts to a skating rink during winter. The South Field began operation as an athletic field in September 1963. Waterfront facilities are available for the sailing and crew activities at the college. There are athletic fields, handball and basketball courts to support the intramural sports program.

Among the most important buildings on campus are the following:

- Our Lady Seat of Wisdom Chapel (1954) which accommodates 250 students, has been cited as an outstanding example of contemporary church architecture. All later campus construction has been designed so as not to interfere with the design and prominence of the chapel.
- Donnelly Hall (1960) is a circular building with academic facilities for 1,000 students. Its classrooms, three lecture halls, six science laboratories, language laboratory and Spellman Library serve as the educational focus of campus life. Brother Nilus Vincent Donnelly, for whom the building is named, has supervised Marist's construction program since 1952.
- Fontaine Hall (1957) is a complex of buildings which serves as residence for student brothers. It also contains the office of the business manager. Fontaine takes its name from Brother Paul Ambrose Fontaine, who, as dean and later President of Marist (1946-1958), guided the college in its formative years.
- Adrian Lounge (1958) is used by students and faculty for recreational and leisure activities. It also serves as a lecture hall. Adrian Lounge will be used to house certain offices of administration. Brother Adrian Augustus, for whom the building is named was Marist's first Professor of Chemistry and taught with distinction for twenty years. He also was in charge of the development of the Student Brothers' Choral Group.
- Sheahan Hall (1962) is a dormitory for 120 students. It is named after Monsignor Joseph F. Sheahan, who brought the Marist Brothers to Poughkeepsie in 1907. Monsignor Sheahan is regarded as Poughkeepsie's foremost civic and religious leader of his generation.

- Leo Hall (1963) is a dormitory overlooking the Hudson River which houses 296 students. It is named for Brother Leo Brouillete who, while provincial of the Marist Brothers, obtained the charter for Marist Training School. Brother Leo was an outstanding teacher of science; his influence as teacher of many of the present faculty helps to explain the college's strong orientation toward science.
- William H. Martin Boathouse (1963). Built through community and college cooperation, the Marist boathouse is helping to return intercollegiate rowing to historic Regatta Row.

Modern in design with facilities for storage of 12 shells inside and 8 outside, the area also includes space downstairs for storage of sailboats, work space, and a place for practice rowing machines.

- Byrne Residence (1963)—the permanent residence for religious faculty, takes its name from Brother George Francis Byrne, Marist's first Professor of History. Brother George Francis was a member of the original faculty which made the transition from St. Ann's Hermitage to Marist College. The residence includes 4 suites, a study, community room and private chapel.
- Gymnasium Building (1949). This building serves also as the college auditorium. The Marist College Press and the college laundry are located in this building.
- Greystone (1845) is the oldest building on campus. At present it is used to house the office of the President, the office of the Director of Development and the Admissions offices.
- Champagnat Hall, (1965) named for Blessed Marcellin Champagnat, founder of the Marist Brothers, features a tri-level campus center and a 10-story student residence, overlooking the Hudson. This complex provides accommodations for 435 student residents. In addition to a cafeteria capable of seating 1200, the campus center houses a theater, lecture and conference rooms, art gallery, rathskeller, and the college bookstore.

#### LIBRARY

The Cardinal Spellman Library is housed in Donnelly Hall.

The spacious four-level library contains over 50,000 volumes, and subscribes to 375 professional and cultural periodicals. The most important single collection is *Our Lady's Library*, a research center for students in the field of Mariology. This collection of 10,800 books and periodicals

in 24 languages includes many volumes dating to the 16th and 17th centuries. It forms the second largest collection of books on Mariology in the United States.

The library is open from 8 A.M. to 10 P.M. Monday through Thursday. Friday, Saturday and Sunday the hours are 8 A.M. to 5 P.M.

# WESTERN LANGUAGE LABORATORY

The language laboratory in Donnelly Hall, a gift of Western Printing and Lithographing Company, is used mostly for group work, although it is designed for 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 mid-Hudson area residents to use the laboratory.

#### **DIVISIONS**

Day Division. The college offers a full program of studies with sessions scheduled for mornings and afternoons. Students in the day division have a choice of eleven major fields, with options for engineering or teacher programs. A full-time student in the day division may take courses in the evening division at no extra cost.

Evening Division. The evening session offers a degree program on a part-time basis which is the exact counterpart to that offered during the day. The evening bachelor of arts program is limited to the major fields of English, history, mathematics, physics, business, and chemistry.

Summer Session. A summer session is conducted in both the day and evening division. Its purpose is to help enrolled students of Marist and accredited members of other colleges to accelerate or to make up deficiencies. Special courses are also given for juniors and seniors of area high schools.

Extension Divisions. These extensions of the college, located at Saint Joseph's Novitiate, Tyngsboro, Massachusetts and Marist Novitiate, Esopus, New York are restricted to aspirants to the Marist Institute. The faculties at the extension divisions are appointed by the board of trustees and are under the direct control of the officers of administration. The facilities and libraries are adequate to maintain a selected number of freshman level courses.

Marist College cooperates with the other colleges in the Mid-Hudson area through the Associated Colleges of the Mid-Hudson Area. It also has cooperative arrangements for engineering programs with the Catholic University of America and the University of Detroit. By special arrangement, Marist College shares instructors and equipment with Mount St. Mary College in Newburgh and with the St. Francis Hospital School of Nursing.

### MEMBERSHIP AND APPROVAL

Marist College is chartered by the Board of Regents of the University of the State of New York and is accredited by the State Department of Education. The college is affiliated with The Catholic University of America. 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 National Catholic Educational Association, the Association of Colleges and Universities of the State of New York, the Commission on Independent Colleges and Universities, the American Association of Colleges, Marist College is accredited as a Four Year Liberal Arts College by the Middle States Association of Colleges and Universities.

### CAMPUS LIFE

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, religious, social and physical capabilities.

Membership in the organizations listed below is open to all Marist students (except those which specify "by election only") who maintain a satisfactory academic record.

#### STUDENT GOVERNMENT

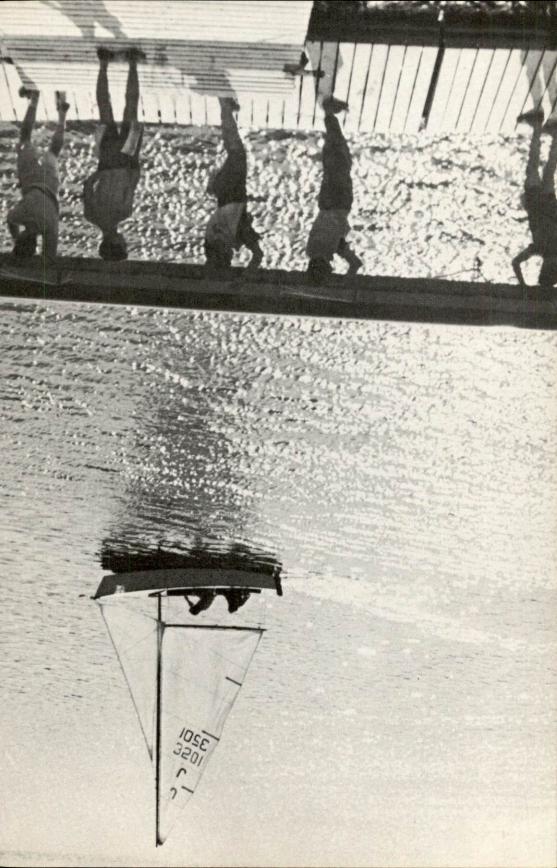
Council of the Student Government is the official representative of the interests and opinions of the student body to the college administration on matters directly affecting campus-student affairs. It controls and coordinates the extracurricular and extra-campus activities of the general student body, and of the student organizations under its jurisdiction. Twenty dollars of each Day student's Activity Fee goes directly to the Student Council to support student activities. Membership on the council is by general election of the student body on the first Wednesday in March.

Closely connected with the activity of the government is the appointed Secretariat. It is the responsibility of the Secretariat to maintain adequate records, and to supervise activities in order to aid the future students of Marist.

Judiciary is a separate branch of the Student Government. It has the authority to hear and pass judgment on violations of the rules and regulations of the student Government. Membership is determined by an appointment of the President of the Government which is subject to the ratification of the council.

#### THE RESIDENT BOARD

The Resident Board is the official representative of the interests and opinions of the resident students to the administration on matters directly affecting resident students. It likewise presents the views of the administration to the resident students. It enforces regulations set up by the board for the benefit of resident students, and coordinates any extracurricular resident student activities.



#### CLUBS AND ORGANIZATIONS

Campus Booster Club

The Campus Booster Club of Marist College is founded to foster and maintain a high standard of school spirit and loyalty: to enable its members to experience the friendships and activities which make their Marist years rewarding. By their active interest and enthusiastic support, the Club members strive to make the ideals of Marist come alive.

Glee Club

The purpose of the Marist College Glee Club is to instill in its members the joy of singing and the love of music, as well as the spirit of give and take which comes from cooperation.

#### Fleur de Lis International

The Fleur de Lis was expanded in the Spring of 1964 to become Marist's International Relations Club. It achieves its aim by providing bi-monthly common forums of discussion on current international affairs, by providing the qualified student with an opportunity of representing Marist at the various University and College Conferences, and by providing faculty lectures on International topics.

The Fleur de Lis also publishes "Language and Pen" to give the student an opportunity for self-expression in the language of his choice. The organization also sponsors several social functions, including the annual

Riviera Holiday.

The History Club

The Marist College History Club is dedicated to the promotion of understanding of and interest in History through the presentation of significant historical topics to the student body. The Club aims to prepare and develop its members for constructive citizenship.

The History Club sponsors lectures and films as well as informal discussions of relevent topics of interest. Members of the History Club are eligible for membership in the National History Honors fraternity, Phi Alpha Theta.

Literary Club

The Literary Club has a two-fold objective: first, the intellectual development of the members of said club in the field of literature with special emphasis on expanding creative and critical talents. The second facet of this organization's purpose is the dissemination, through two media of communication, the spoken word and the written word, of those theories, values, and works conceived by the members.

Sailing Club

The Sailing Club of Marist was founded in the Fall of 1962. Its purpose is to promote good sportsmanship, sponsor the activity of sailing and provide social functions on campus. The Marist Inter-collegiate sailing team is competitively chosen from this organization. In the Spring of 1963 this team won the Middle Atlantic Intercollegiate Sailing Championship (Associate Division) marking Marist's first intercollegiate championship.

#### Theatre Guild

The Marist College Theatre Guild, founded in 1958, was the first club formed on campus, and the first to receive its charter from the Student Government.

The purpose of the Guild is to educate, to arouse an interest in the dramatic arts, and to create an enjoyment of the theatre in its members, the student body, the community, and other colleges. In accord with this, there is participation with the women's colleges in the area, facilitating production of a wide range of plays. Members of the Theatre Guild are eligible for membership in the Marist College Cast of the Delta Psi Omega Dramatic Fraternity.

#### Pre-Legal Society

The Marist College Pre-Legal Society is established to provide for students interested in the legal profession, an organization which will broaden their educational scope through awareness of the professional requirements, through a broadened knowledge of the legal structure and of procedures in the United States of America.

This purpose has been implemented by the establishment of a Law Day and guest lecturers at the campus. The Club further provides a collection of law school catalogues for use of its members.

#### Varsity Club

The Varsity Club of Marist College is made up of lettermen achieving recognition in intercollegiate sports. The purpose of the club is to promote good sportsmanship, to make known the college's athletic activities, to serve the college, to bring athletes together. The Varsity Club has control over intramural sports and the sale of tickets for basketball games.

### The Weightlifting Club

The purpose of the weightlifting club is to accquaint the student with the proper forms of exercise for physical fitness and strength. It accomplishes this by promoting an interest in the spirit, and by teaching the student the benefits to be obtained from intelligent exercise.

It also sponsors an inter-collegiate weightlifting team for the furtherance of these goals.

The Marist College Chapter of the Young Americans for Freedom The purpose of the Marist College Chapter is to learn more about the Conservative philosophy in local, state, and national governments.

The Club plans to learn about the conservative philosophy through selected films and speakers. Study groups are formed to look into current issues facing the nation, and debates are planned with other political clubs on campus. Field trips to local government offices and to the head-quarters of the different political parties are organized to acquaint Y.A.F. members with the workings of our government.

Young Democratic Club

The purposes of the Young Democratic Club are: 1) to educate the student body of Marist College in the policies and principles of the Democratic Party; 2) to take an active interest in party affairs by active participation in local, state, and national activities; 3) to become affiliated with the Young Democratic Clubs of New York State, college Division: 4) to these ends the Club proposes sponsorship of lectures, movies, and reading material to promote the Democratic Party.

The Young Republican Club

The purpose of the Young Republicans is to pursue and foster a study of the Republican Party's ideals and principles through lectures and by cooperation with the Republican organizations on the local, state and federal levels.

The objective is to better prepare future citizens to fulfill their political responsibilities and to provide the leadership to meet the needs of the nation.

Young Executives

The purpose of the Young Executives is to provide an opportunity for its members and other interested persons to increase their knowledge of the business world. This includes business theories, practices, ethics, policies and opportunities. This objective is accomplished by discussion, lectures, films, literature, and all other available means.

#### The Mathematics Club

The purpose of the Mathematics Club is to stimulate interest in mathematics among math majors on campus. It is to provide an opportunity for students interested in math to meet and discuss different developments in the field of mathematics.

The Knights of Columbus

The Champagnat Council of the Knights of Columbus was founded in the Spring of 1965. One of the largest organizations on campus, it strives to implement the ideals that the Knights of Columbus represent. Its emphasis is in the humanitarian, religious and social fields.

#### The Gaelic Society

This Society strives to foster a better understanding of our Irish heritage through lectures, discussions and social affairs. It also has as its purpose the strengthening of faculty-student relations here at Marist.

#### The Football Club

Formed in the Spring of 1965 to support a football team at Marist, the club enjoyed instant success. Financed solely through student support, and coached by Ron Levine the Viking football team has become the personification of the spirit of Marist. In coming years the Football Club intends to expand its schedule to a full eight-game season.

#### The Ski Club

The purpose of the Ski Club is to advance the sport of skiing on campus and the spirit of fellowship among skiers during the fall and spring semesters.

# Phi Theta Delta Service Fraternity

This service fraternity has as its main purpose the promotion of the ideals of Marist in the intellectual, cultural and social spheres. It renders the service of its members to the college campus, its activities, and to any person, club, or organization requesting these services.

#### The Psychology Club

Set up in the Fall of 1965, this club strives to foster an awareness of the importance of the study of Psychology and to provide an intellectual atmosphere in which the psychology majors of the college may discuss new developments in the field.

# **PUBLICATIONS**

The Reynard: Marist College yearbook.

The Circle: campus weekly.

Language and Pen: journal of the Fleur-de-Lis International.

Mosaic: literary quarterly.

### LA MAISON FRANCAISE

La Maison Francaise, a project of the Department of Modern Languages, was inaugurated in the Fall of 1965. Located in Champagnat Hall, La Maison groups resident students desiring to achieve greater proficiency

in French. Residence is limited to upperclassmen who have attained the college intermediate level. However, the full program of cultural and social activities is open to all students.

#### RELIGIOUS ACTIVITIES

The program of religious activities is designed to enrich the total experience of campus life for the individual student.

The beautiful Seat of Wisdom Chapel is the center of liturgical worship for the college community and is always open for private

prayer.

Each class day the Holy Sacrifice of the Mass is offered for the college community with an emphasis on the fullest participation in the divine liturgy by all present. Confessions are heard before Mass. Regular Confession and Sunday Masses are provided for the Resident Students.

Special Devotions scheduled throughout the year include: the Mass of the Holy Spirit which officially opens the academic year; the votive Mass of the Sacred Heart on each First Friday; special October and May devotions in honor of Our Lady; Lenten services during the Penitential season.

A resident Chaplain directs the religious activities program and is always available for confessions and counseling.

#### **ATHLETICS**

Marist's spacious campus, its newly-built boat-house 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, weightlifting and golf. The intramural program offers a variety of activities including handball, basketball, bowling, golf, softball, touch football, and wrestling.

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 which encourages as broad a students participation as possible in the physical education program and in intercollegiate and intramural sports.

# Admissions Information

# ADMISSION TO FRESHMAN CLASS

The applicant must have graduated from an accredited high school and normally have completed sixteen units, of which fourteen must be in academic subjects. The following is the distribution of units:

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

Application for admission is to be made on an official form obtainable from the office of the Director of Admissions. Application should be made well in advance of the term for which admission is sought. The procedure is as follows:

- 1. Transcript of record and principal's recommendation: The student completes the required sections of the application for admission and returns it to the college. The secondary school record form should be presented to his high school princripal or guidance director. After completing the form the principal or guidance director returns it to the Director of Admissions. The secondary school record should contain the sixth term marks in the case of an applicant who has not yet graduated from high school.
- 2. Entrance examination: Applicants to the day division must submit the results of the Scholastic Aptitude Test of the College Entrance Examination Board. (C.E.E.B. morning session). Applicants for the evening division should submit C.E.E.B. scores. If however an applicant has been out of school for a number of years he may take the entrance test of Marist College.

Students transferring from other colleges must also submit the results of the C.E.E.B. Scholastic Aptitude Test.

3 When the committee on admissions has made a final decision on the student's application, he will be notified of the decision by mail. This notification usually comes about a month after all documents are received by the college.

Students seeking advice on admission or on such matters as preparation or choice of curriculum may call for an appointment with the Director

of Admissions, while the college is in session.

An applicant who has been accepted is required to inform the Director of Admissions within a specified time that he intends to enter the college. This notification must be in writing and must be presented together with the matriculation fee of \$25. Should the applicant fail to matriculate at this college, the fee is non-returnable.

Health report: Each student must supply a health report from his doctor. This report should be filed with the Director of Admissions after the student has been accepted for admission to Marist College.

#### ADVANCED PLACEMENT

Marist College recognizes the Advanced Placement program. The specification and granting of credit, however, is administered by each department in which credit is applied for by the individual student. Information about Advanced Placement credit may be obtained by writing to the Registrar.

# PROFICIENCY EXAMINATIONS

The college grants credit for College Proficiency Examinations 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 \$5.00

for each credit accepted.

### ACCEPTANCE OF TRANSFER CREDITS

A student who wishes to transfer to Marist College 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. Credit will in general be granted for appropriate courses in which the applicant has maintained at least a "C" grade. Students with an Associate of Arts degree may transfer all the credit received.

# ADMISSION OF NON-MATRICULATED STUDENTS

The college is 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; except that a student in attendance at another college may present, in lieu of the usual credentials, 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.

# STUDENTS FROM FOREIGN COUNTRIES

Applicants who have completed a portion or all of their education in a foreign country should submit a transcript of such training to the Director of Admissions well in advance of the semester in which they intend to enter the college. If the student's native language is not English, he should submit a statement that he knows English well enough to follow the courses with profit. Such certification may be made by the American Consul or through a qualifying examination. For information about this examination, the applicant should write to the Director of Admissions.

If the student's knowledge of the language is insufficient, he will be required to take special training in English *before* being allowed to register for the regular college program.

### EVENING SCHOOL SPECIAL REGULATIONS

The procedure for admission to the evening school is similar to that of the day session. All application forms and transcripts for degree candidates must be filed with the Director of Admissions one month in advance of the registration date of the semester for which the student applies. Entrance tests are given on special dates for the evening school applicants.

# EARLY ACCEPTANCE FOR ADMISSION

Early acceptance of secondary school students of superior ability, who have completed the junior year, is considered on an individual basis.

A transcript of the high school record, the student's standing in his class, a recommendation from the secondary school principal or guidance counselor, and the results of the College Entrance Examination Board Aptitude tests, must be submitted before any decision can be made regarding early acceptance.

The student should apply by December 15 of his senior year and he will notified by December 31 of the decision on his request for early acceptance.

A letter from the student must accompany his application stating that Marist College is the only college that he is applying to and that if accepted he will attend Marist College.

# Tuition & Fees

## STATEMENTS OF FEES

TUITION	
Per semester, until September 1967	\$400.00
Per semester, effective September 1967	500.00
A student with twelve of more semester hours in any semester is considered a full-time student.	
Per semester hour	
Degree students, until September 1967	\$25.00
Degree students, effective September 1967	30.00
Special students, until September 1967	27.00
Special students, effective September 1967	32.00
Room and Board, per semester	450.00
Effective September 1967	500.00
Matriculation fee	25.00
General Deposit	150.00
General Deposit for all returning resident upperclassmen Due on or before May 1. Academic dismissal is the only basis for refund.	50.00
Application fee	10.00
Registration fee	5.00

Late registration fee	10.00
Activities fee, day	30.00
Activities fee, evening	5.00
Deferred examination and re-examination fee	5.00
Graduation fee	25.00
Change of program fee	1.00
Transcript fee	1.00
Parking fee	1.00
Room key deposit	2.00
Certain science departments require internal key and break- age deposits which are refundable at the end of the semes- ter, providing all materials are returned intact.	

## **EXCESS CREDIT HOURS**

The average number of credits for an academic year is 32; that is, 16 each semester. The maximum credits permitted each semester is 18 hours, the minimum 12. Any deviation from this must have the approval of the Dean.

A student may request permission to take more than the maximum hours to accelerate his course, to make up for past deficiencies or to enrich his program. It permission is granted, the cost of such extra courses is \$30 per credit hour.

## PAYMENT OF FEES

All students registering at Marist College for the first time are required to pay tuition and fees *in full* at the time of registration.

Returning students may elect a deferred payment plan with fees payable according to the following schedule:

Fall Semester

Sept. 15 ( $\frac{1}{2}$  all tuition, and fees)

Oct. 15 (Payment in full, with NO service charge)

Dec. 15 (last date for payment of all fees)

Spring Semester

Feb. 1 (½ all tuition, and fees)

Mar. 1 (Payment in full, with NO service charge)

May 1 (last date for payment of all fees)

A service charge of \$2.00 per hundred dollars, or fraction thereof, will be added to all outstanding balances after October 15 (fall) and March 1 (spring), with the entire outstanding amount due December 15 (fall), and May 1 (spring).

The college also cooperates formally with two independent agencies which arrange for financing of college costs on payment basis of one to six years. Both plans include attractive insurance clauses which provide for coverage of college expenses in the case of death or disability of the parent. Information about either agency (The Tuition Plan, Inc, 575 Madison Avenue, New York, New York 10022, or Insured Tuition Payment Plan, c/o Richard C. Knight, 38 Newbury Street, Boston) may be obtained either by writing directly to the agency or by inquiry to the Business Office of Marist College.

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

Corporation

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.

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, Albany, New York, 12224, or to the business office. The semester deadlines for filing are: December 1, fall; April 1, spring.

Students who are holder 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.

The business office prefers payment by check. Payments may be made at the time of registration, by mail, or 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, NOR 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 registrar 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 registrar'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 withdrawl may be made of the amount paid for board at the per diem college rate.

## Financial Aid

### STUDENT FINANCIAL AID AT MARIST

Financing a college education is a serious problem to many young men. 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. The following types of aid are available to students who attend Marist.

### **SCHOLARSHIPS**

The New York State Regents Scholarships provide for \$250.00 to \$1000.00 per year to many New York State residents. Other states may offer similar scholarships.

## **GRANTS**

1. New York State Scholar Incentive Plan.

Most New York State residents will qualify for grants of from \$100 to \$500 per year under this plan. Grants are renewable upon application for each of the four years at Marist. (Your high school guidance counselor or principal can give you complete details regarding the N. Y. State scholarships and grants and may know of other special scholarships available to you.)

2. Federal Educational Opportunity Grants.

These grants, \$200 to \$800 per year are available to all students whose "adjusted" family income (considering number of children in family, number of children attending college, family assets, etc.) is \$7000 per year or less. An extra \$200 per year is awarded if a college student has been in the upper half of his class the previous school year.

### MARIST GRANTS-IN-AID

Marist College has limited funds available for grants-in-aid to Freshmen with superior high school records and financial need. These grants are renewable each year provided the student has maintained the necessary academic index. Those interested in a grant-in-aid should note that fact on a sheet attached to the application for admission to Marist.

### LOANS

1. N. Y. State Higher Education Assistance Plan.

Under this plan N. Y. State residents can borrow money to the following amounts. Freshmen \$750, Sophomores \$1000, Juniors \$1250, Seniors \$1500. No interest is charged while the borrower is in college, 3% is charged after graduation. The loans are made directly from your local bank. Your Guidance Counselor or Bank can give you details.

2. Federal Insured Loan Plan.

Under this plan loans of up to \$1000 per year, insured by the National Government, can be made from participating banks or institutions. Residents of any state qualify under this plan. Like the New York State plan, if your family income is under \$15,000. you need pay no interest while in school and only 3% after graduation. Loans will be insured for borrowers whose family income is over \$15,000 but these students must pay all interest charges.

## NATIONAL DEFENSE EDUCATION ACT LOANS

A limited amount of loan money is available at Marist under the National Defense Education Act. Loans, of up to \$1000 per year are made to students who qualify. No interest is charged while in school, 3% thereafter. 10% of a loan is cancelled for each year, up to five, a borrower teaches in a public or private school after graduation. If the borrower teaches in a so-called "needy" area, 15% of the loan is cancelled for each year of such teaching.

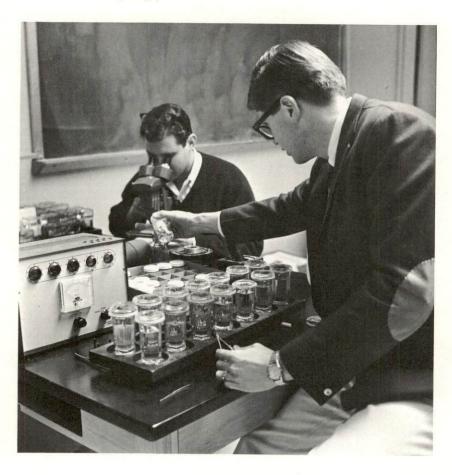
## PART-TIME WORK

Although Freshmen are generally advised to consider college a full time job, sometimes it is necessary to work part time if one is to go to college at all. A limited number of on-and-off-campus jobs are available at Marist. Some jobs require special skills such as typing, but many are those any ambitious young man can fill.

An increasing number of jobs have become available under the "Work-Study" program of the Higher Education Act of 1965. Last year

all students who qualified on the basis of financial need were placed in these jobs. Pay rates start at \$1.25 per hour, a student may work up to 15 hours per week. An adjusted family income of \$10,000 per year or less qualifies a person for this program.

The Parents Confidential Statement of the College Scholarship Service is required for the Marist Grant-in-Aid, the Federal Educational Opportunity Grant, the NDEA Loans and the Work-Study jobs. These blanks may be obtained directly from the College Scholarship Service, Box 176, Princeton, New Jersey, and should be returned to them with a request that a report be sent to Marist College. An application for any or all of these programs will be sent to you when you are accepted at Marist. If you are interested, please return the completed form as soon as possible. Early application is considered in awarding grants or loans and in assigning jobs.



# Courses of Study

## DEGREE REQUIREMENTS

The degree requirements at Marist College consist of coursework, and certification by the student's major department that he is competent in his area of major interest.

A student must pass 129 credits in approved courses with a minimum average grade of C or a 2.00 index. At least one year or 32 credits must be taken at Marist College in order to obtain the Bachelor of Arts degree. About two-thirds of the coursework is in general-liberal education, the remainder divided between major field and electives. The general studies are divided between the areas: philosophy and theology; history, English and language; and mathematics and science.

The student's major department must certify that the student has mastered the elements of the area and is capable of independent study. The form of this certification is left to the individual departments. Many departments employ a combination of the following criteria: senior research project, oral or written comprehensive examinations, participation in seminars, the Graduate Record Examination. It is the responsibility of the student to learn from his departmental adviser which requirements are applicable and to arrange to take the required examinations. A student who has attended Marist College and transferred to another college or university before graduation may under certain conditions be awarded a degree from Marist College if he has successfully completed 95 semester hours at Marist.

Transfer students must take at least four semester courses in their major field at Marist College.

## THE LIBERAL ARTS CURRICULUM

The Curriculum at Marist is designed to achieve the development of the whole man, through competent career preparation, combined with understanding of the human spirit — man's importance in the universe and his

intimate relationship to God and to his fellow man.

Every graduate of Marist will be expected to show competence in areas of study which have long been recognized as important in the development of the well-rounded Christian personality: classical or modern language, English, economics, history, mathematics, philosophy, psychology, religion, and science.

The student is expected to develop an understanding of the fundamental structure of the American economy, and of the business world. He will be required to explore the Christian and European impact on Western culture so that he may be better able to understand his own contemporary American society. And a thorough knowledge of American history will enable him to prize his heritage of freedom through responsibility.

Since the technological advances of this century have done away with the ancient barriers of time and distance, twentieth-century man must learn to communicate with all other men on this shrinking planet. Today, facility in language has assumed a basic importance. To meet this need, Marist's modern language courses emphasize the spoken word. The English area courses both train the student to write and speak with competence and assist him to gain understanding and enjoyment from the literatures of England and America.

The pace of modern life makes it essential for the individual to have some understanding of his own mental operations, his emotions, his desires, his moods, so that he may more adequately cope with the problems of everyday living. The psychology requirement attempts to enable the student to gain this basic understanding.

The philosophy curriculum assists him in achieving a clearer realization of the unity of truth, in fitting the "pieces" of his knowledge into an integrated whole, and in relating knowledge with action.

The religion area courses probe the fundamental concepts of the Christian faith through intensive study of the Old and New Testament.

In each of these areas of human knowledge, Marist will challenge the student to exert his own powers of imagination and intelligence. He will be expected to meet the demands of precision, organization, and independent judgment, and to interpret the "larger issues" that shape human experience, that in so doing he will prepare himself for a productive and rewarding life.

## COOPERATIVE ENGINEERING PROGRAMS

Marist College maintains cooperative engineering programs with The Catholic University of America and with the University of Detroit.

Students may take three years of courses at Marist College to be folowed by two years of intensive engineering training at the Catholic University of America. At the end of their first year at Catholic University they will receive their B.A. from Marist College with a major in mathematics, physics or chemistry. At the end of the second year, they will receive their B.E. from Catholic University in electrical, chemical, mechanical or civil engineering.

An alternate program is the cooperative work-study program with the University of Detroit. Marist College students may 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 towards 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 attendance at the University of Detroit and alternate 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 either of these programs should register with the coordinator of engineering education during their freshman year.

## PRE-PROFESSIONAL PROGRAMS

Marist College offers courses in pre-legal, pre-dental, pre-medical and pre-engineering education. Care should be taken by students to insure that the prerequisite courses required by a professional school are included in their course of study. Students planning to enter medical school should consult with the pre-medical advisor 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 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 Dean 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.

## THIRD YEAR ABROAD

Spending a year in a foreign country can be a broadening experience. While complementing one's own American background, it provides the opportunity to gain an insight into another people's culture and civilization by direct personal contact.

Marist College encourages such living and study abroad and helps make all necessary arrangements. Students considering this program should inform the faculty representative for THIRD YEAR ABROAD of their interest early in the third semester.

A cumulative index of 2.75 is normally required for consideration. For just reasons, this may be waived in particular instances.

## TEACHER EDUCATION

### THE PROGRAM: DIRECTION AND PURPOSE

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 Department, 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 in 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;
- An intensive training in a major field, as well as in professional courses, which he may continue to build after his graduation from Marist;
- 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.

### ADMISSION TO THE PROGRAM

A student may apply for admission to the program at the end of his sophomore year, and, in certain conditions, at the end 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.

#### **ADVISERS**

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.

### PRE-PROFESSIONAL EXPERIENCE

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 in tutoring, or in recreational supervision, or in participation in rehabilitation programs, or in 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.

## THE SEMESTER OF PROFESSIONAL PREPARATION

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 following courses devoted to the social and psychological foundations of education, including 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. At the same time, he participates in the education seminar, which deals with the principles and problems of secondary education.

#### COMPREHENSIVES

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.

## MAJOR IN BIOLOGY

			FRESHM	IAN YEAR		
Theol.	110-11		Sacred Scrip		3	3
Eng.	105-6			to Literature	3	3
Chem.	101-2		Modern, Inc	organic Chemistry	3	3
Chem.	103-4		Gen. Chem.	Lab.	1	1
Psych.	103		Introductory	Psychology	3	::
Hist.	102	or	Eco. 203		_	3
Math.	103-4		College Alge	ebra & Calculus I	3	3
Math.	104-20	)1	Calculus I &	र ।।	3	3
PE	101-2		Physical Ed		1	1
Eng.	100			aposition (if necessary)	_	(3)
0			8	position (in necessary)	17	17
			SOPHOM	ORE YEAR	1/	1/
Phil.	201-2		Metaphysics-	-Man	3	3
Bio.	201-2		General Bio.		4	4
Math	201	or	Math. 205		3	_
Hist.	201-2		United States	8 & the World I & II	3	3
Hist.	101-2		Medieval—E	arly Modern	3	3
Electives	;			,	4	6
					17	16
			<b>JUNIO</b>	R YEAR	1/	10
Theol.			Elective		3	_
Phil.			Elective		_	3
Eng.			Literature (If	Comp. was not taken)	_	3
Eco.	203	or	Hist. 201		3	_
Major					8	8
Electives					3	3
					17	17
			SENIOR	R YEAR		- 1
Theol.			Elective		3	-
Phil.			Elective		_	3
Major					4	4
Electives					7	7
					14	14
hert -				MARY	200 THE	CECCET.
Theology			12	Science		16
Philosoph	hy		12	Psychology		3
English			9	Physical Education		3 2 24
History	and a		9	Major		24
Economic	CS		3	Electives	3	3-30
Mathema			6-9	Company of the Compan		5 50

## MAJOR IN BUSINESS

		FRESHMAN T	VEAD		
			IEAK	2	2
	110-11	Sacred Scripture	•	3	3
Eng.	105-6	Introduction to L		3	3
Hist.	101-2	Medieval—Early		3	9
	103 or 104	College Algebra o	r Calculus I or	3	_
Math.	105	Modern Math.	71 '	3	-
Science		Biology—Chemist	ry—Physics	-	3
Langua				3	1
PE	101-2	Physical Education		1	
Eng.	100	English Composit	ion (if necessary)		(3)
				16	16
		SOPHOMORE	YEAR		
Phil.	201-2	Metaphysics—Ma	n	3	3
Eng.	201-2	American Literat		3	3
Hist.	201	United States &	The World I	3	_
	age or Elective			3	3
Eco.	203-4	Principles of Ec	onomics I-II	3	3
Major		•		3	3 3 3 3
Electiv	es			_	3
				18	18
		JUNIOR Y	FAR		
TI 1		Elective	LITTE	3	_
Theol.		Elective		_	3
Phil.	205	Introductory Stat	istics	3	
Math.		Personality Deve		_	3
Psych.	209	reisonanty Deve	юртене	3	- 3 6 4
Major				6	4
Electiv	res			15	16
				1)	10
		SENIOR Y	EAR	2	
Theol.		Elective		3	_
Phil.		Elective		_	3 9
Major				6	2
Electiv	res			_6	
				15	15
		SUMMAI	RY		
Theol	nev	12	Mathematics		6
Philos		12	Science		
Englis		12	Psychology		3 3 2
Histor		9	Physical Education		
Econo		6	Major		24
Langu		6-12	Electives		28
Lunge	200				

## MAJOR IN CHEMISTRY

· ·			
	FRESHMAN YEAR		
Theol. 110-11	Sacred Scripture	3	3
Eng. 105-6	Introduction to Literature	3	3
Chem. 101-2	Modern, Inorganic Chemistry	3	3
Chem. 103-4	Gen. Chem. Lab.	1	1
Psych. 103	Introductory Psychology	3	_
Hist. 102 or		_	3
Math. 104-201	Calculus I & II	3	3
PE 101	Physical Education	1	1
Eng. 100	English Composition (if necessary)	-	(3)
	•	17	17
	SOPHOMORE YEAR		
Phil. 201	Metaphysics—Man	3	3
Phys. 205-6	General Physics	4	4
Math. 202	Calculus III	3	
Hist. 201-2	United States & the World I-II	3	3
or			
Hist. 101-2	Medieval—Early Modern	3	3
Major		3	4
Electives			3
		16	17
	JUNIOR YEAR		
Theol.	Elective	3	-
Phil.	Elective	_	3
Eco. 203 or	Hist. 201	3	_
Major		8	8
Electives		3	6
		17	17
	SENIOR YEAR		
Theol.	Elective	3	_
Phil.	Elective	_	3
Eng.	Literature (If Comp. was not taken)	3	_
Major		4	3
Electives		6	6
		16	12
	SUMMARY		
Theology	12 Science		16
Philosophy	12 Psychology		3
English	9 Physical Education		2
History	9 Major		30
Economics	3 Electives	2	4-27
Mathematics	6-9	_	

## MAJOR IN MATHEMATICS

MAJOR IN MA	ATTIEMATICS	
	FRESHMAN YEAR	
Theol. 110-11	Sacred Scripture	3 3
Eng. 105-6	Introduction to Literature	3 3
Phys. 205-6	General Physics	$3(4) \ 3(4)$
Psych. 101	Introductory Psychology	3 -
Hist. 102 or	Eco. 203	- 3
Math. 104-201	Calculus I & II	3 3
PE 101-2	Physical Education	1 1
Eng. 100	English Composition (if necessary)	- (3)
		16(17)16(17)
	SOPHOMORE YEAR	
Phil. 201-2	Metaphysics—Man	3 3
Science	Biology, Chemistry, Psychology o	
Science	Physics	$3(4) \ 3(4)$
Math. 201-301	Calculus III—Differential Equations	3 3
Hist. 201-2 or	U.S. & the World I—II	3 3 3 3 3 3
Hist. 101-2	Medieval—Early Modern	3 3
Math. 311-2	Abstract & Linear Algebra	3 3
Tractit. J. L. Z		15(16)15(16)
	HINIOD VEAD	15(10)15()
pert 1	JUNIOR YEAR Elective	3 -
Theol.	Elective	- 3
Phil.	Hist. 201	3 -
Eco. 203 or	Hist. 201	3 – 6 6
Major		6 6
Electives		
		18 18
	SENIOR YEAR	
Theol.	Elective	3 -
Phil.	Elective	- 3
Eng.	Literature (If Comp. was not taker	3 - 3 3 6 6
Major		3 3
Electives		6 6
Seminar		3
		15 15
	SUMMARY	
Theology	12 Science	12-16
Philosophy	12 Psychology	3
English	9 Physical Education	on 2
History	The state of the s	30
Economics	9 Major 3 Electives 9	28-24
Mathematics	9	

## MAJOR IN PHYSICS

J		FRESHM	AN YEAR		
Theol.	110-11	Sacred Script		3	3
Eng.	105-6	Introduction		3	3
Chem.	101-2		rganic Chemistry	3	3
Chem.	103-4	Gen. Chem.		1	1
Psych.	103	Introductory	Psychology	3	-
Hist.	102 or	Eco. 203		_	3
Math.	104-201	Calculus I &	: II	3	3
PE	101-2	Physical Educ		1	1
Eng.	100	English Com	position (if necessary)	_	(3)
				17	17
		SOPHOMO	DRE YEAR		
Phil.	201-2	Metaphysics—	-Man	3	3
Phys.	205-6	General Phys		4	4
Math.	202-301		-Diff. Equations	3	3
Hist.	201-2	United States	& the World I & II	3	3
OI					
Hist.	101-2	Medieval—Ea	rly Modern	3	3
Electives	3			3	3
				16	16
			YEAR		
Theol.		Elective		3	_
Phil.		Elective		_	3
Eco.	203 or	Hist. 201		3	_
Major				6	6
Electives				3	8
				18	17
		SENIOR	YEAR		
Theol.		Elective		3	_
Phil.		Elective		_	3
Eng.		Literature (if	Comp. was not taken)	3	
Major				6	6
Electives				3	3
				15	12
		SUMM	ARY		
Theology		12	Science		16
Philosop	hy	12	Psychology		3
English		9	Physical Education		2
History		9	Major		27
Economic		3	Electives		30-23
Mathema	atics	12			

# MAJOR IN PSYCHOLOGY

## FRESHMAN YEAR

Theol.	110-11	Sacred Scripture	3	3
Eng.	105-6	Introduction to Literature	3	3
Psych.	103	Introductory Psychology	3	_
Hist.	102	Early Modern Civilization	_	3
O	r			
Eco.	203	Principles of Economics	_	3
Math.	103-104	College Algebra—Calculus I	3	3
O	r			
Math.	104-201	Calculus II & III	3	3
Chem.	101-103	Modern Chemistry and Lab.—Elective	4	3
PE	101-2	Physical Education	1	1
Eng.	100	English Composition (if necessary)	-	(3)
		_	17	16
			1,	2.0
		SOPHOMORE YEAR		
Phil.	201-2	Metaphysics—Man	3	3
Bio.	201-2	General Biology	4	4
Hist.	201-2	United States & the World I—II	3	3
O	or			
Hist.	101-2	Medieval—Early Modern	3	3
Math.	205	Introductory Statistics	3	-
Eng.		Literature (if Comp. was not taken)	-	3
Major			3	3
ŕ		•	16	16
		JUNIOR YEAR		
Theol.		Elective	3	_
Phil.		Elective	_	3
Bio.	403	Physiology	4	_
Eco.	203	Principles of Economics	3	_
	or	1		
Hist.	201	United States & the World I	3	_
Major			6	6
Elective	es		-	9
			16	18

## SENIOR YEAR

Theol.	Elective	3)	3	
Phil.	Elective		_	3
Major			6	6
Electives			6	6
			15	15
	SUMN	MARY		
Theology	12	Science		16
Philosophy	12	Psychology		3
English	9	Physical Education	i.	2
History	9	Major	•	30
Economics	3	Elective		24
Mathematics	9			24

# Programs of Study

## GENERAL DEGREE REQUIREMENTS

The formal requirement for attaining the Bachelor of Arts degree at Marist College is 129 credit hours of work. The courses constituting this number of credits may be categorized as core, major and elective courses, and the student's total of 129 credit hours must be distributed among core, major and elective courses as described further on. Each student must also fulfill certain requirements set by the department in which he does his major work. These requirements are specified in the

catalog under the various departmental headings.

It may be useful at this point to define certain terms. A core subject is one which is required of all students for graduation. The total core credit requirement is somewhat variable and depends not only upon the area in which a student does his major work, but also on his high school background and competence. A major course is one by which a student fulfills the requirement of specialization and depth in his degree study. Most departments operate a major program, and each of these specifies in the catalog the major requirement in terms of required courses and total credit hour requirement. The latter varies from department to department from 24 to 30 credit hours. An elective course, as the name implies, is a course which a student may choose at his own discretion and in consultation with his adviser. Such courses make up the difference between the sum of credit hours in the core and major, and the total number of credit hours required for graduation. Elective courses provide the student with the opportunity to pursue personal interests, and to achieve further depth and variety in the curriculum.

The term *area* has been used several times in the preceding paragraph. It is a term that is employed for convenience of description, and refers to groupings of disciplines. The humanities area includes the disciplines, English, history, and modern and classical languages; the mathematics-science area includes biology, chemistry, mathematics, physics, and psy-

chology, while the business area refers to business only.

In summary, a student fulfills the formal requirements for the degree by taking a certain number of courses in core, major, and elective categories, which courses add up to 129 credit hours, and by fulfilling certain departmental requirements.

## II. CORE REQUIREMENTS

The following are requirements for all students.

- A. Theology-Philosophy. A total of 24 credit hours is required of students in theology and philosophy as described below.
  - Theology: 12 credit hours as follows: Theol. 110, 111, and 6 credits of elected courses.
  - 2. Philosophy: 12 credit hours as follows: Phil. 201, 202 and any two courses in the 300 series.
- B. Physical Education. 2 credit hours in Physical Education 101-102.
- C. English Language Skills.

No student may graduate who has not demonstrated a sufficient degree of competence in written English. During his first semester at Marist, his competence is judged on the basis of a series of papers assigned in each of his courses. Students who show writing deficiencies will be required to attend remedial sessions conducted by members of the English Department. Those who do not attain an adequate level of proficiency will be required to take English 100 in the second semester.

## III AREA CORE REQUIREMENTS

- A. Humanities Area Majors
  - 1. Literature and Language: 18-24 credit hours
    - a. Literature in English: 12 credit hours which include Eng. 105, 106, 201, and 202.
    - b. Foreign Language Skills and Literature: 6-12 credit hours This requirement is flexible because ti is based upon the student's high school background and competence. Consult the core requirements listed under the language department offerings.
  - 2. History-Economics: 12 credit hours
    - a. History: 9-12 credit hours
    - b. Economics: 0-3 credit hours The required courses in history are Hist. 101, 102 and 201. The student then has the option of taking Hist. 202 or Econ. 203.

- 3. Mathematics-Science: 12 credit hours. Students having a comparable background in mathematics and science are required six credit hours in each; otherwise they must take three credit hours in one and nine in the other, the emphasis being on the area in which the high school background is weaker. A comparable background is one in which the discrepancy in the number of years of study in high school between mathematics and science does not exceed one year. Arts students, after consultation and with the consent of their adviser, may satisfy the core requirement in mathematics by one three-credit course.
  - a. Mathematics: 3-9 credit hours Humanities area majors ordinarily fulfill the mathematics requirements with Math. 105, 106. However, they may also choose from Math. 103, 104, 201, and 202.
  - b. Science: 3-9 credit hours

    A six credit hour requirement is fulfilled by either Bio. 100 or Psych. 209 and either Chem. 105 or Phys. 105. With respect to the first option, Psych. 209. should be taken if the student's background includes a course in advanced biology; with respect to the second, the student should take the course for which he does not have previous high school experience. A nine credit requirement is fulfilled by optioning a third course from those offered above.

## B. Mathematics-Science Area Majors

- Literature in English: 6-9 credit hours. English 105 and 106 are required for six credit hours. Furthermore, a student who is not required to take a course in composition must take a third literature course for three credit hours to complete the total English requirement of nine credit hours.
- 2. History-Economics: 12 credit hours.
  - a. History: 9 credit hours
  - b. Economics: 3 credit hours The history-economics requirement may be fulfilled in one of two ways: (1) Hist. 101, 102 and 201 and Econ. 203 or (2) Hist. 102, 201, and 202 and Econ. 203.
- 3. Mathematics-Science: 23-31 credit hours
  - a. Psychology: 3 credit hours Psych. 103
  - b. Mathematics: 6-12 credit hours as follows: Chemistry and mathematics majors must complete mathematics up to and including Math. 202.

Physics majors must complete up to and including Math. 301. Biology majors are required to complete through Math. 104 and either Math. 201 or 205.

Psychology majors are required two courses from the group Math. 103, 104, 201, and 202 in addition to Math. 205.

c. Science: 12-16 credit hours as follows:

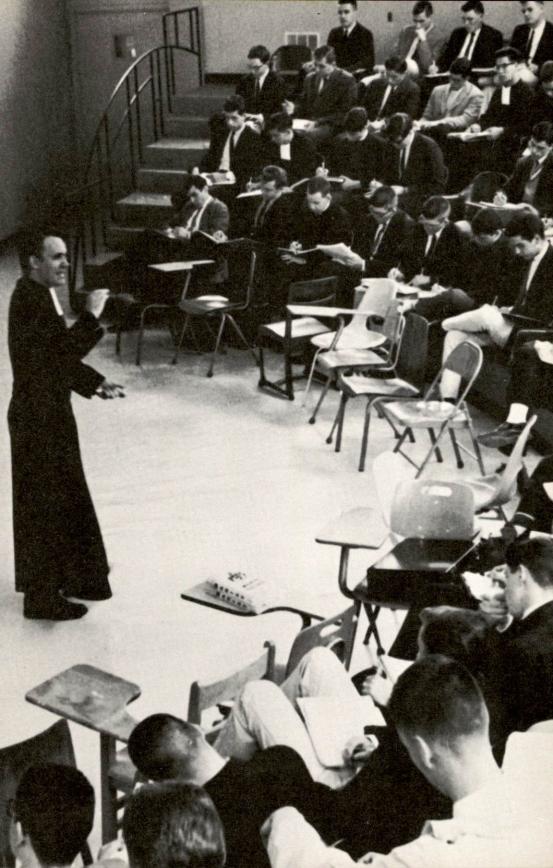
Biology Majors: Bio. 201-202 and Chem. 101, 102, 103-104. Chemistry and Physics Majors: Chem. 101, 102, 103, 104, and Physics 205, 206.

Mathematics Majors: Phys. 205, 206, and either Bio. 201-202 or Chem. 101, 102 or additional courses in science, psychology or economics. (See Adviser).

d. Psychology Majors: Bio. 201-202; Chem. 101, 103 and Bio. 403.

## C. Business Area Majors

- 1. Literature and Language: 15-24 credit hours.
  - a. Literature in English: 9-12 credit hours. English 105 and 106 are required for six credit hours. Students who are not required to take a course in composition complete the total English requirement with Eng. 201, 202 for a total of 12 credit hours, while those who have taken the composition course must take one of the aforementioned courses.
  - b. Foreign Language Skills and Literature: 6-12 hours. This requirement is flexible because it is based upon the student's high school background and competence. Consult the core requirements listed under the language department offerings.
- 2. History-Economics: 15 credit hours.
  - a. History: 9 credit hours as follows: Hist. 101, 102 and 201.
  - b. Economics: 6 credit hours as follows: Econ. 203, 204.
- 3. Mathematics-Science: 12 credit hours.
  - a. Mathematics: 6 credit hours as follows: Math. 205 and one other course chosen from Math. 103, 104, 105, 106, 201, 202.
  - b. Science: 6 credit hours as follows: Psych. 209 and one course chosen from Bio. 100, Chem. 105, and Phys. 105. Priority of choice should be given to a science that the student has not previously studied in high school.



## The Curriculum

### ANTHROPOLOGY

Courses administered by Chairman of Psychology Department. Refer to Psychology for course offerings.

### ART

MRS. E. RIMAI FISHER, Artist in Residence

MRS. EVA PLAUT, Lecturer

Mr. EMMETT MURPHY, Lecturer

#### ART WORKSHOP 101

Three Credits

Introductory art experience at the individual level. Total design explored with two-dimensional media. Creative and expressive work as part of the development of self. Related study of the contributions of painters identified with modern art.

### ART WORKSHOP 102

Three Credits

Exploration of color. A practical study of the dynamics of color; the exploration, in original work, of the variability and interdependence of color; recognition and use of color in plastic art; organization of color in terms of space-form concept; the search for a personal color vocabulary.

## ART 110 Art from the Impressionists' Revolt to Our Time.

Three Credits

A study of the development of the visual arts, painting, sculpture, architecture; their origin in past cultures; the impact, on the plastic arts, of our mechanized civilization and its technological contributions; the salient characteristics and vital relationship of art to culture areas. Pertinent slides will illustrate lectures.

ART 111 The Artist as a Cultural Force. Three Credits
Investigation of the Twentieth Century's major creative figures in the
visual arts; the evolution of their inventive, original work; their specific

contributions of significance to the art forms of our time; inquiry into the basic aesthetic principles common to all the creative arts. Lectures supported by relevant slides.

Three Credits MUSIC 101 Introduction to Music Literature

The role of music in Western Civilization as appraised through a study of representative works from each period. A chronological survey of the periods and schools of vocal and instrumental music, sacred and secular, from the beginning of its development to the present.

MUSIC 201-202 Creative Music. Six Credits

For students who have a need to express themselves through a musical medium of their choice: composing, conducting, chamber music, solo

performing and advanced sight singing.

Practical knowledge of functional harmony and experience in rhythmic composition leading to a musical analysis geared toward the development of the "inner hearing" and personal interpretation. Analysis of a long work such as "The Messiah" and of shorter compositions.

### BIOLOGY

MR. DANIEL J. BEAN, Instructor, Chairman

DR. GEORGE B. HOOPER, Associate Professor

MR. JOSEPH S. BETTENCOURT, Instructor

BRO. HUGH TURLEY, Instructor

Area Requirement. There is no area requirement in Biology. However, Biology 100 may be taken to partially fulfill the science area requirement for nonscience students.

Major Field Requirement. A student majoring in biology must complete a minimum of 24 semester hours in biology beyond Bio. 201-202 and pass a comprehensive examination given in the second semester of his senior year. Upperclassmen may elect to take Chem. 305-306 or Chem. 409-410 in place of two major courses providing they have taken the prerequisite courses and have the consent of their adviser. Majors planning to continue their education in medical or graduate school are strongly urged to take Chem. 203-204 and Phys. 205-206.

Principles of Biology. Three Credits A course designed to introduce the nonscience major to biological principles and concepts. This course is not to be taken by biology majors or pre-medical students. Two hours lecture, two hours laboratory per week. One semester.

BIO. 201-202 General Biology. **Eight Credits** An introduction to biological organization at the level of the cell, organism, population, and community and ecosystem.

#### MARIST COLLEGE

BIO. 303 Embryology. Four Credits
A study of the principles of growth and development in vertebrates.
Emphasis in laboratory is placed on chick and pig 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 physiological cytological, and histological principles and 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 are centered around the fruit fly, Drosophile melanogaster.

Prerequisite: Bio. 201-202
Three hours lecture, three hours laboratory per week. One semester.

BIO. 306 Vertebrate Zoology. Four Credits
An introduction to the evolution, classification, distribution, and ecology of the vertebrates. Laboratory work includes methods of identification and ecology of local faunas.

Prerequisite: Bio. 201-202
Three hours lecture, three hours laboratory. 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.

Prerequisite: Bio. 201-202
Two hours lecture, four hours laboratory per week.

BIO. 309 Aquatic Plants.

A study of structure and interrelationships in aquatic communities including a survey of biota with emphasis on plant types, habitats and environmental factors. Community dynamics, succession, seasonal progression, blooms and controls are topics considered.

Two hours lecture, four hours laboratory per week.

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
Three hours lecture, three hours laboratory per week.

- BIO. 403 Physiology. Four Credits
  Includes consideration of comparative aspects of excretion, digestion,
  metabolism, circulation, respiration, control mechanisms and reproduction. The laboratory demonstrates physiological principles and
  techniques in a variety of animals.

  Prerequisite: Bio. 201-202
  Two hours lecture, four hours laboratory per week. One semester.
- BIO. 404 Evolution. Three Credits

  A study of the development and present status of evolutionary theory.

  Three hours lecture. One semester.
- BIO. 405 Comparative Anatomy. Four Credits
  A comparative study of the organ system of protochordates and vertebrates. Laboratory includes the dissection of the shark and cat.

  Prerequisites: Bio. 201-202
  Two hours lecture, four hours laboratory per week. One semester.
- Seniors may conduct an independent research project under faculty supervision over a two-semester period for four credits. They are expected to spend at least eight hours per week on the project. Final evaluation is based on a written report that must be submitted to the adviser by the end of the first week in May and an oral examination. Interested students should notify their adviser of their intentions by mid-semester of their junior year.
- An introduction to the scientific literature. Students present reports of scientific papers with discussion by the class. The seminar is required of all Biology seniors.

  One hour per week. One semester.

### **BUSINESS**

BRO. CORNELIUS J. RUSSELL, Assistant Professor, Chairman

MR. JOHN C. KELLY, Assistant Professor

MR. PETER A. FARRELL, Instructor

MR. JOHN J. GRIFFIN, Instructor

MR. JAMES B. FAY, Lecturer

MR. VINCENT F. KOTSCHAR, Lecturer

Mr. James F. McGovern, Lecturer

Major Field Requirement. A student who chooses business as a major field must complete a minimum of twenty-four semester hours in business courses, Econ. 203-204 and Math. 205.

Comprehensive Examination. The student's grasp of his major field will be tested either by passing a comprehensive examination, oral or written, or by successful completion of the Business 450 Seminar.

#### MARIST COLLEGE

- BUS. 201 Managerial 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 Managerial 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. 304 Financial Management. Three Credits
  A study of the financial framework within which business operates.
  Topics considered include business organization; an analysis of internal and external business financing procedures; capital and cash budgets; valuation problems. Emphasis will be placed on corporate financial policies and procedures.
- BUS. 405 Marketing Management. Three Credits

  Designed to provide the student with an understanding of the various principles and problems of marketing activities. Covers the basic functions of marketing, such as buying, selling, financing, risk taking, etc., with elaboration of each topic. Marketing "game" and case studies provide supplementary materials.

  Prerequisite: Math. 205
- BUS. 406

  Personnel Management
  and Industrial Relations.

  Three Credits

  A course designed to consider and evaluate current practices in personnel administration and labor relations. Topics include a study of the Labor movement in the United States, managerial organization and policy alternatives, and legislative influence in this field.
- BUS. 407 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. 450 Honors Seminar.

Three Credits

A course for selected business majors. It consists of weekly meetings to solve simulated business problems by applying principles and knowledge acquired in previous courses. Discussion of current business and economic problems will be emphasized. Registration by departmental invitation only.

### 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 Credit

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. 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

### **CHEMISTRY**

BRO. ANDREW J. MOLLOY, Assistant Professor, Chairman

Dr. H. MARJORIE CRAWFORD, Adjunct Professor

DR. EDWARD R. LINNER, Adjunct Professor

DR. FLORENCE S. TABOR, Adjunct Professor

BRO. RICHARD LAPIETRA, Assistant Professor

DR. ROBERT HOOPER, Assistant Professor

MR. VINCENT F. KOTSCHAR, Lecturer

MR. LEO P. RICHARD, Lecturer

- Area Requirement. Chem. 105 may be used to satisfy the liberal arts requirement in science or Chem. 101, 104.
- Major Field Requirements. A student majoring in chemistry must take 30 credits including Chem. 101-102, Chem. 103-104, Chem. 203-204, Chem. 205-206, Chem. 303-304, Chem. 305-306, Chem. 307-308, also Phys. 205-206, and Math. up to and including Math. 202. German or Russian are the recommended languages. He must also successfully pass a comprehensive examination. Senior majors in Chemistry must also take Chem. 450.
- CHEM. 101 Principles of Modern Chemistry. Three Credits
  An introduction to the principles of physical chemistry.

  Three hours lecture per week.
- CHEM. 102 Inorganic Chemistry. Three Credits

  A survey of the chemistry of the elements based on the concept of periodicity and related to atomic structure and properties.

  Prerequisite: Chem. 101

  Three hours lecture per week.
- CHEM. 103-104 General Chemistry Laboratory. Two Credits
  Three hours laboratory
- 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, and attempting to
  secure an understanding of the methods and techniques of this science.
- CHEM. 203-204 Organic Chemistry. Six Credits
  A survey of the chemistry of carbon and its compounds with emphasis on class reactions, energy relations, and modern electronic and structural theory.

  Prerequisite: Chem. 101-102
  Three hours lecture.
- CHEM. 205-206 Organic Chemistry Laboratory. Two Credits Four hours laboratory per week.

CHEM. 303 Analytical Chemistry. Four Credits
The theory and application of classical and modern noninstrumental methods of analysis.

Prerequisite: Chem. 101-102

Two hours lecture, six hours laboratory per week.

CHEM. 304 Instrumental Methods of Analysis. Four Credits
The theory and application of modern instrumentation to problems in chemical analysis.

Prerequisite: Chem. 101-102, Phys. 205-206

Two hours lecture, four hours laboratory per week.

CHEM. 305-306 Physical Chemistry. 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, and kinetics, are treated in some detail.

Prerequisite: Chem. 101-102, Math. 201-202, Phys. 205-206
Three hours lecture per week.

- CHEM. 307-308 Experimental Physical Chemistry. Two Credits
  A laboratory course designed to lead to an appreciation of the methods
  by which the experimental data from which physical and chemical theories evolve are obtained. This course is required of chemistry majors.

  Three 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. 408 Physical Organic Chemistry. Three Credits
  A study of the principles underlying the properties and reactions of organic compounds.
  Prerequisite: Chem. 203-204
  Three hours lecture per week.
- CHEM. 409-410 Biochemistry. Eight Credits

  A study of the chemistry of biological compounds and of the chemical reactions involved in the different processes occurring in the animal body.

  Three hour lecture, four hours laboratory per week.
- CHEM. 450 Seminar. Three Credits

  A planned program of reading, lectures, and discussion for the senior student with the object of promoting thinking in terms of chemistry as a whole, and correlating the student's college studies in chemistry.
- 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

#### MARIST COLLEGE

semesters to earn credit. At the end of his work the student presents an oral and written report to the department.

Prerequisite: Students planning to take this course should consult the head of department not later than the first semester of the junior year.

SCI. 103-104 Introductory Earth Science.

Six Credits

An integrated study of the phases of physiography, minerology, geology, geography, astronomy and meteorology leading to a comprehension of the earth as the abode of man.

SCI. 373 Methods of Teaching Science in Secondary Schools.

Two 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.

Open only to students enrolled in the Teacher Education Program.

### EARTH SCIENCE

Courses administered by Chairman of Chemistry Department. Refer to Chemistry for course offerings.

## **ECONOMICS**

Courses administered by Chairman of Business Department. Refer to Business for course offerings.

## **EDUCATION**

Bro. William J. Murphy, Assistant Professor, Program Director

#### ADVISERS:

Br. Joseph Belanger, Language

Br. Kevin P. Carolan, Mathematics

Br. Stephen Lanning, English

Mr. Daniel Bean, Science

Mr. Vincent Toscano, History

Courses in this area are administered by the Director of the Teacher Education Program. Refer to various disciplines for description of specific course offerings. Courses are open only to students enrolled in the Teacher Education Program.

#### **EDUCATION**

- EDUC. 405 Pre-practice Teaching. One Credit
  A program of social service involving work with children of various ages on a general level, but under the supervision of the college and private or public agencies. Designed to give the student some practical experience with young people on a semi-formal level before Educ. 451-2. Course is a prerequisite for practice teaching.
- EDUC. 451-2 Observation and Practice Teaching. Six Credits
  Clinical experience in the classroom on the junior-senior secondary
  school level including at least 80 clock hours of actual teaching under
  the bi-weekly supervision of the Office of Teacher Education and the
  academic departments. Ten weeks of full-time attendance at a secondary
  school is required.
- EDUC. 460 Seminar in Principles and Problems of Secondary Education. Three Credits
  Concurrent with Educ. 451-2. Preparation of papers on problems in secondary school work, either from the administrative or teaching aspect. Guests, including cooperating teachers, invited to participate.
- Methods of Teaching English in ENG. 371 Secondary Schools. Two Credits (See English) Methods of Teaching Social Studies in HIST. 372 Secondary Schools. (See History) Two Credits MATH. 351 The Teaching of Mathematics. Two Credits (See Mathematics) MOD. LANG. 376 Methods of Teaching Languages in Secondary Schools Two Credits (See Modern Languages) PSYCH, 351 Educational Psychology. Two Credits (See Psychology) Two Credits **Educational Testing** PSYCH. 352 (See Psychology) SCI. 373 Methods of Teaching Science in Two Credits Secondary Schools. (See Chemistry)

## **ENGLISH**

DR. GEORGE J. SOMMER, Associate Professor, Chairman

DR. JOHN SCHROEDER, Professor

DR. OSWALD LEWINTER, Associate Professor

DR. MILTON TEICHMAN, Associate Professor

MR. ROBERT NORMAN, Assistant Professor

BRO. STEPHEN LANNING, Instructor

#### MARIST COLLEGE

MR. ROBERT P. LEWIS, Instructor BRO. CYPRIAN ROWE, Instructor MR. JAMES V. MCENERY, Lecturer MRS. MARIE N. TARVER, Lecturer

- Area Requirement. The student majoring in mathematics, the natural sciences, or psychology is required to take nine credits in English; the student majoring in business is required to take twelve credits in English. If, during the fall semester of his freshman year, a student majoring in these disciplines is found to be deficient in writing ability, he will be required to apply three of his English credits to a composition course. The humanities' major (English, history, languages) is required to take twelve credits in literature. If, during the fall semester of his freshman year, he is found to be deficient in writing ability, he will be required to take an additional three credits in composition. English Composition, English 100, will be offered in the spring semester. All students are required to take Eng. 105-106, Introduction to Literature; those majoring in the humanities must also take Eng. 201-202, American Literature.
- English Major. A student wishing to offer English as his major field must present twenty-four semester hours of English courses numbered 300 or above. He must also pass a comprehensive examination.
- English Minor. A student wishing to minor in English must present twelve semester hours in English courses numbered 300 or above.
- Language. The recommended languages for the student majoring in English are French, German, Latin, and Spanish. If he expects to continue his English studies on the graduate school level, he should elect either French or German.
- Comprehensive Examination. This examination, taken in May of his senior year, tests the student's grasp of the contents of English and American literature as well as his knowledge of trends in literary development and theory.
- ENG. 100 English Composition. Three Credits

  Offered in the spring semester to freshmen who do not meet faculty standards for writing proficiency. The course focuses upon fundamentals of sentence, paragraph, and essay construction.
- ENG. 105-106 Introduction to Literature. 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 employed by the artist in each of the genres. Examples of each literary type are analyzed in class and then, through reports and class discussions, the student is encouraged to exhibit his understanding and appreciation of similar works.

- 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. 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 will emphasize the social and literary conditions that contributed to the rise and growth of the various media of communications, their aesthetic problems, and their contemporary functions.
- ENG. 307 Introduction to Linguistics. Three Credits
  A study of the internal structure of the English language as it relates to
  current patterns in speech and grammar.
- 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.
- 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. Oral and written analyses and interpretations of specific works are required in this course.
- 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.

  Oral and written analyses and interpretations of specific works are required in this course.
- 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. Oral and written analyses and interpretations of specific works are required in this course.
- ENG. 331-332 Major British Writers. Six Credits
  Selections from the principal writings of the leading literary figures in
  English Literature from Chaucer to T. S. Eliot.
- ENG. 371 Methods of Teaching English in
  Secondary Schools.

  Principles of basic methodology in secondary schools. Use of audiovisual 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.

  Open only to students enrolled in the Teacher Education Program.

- 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.
- 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. 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 or literary trend
  in English or American literature under the direction of a member
  of the department.

#### HISTORY

MR. JOHN G. WHITE, Assistant Professor, Chairman

DR. ROSCOE BALCH, Associate Professor

BRO. EDWARD CASHIN, Assistant Professor

MRS. M. E. DRENNEN, Assistant Professor

MR. GEORGE H. SKAU, Assistant Professor

DR. YUAN CHUNG TENG, Assistant Professor

MR. VINCENT TOSCANO, Instructor

MR. LOUIS ZUCCARELLO, Instructor

- Area Requirement. All students are required to take nine credits in history. Students majoring in the humanities and Business are required to take: Hist. 101, 102, 201 and either History 202 or Economics 203 to complete core requirements. Business majors are encouraged to elect Hist. 202. Students majoring in mathematics, the natural sciences or psychology may satisfy the requirements by electing the sequence Hist. 101, 102 and 201, or Hist. 102, 201 and 202.
- History Major. History majors must take Hist. 101, 102, 201, 202 and nine other courses in the department, including Hist. 450, one course in political science, and a minimum of one course in each of American, European, and Asian History. In choosing electives history majors are advised to select from areas allied to their field (economics, anthropology and sociology).

Language. The history major is strongly advised to achieve a reading knowledge of French or German.

Thesis Requirement. The history major is required to submit a thesis in his area of special interest which should demonstrate his acquaintance with the tools of historical research, his familiarity with the authorities and significant trends in the first, as well as his ability to accomplish original work.

# 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, Indus, Ganges and Hwang-Ho. Terminating in the
fifth century B.C., the course lays stress on the religious and intellectual
contributions of these societies.

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 Hildebrandian
  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 Influence. 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 the origin and spread of the 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 expression 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. 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
- 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 present day five Muslim Soviet Socialist Republics of Turkmenistan, Uzobekistan, Tadzhikistan, Kirgiziya, and Kazakhatan; the Chinese province of Sinkiang; and the northern slopes of Hindu Kush in Afghanistan.

HIST. 370 Nationalism and Communism in
Twentieth Century Asia.

Studies of the rise, development, and interplay of the Nationalist and
Communist movements of the Twentieth Century Asian countries to
the present time.

EDUC. 372 Methods of Teaching Social Studies in Secondary Schools.

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.

Open only to students enrolled in the Teacher Education Program.

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 year's war to the
coming of the Franco-Prussian war.

- 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 French Hegemony. Three Credits
  A study of the development of France in the Seventeenth and early
  Eighteenth Centuries; particular emphasis will be placed on select problems regarding France's internal development as well as her position
  on the continent and in the world.
- HIST. 402 English Hegemony.

  A study of England in the Eighteenth and early Nineteenth Centuries with particular emphasis on the development of the Parliamentary government as well as selected problems regarding England's position in the world at that time.
- HIST. 403 Europe in the Nineteenth 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. 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 to 1877, emphasizing the causes, the
  course and the aftermath of the Civil War, with a consideration of the
  lingering affects 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 economic, 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.

  An analytical 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.
- HIST. 450 Historiography. Two Credits A study of the history of historical writing, treating of authors and their tools from ancient times until the present century.
- P.S. 200 Introduction to the Study of Politics. Three Credits
  Various basic assumptions and methods of inquiry and verification;
  ecology of politics; political concepts; political structures and functions;
  unity of internal and international politics; and philosophy, empirical
  theory and ideology of politics.
- P.S. 301 Political Theory. Three Credits
  Ideas about the structure and purposes of political society as expressed by representative Western thinkers from Plato to Marx.
- P.S. 303 American Government Principles and Problems.

  A study of the nature and origin of the state as it exists in the United States. This course investigates the changes in American government necessitated by the growth of the country. It stresses modern practice and theory.

- P.S. 310 Political Systems: Europe. Three Credits
  Ecology of European politics; analysis of structures and functions of
  the governments of Great Britain, France, Germany and the U. S. S. R.;
  inquiry into the relationships of ideologies to experiences.
- P.S. 320 International Politics

  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, international law; law through limitations: disarmament, security, judicial settlement, peaceful change, international government, the U. N.; order through transformation: the world state and the world community; order through accommodation: diplomacy.

### CLASSICAL LANGUAGES

BRO. JOSEPH ROBERT LECLERC, Adjunct Professor

BRO. THOMAS MAESTRO, Instructor

- Area Requirement. A student may replace the modern language requirement (6 to 12 hours for Arts and Business majors) with a similar requirement in classical languages.
- Major Field Requirements. A student must complete twenty-four semester hours in Latin beyond the basic requirement of Latin 201-202. The precise program for each student will vary with individual needs and abilities. In every case, the program must be approved by the departmental adviser.
- Comprehensive Examination. The student's grasp of Latin Language and literature will be tested by a comprehensive examination.

Minor. Greek courses may be taken as a minor for those who major in Latin.

#### **GREEK COURSES**

- Greek 101-102 Elementary Greek. Six Credits
  This intensive course in Attic morphology, vocabulary, and syntax aims to provide the student with a solid foundation.
- Greek 201-202 Selections in Greek Prose and Poetry. Six Credits
  Reading of excerpts from the best Greek authors, emphasizing grammar and vocabulary.

#### LATIN COURSES

- LAT. 101-102 Elementary Latin.

  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.

  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.

  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, his versatility and his ideas on ascetic life.
- LAT. 401-402 Logoedic 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".

  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.
- NOTE: Electives from this catalog most advisable for students majoring in Latin in support of this course, are: Education 361; History 301, 305, 306, 308, 335, 405.

### MODERN LANGUAGES

BRO. GERARD WEISS, Associate Professor, Chairman

MR. EDWARD H. GERMANN, Associate Professor

BRO. JOSEPH L. BELANGER, Assistant Professor

BRO. MAURICE G. BIBEAU, Instructor

BRO. FRANCIS X. HUGHES, Instructor

MR. JULIAN M. LAMA, Instructor

MR. CASIMIR NORKELIUNAS, Instructor

MRS. TINA M. GIOIELLI, Lecturer

MR. FELIX J. GUIGON, Lecturer

BRO. JOHN L. O'SHEA, Lecturer

MR. MARIO RUGGERI, Lecturer

BRO. JOSEPH TURCOTTE, Lecturer

Area Requirements. The basic requirement for the arts and business majors is from six to twelve credits. Science majors are not required to take a foreign language. Placement of students at the proper level of instruction will be determined by the high school record and/or an examination during Freshman orientation week.

Following is a guide which will help the student to determine the

number of credits he must earn in a foreign language:

A student beginning a foreign language takes twelve credits in the courses numbered 101-102, 103-104.

A student who begins at the intermediate level takes nine credits in the courses numbered 103-104, 205. For German this last course is numbered 207.

A student who begins at the advanced level takes six credits in the

language at the 200 or 300 level.

Students are generally advised to continue the study of the language begun in high school. However, attention is called to specific languages recommended by certain major fields of study.

Students with exceptional preparation in a foreign language may complete the core requirement by satisfactory performance in the MLA

Proficiency Test.

Instruction. Elementary and Intermediate courses require weekly laboratory work. These courses meet twice weekly for class instruction and twice weekly for lab practice. (See information in the catalog on the Western Communications Laboratory.)

All courses beyond the Intermediate level are conducted entirely in

the foreign language.

Major Field Requirement. 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 Third Year Abroad Program, may select a major field in German, Italian, or Russian, and earn their major credits abroad.

Course Work. The student must complete a minimum of thirty semester hours in his major language beyond the basic core requirement. The following courses must be included in the major program:

For French majors: Language skills — French 311-12

Civilization — French 303-04 Literature — French 301-02, 313-14, 401-02

Seminar — French 450

For Spanish majors: Language skills — 12 credits in advanced work

Civilization - Spanish 303-04

Literature -- Spanish 321-22, 323, 324

Seminar — Spanish 450

Language majors who intend to teach must take a course in methods of teaching foreign languages (Mod. Lang. 376).

A four-semester study of a second foreign language is highly recommended for language majors.

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

Comprehensive. 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 over-all grasp of the civilization and literature of his field. Recommended examinations are the Graduate Record Examination and the MLA Foreign Language Proficiency Test for Teachers and Advanced Students.

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.

MOD. LANG. 376 Methods of Teaching Languages in

Secondary Schools. Two 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.

Open only to students enrolled in the Teacher Education Program.

# **FRENCH**

FREN. 101-102 Elementary French.

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

ITAL. 103-104 Intermediate Italian.

Six Credits
Selected readings of Italian authors and conversational practice are stressed.

### RUSSIAN

- 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.

#### **SPANISH**

- SPAN. 101-102 Elementary Spanish.

  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 time.
- SPAN. 405 Golden Age Drama. Three Credits
  A detailed study of representative plays of Lope, Tirso, Calderon, 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.

  Intensive study of one movement, author, or literary characteristic.

  Offered in conjunction with the preparation of the student's thesis.

### **MATHEMATICS**

Examination.

BRO. KEVIN P. CAROLAN, Assistant Professor, Chairman MR. LOUIS ALPERT, Assistant Professor
BRO. MICHAEL V. KELLY, Assistant Professor
MR. JAMES D. THOMAS, Assistant Professor
MR. ROBERT VIVONA, Assistant Professor
BRO. LINUS FOY, Lecturer
MR. LUCIAN K. WERNICK, Lecturer

Major Field Requirement. The student must complete a minimum of thirty semester hours of mathematics in courses numbered 300 or above, excluding Math. 351. He must also take Phys. 205, 206; and either Bio. 201-202, or Chem. 101-102, or two semesters of Economics excluding Eco. 203, or two additional semesters of Physics, or two semesters of Psychology excluding Psych. 101.

The student must take a comprehensive examination. This will be either written or oral. It will test not only his course work in mathematics, but his knowledge of mathematical applications and his independent readings. He must also take the Graduate Record

Dissertation Theme. The student must submit a theme in his senior year. The theme will be written in conjunction with the senior seminar, and should demonstrate the student's capacity for independent work. The theme topic should be chosen during the sixth or seventh semester under the supervision of the departmental adviser.

- MATH. 103 College Algebra and Trigonometry. Three Credits
  Review of intermediate algebra; theory of equations; determinants, logarithms, inequalities and partial fractions; polynominal functions; binomial theorem; complex numbers; trigonometric functions; equations
  and identities.
- MATH. 104 Analytic Geometry and Calculus 1. Three Credits
  Differentiation and integration of algebraic functions with applications:
  velocity, rates, maxima and minima, area. Analytic geometry. Vectors.
  Prerequisite: Math. 103, or four years of high school mathematics, including advanced algebra and trigonometry.
- 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. 201 Analytic Geometry and Calculus II. Three Credits

  Differentiation and integration of transcendental functions. Analytic
  geometry; conic sections. Applications. Techniques of Integration. Hyperbolic Functions.
- MATH. 202 Analytic Geometry and Calculus III. Three Credits
  Infinite series, power series. Partial differentiation and multiple integrals. Solid Analytic geometry and vectors. Applications.
- 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.

  Prerequisite: Math. 103 or its equivalent.
- 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.
- 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.

  Prerequisite: Math. 104 or its equivalent.
- 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: Math. 311
- MATH. 341 Applied Mathematics. Three 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; numberical methods.

  Prerequisite: Math. 301
- MATH. 351 The Teaching of Mathematics. Two 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 lessions by the students.

  Open only to students enrolled in the Teacher Education Program.
- 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; numberical solutions to ordinary differential equations; matrices and simultaneous linear equations.

  Prerequisite, or Corequisite: Math. 301.
- 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

  This is required of all mathematics majors. It consists of weekly meetings of the department to discuss mutual 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; topological transformation; topological spaces.

### **MUSIC**

Courses administered by Mrs. E. R. Fisher. Refer to Art for course offerings.

### PHILOSOPHY

DR. DONALD A. DRENNEN, Professor

BRO. RICHARD A. RANCOURT, Assistant Professor

MR. THOMAS W. CASEY, Assistant Professor

BRO. KEVIN DONOHUE, Instructor

BRO. JOHN LUKE McMAHON, Instructor

Area Requirement. Basic requirement for arts, science, and business majors

is twelve credits in philosophy.

All students are required to take Phil. 201 and Phil. 202, and any two other courses in the 300-series as options to complete twelve credit-hours in philosophy. While it is recommended that these options include one historic course (Phil. 301, 302, 305, 306, or 307) and one description course (Phil. 311, 312, 315, 316, 318), students are free to choose any other combination. Option courses may be completed any time during the Junior and Senior years. Sophomores entering their spring term who, for some special reason, wish to begin their option program, may, with Departmental approval, carry one option course in addition to Phil. 202.

Upon consultation with, and approval by, the Department of Philosophy, a student may substitute one elective course in the 400-series

for a 300-series courses.

Minor Field Requirements. Students electing to minor in philosophy will be allowed to apply six credit-hours of 300 or 400-series courses already completed from the basic area toward fulfillment of minor requirements of eighteen credit-hours in philosophy. A minor in philosophy is therefore satisfied by the completion of any four courses in philosophy over and above the basic-area requirement.

With the exception of Phil. 201 and Phil. 202, which are offered yearly, all other courses are given on a two-year cycle. Students who wish to plan their programs a year ahead may therefore consult the following descriptions, and feel free to advise at any time with mem-

bers of the Department.

- PHIL. 201 Metaphysics.

  An introduction to the central issues of metaphysical thought and procedures, including the concepts of categories, relations, existence, casuality.
- PHIL. 202 Philosophy of Man. Three Credits
  A philosophical investigation of the central psychological and moral issues which constitute the conditions of human experience.
- 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 development of Western Christian philosophy from the period of the Alexandrines to Duns Scotus, with particular attention to Augustine and his influence.
- PHIL. 305 History of Modern Philosophy: I. Three Credits
  An analysis of the movements of philosophical ideas in Europe from
  the Seventeenth Century through the Nineteenth Century.
- PHIL. 306 History of Modern Philosophy: II. Three Credits
  A consideration of European philosophical ideas from the Nineteenth through the Twentieth Centuries.
- PHIL. 307 History of American Philosophy. Three Credits
  An investigation of the origins and significance of American philosophical ideas with special reference to Pragmatism as the philosophy of the American Experience.
- 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 the nature and existence of God, and consideration of the implications of religious experience.
- PHIL. 315 Philosophy of History. Three Credits
  An inquiry into the character of historiography, its evidences and explanations, and the nature of the temporal process.
- PHIL. 316 Aesthetics. Three Credits
  Appraisal of the major theories and issues of a philosophy of art.
- PHIL. 318 Philosophy of Education. Three Credits

  A colloquial presentation of classical and contemporary texts, 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. 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 philosophical and religious dimensions of American social thought from the Puritans through Dewey.

### PHYSICAL EDUCATION

DR. HOWARD GOLDMAN, Assistant Professor, Chairman MR. PAUL E. AROLD, Instructor

PHYS. ED. 101-102

Two Credits

Designed to develop and maintain physical fitness, overcome 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 of all freshmen students in the Day Division in each semester of the freshman year.

PHYS. ED. 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.

# **PHYSICS**

BRO. JOSEPH MARCHESSAULT, Assistant Professor, Chairman

BRO. BRIAN H. DESILETS, Assistant Professor

DR. HELMY H. EL SHERIF, Lecturer

DR. CONNOR F. HAUGH, Lecturer

MR. H. FREDERICK KOEHLER, Lecturer

Area Requirement. Physics 105 may be taken by students who are not majoring in mathematics or the sciences to satisfy their science requirement.

Major Field Requirement. Students electing to major in physics must complete a minimum of twenty-seven credits in the department over and above Phys. 205-206. This will normally include Phys. 311, 312, 321-322, 411-412, 422, 431 and 451 or 452. 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 and 411. The student must nevertheless complete twenty-seven credit hours in the department with at least one lab course.

In addition, a physics major is required to take Math. 104, 201, 202, 301 and Chem. 101-102, 103-104. He must also successfully pass a comprehensive examination in the last semester of his senior year.

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.

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.

Corequisite: Math. 104

Three hours lecture, one problem session, two hours laboratory per week. Two semesters.

PHYS. 311 Mechanics.

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

Corequisite: Math. 301

Three hours lecture per week. One semester.

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.

Corequisite: Math. 301

Three hours lecture per week. One semester.

PHYS. 321-322 Electricity and Magnetism. 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.

Three hours lecture per week. Two semesters.

PHYS. 323 Electricity and Magnetism Laboratory. Two Credits
Covers a selected number of experiments which are complementary to
Phys. 321-322.
Three hours laboratory per week. Two semesters.

PHYS. 411-412 Atomic and Nuclear Physics. 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.

Three hours lecture per week. Two semesters.

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.

Three hours lecture per week. One semester.

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. 311 and 411.
Three hours lecture per week. One semester.

PHYS. 423 Modern Physics Laboratory. Two 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.

Three hours laboratory per week. Two semesters.

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.

Three hours lecture per week. One semester.

PHYS. 432 Electronics.

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

Three hours lecture per week. One semester.

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. 321-322 or equivalent.
Three hours lecture per week. One semester.

PHYS. 445 Magnetics.

A course designed to cover the following topic: atomic magnetic moments, diamagnetism, paramagnetism, ferromagnetism, ferri and antiferromagnetism, magnetic resonance experiments.

Prerequisite: Phys. 321-322 or equivalent.

Three hours lecture per week. One semester.

### 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.

Three hours lecture per week. One semester.

### PHYS. 447 Experimental Techniques.

Two Credits

This is a laboratory course designed to give the student experience in broad topics such as: X-ray diffraction of single crystals and powders, emission spectroscopy, infrared spectroscopy, and fundamental semi-conductor measurements.

Four hours laboratory per week. One semester.

#### 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.

One hour session per week. Two semesters.

#### PHYS. 452 Senior Research Project.

Three Credits

This course consists in a co-operative 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.

# POLITICAL SCIENCE

Courses administered by Chairman of History Department. Refer to History for course offerings.

# **PSYCHOLOGY**

BRO. DANIEL KIRK, Associate Professor, Chairman

DR. WILLIAM R. EIDLE, Assistant Professor

MR. EDWARD J. O'KEEFE, Asisstant Professor

MR. RICHARD LANG, Lecturer

Mr. David Miller, Lecturer

MR. GEORGE MURRAY, Lecturer

Area Requirement. A student majoring in mathematics or science fulfills the psychology requirement by the successful completion of Psych. 103, Introductory Psychology. The nonscience student may take Psych. 209, Personality Development, to satisfy the life science requirement.

- Major Field Requirement. A student must complete a minimum of thirty hours of psychology courses over and above Psych. 103. To fulfill the science requirement he should take: Chem. 101, 103, Bio. 201-202, and Bio. 403. To fulfill the mathematics requirement he should take either Math. 103-104, or Math. 104-201, and Math. 205. The student should consult with his departmental adviser in the choice of electives.
- Comprehensive Examination. In the senior year the student must take the Graduate Record Examination in psychology.
- PSYCH. 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.
- PSYCH. 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.
- PSYCH. 210

  Personality Development and
  Psychopathology.

  A continuation of Psych. 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. Psych. 209 serves as a prerequisite.
- PSYCH. 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.
- PSYCH. 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 developmental processes, the influence of personality and culture, and other relevant psycho-educational variables.
- PSYCH. 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.
- PSYCH. 351 Educational Psychology. Two Credits
  A study of current psychological theories and practices with special
  emphasis on their educational applications and implications. Topics

include personality development, learning, motivation, and evaluation. Open only to students enrolled in the Teacher Education Program.

- PSYCH. 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.
- PSYCH. 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.
- PSYCH. 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.
- PSYCH. 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.
- PSYCH. 439 Mind-Body I. 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.
- PSYCH. 442 Mind-Body II. 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.
- PSYCH. 450 Supervised Field Work. Three Credits

  This is a culminating experience designed for senior majors in psychology. It consists in actual work experience under the direction of the professional staff of the participating agency in cooperation with the members of the department.
- PSYCH. 452 Supervised Research. Three Credits

  This is a culminating experience designed for interested senior majors in psychology. It consists in the student designing and executing a research proposal under the direction of one of the members of the department.

#### PSYCH. 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.

# ANTH. 101-102 Introduction to Anthropology

Six Credits

First Semester. An investigation of man's origins and diversity through the study of human evolution and races. A brief introduction to archaeological methods in preparation for a survey of pre-history with emphasis given to the Agricultural and Urban Revolutions, in both the Old and New World.

Second Semester. An introduction to the nature, uniformity and diversity of culture through an exploration of the universal human institutions: family, economics, politics, religion, and social stratification. A consideration of the arts and crafts. An investigation of the dynamics of personality in culture and culture change, with some attention given to applied anthropology. Illustrations for the above study are drawn from both western and nonwestern cultures.

A field trip to the Museum of Natural History in New York City is required each semester of the course. Anth. 101 serves as a prerequisite for Anth. 102.

### ANTH. 201-202 American Culture.

Six Credits

An inter-disciplinary approach to the study of America (the United States) with material from English, history, philosophy, economics, and sociology integrated within the framework of the culture concept. Investigation of the underlying American values and analysis of the structure, functions, stratification, and inter-relationships of the basic American institutions. A consideration of subcultural segments of the American culture: classes; regions; minorities; occupations; the city and suburbia; deviant groups, such as criminals, beatniks, and the mentally ill; and the various age groups, such as adolescents and the aged. An inquiry into the American national character and investigation of cultural change in contemporary America.

# SOC. 103-104 Introduction to Sociology.

Six Credits

First Semester. 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.

Second Semester. First semester is prerequisite for the second semester. 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.

\*This course is offered alternate years with Anth. 201-202, American Culture.

### SOCIOLOGY

Courses administered by Chairman of Psychology Department. Refer to Psychology for course offerings.

### THEOLOGY

- BRO. FELIX MICHAEL SHURKUS, Assistant Professor, Chairman
- FR. JAMES A. DRISCOLL, Assistant Professor
- X BRO. MARTIN LANG, Assistant Professor
- FR. JAMES D. CAMPBELL, Instructor
- -FR. WILLIAM C. CENKNER, Instructor
- BRO. JOHN BOSCO NORMANDIN, Instructor
- FR. DONALD HINFEY, S.J., Lecturer
- FR. JOHN HUCKLE, Lecturer

In all the theology offerings, a serious attempt will be made to find a meaningful expression of the Word of God for modern man. The perennial theological issues will be approached in the light of contemporary as well as traditional Christian thinking. For Catholic students, twelve credits are needed to fulfill the Theology requirement: Theol. 110 and Theol. 111 and any other two courses. Electives are open to non-Catholics without prerequisites.

Minor Program. Students electing to minor in Theology must complete twenty-four credits; this total includes the twelve required credits.

- THEOL. 110 Sacred Scripture: The Old Testament. Three Credits Historical and thematic study of the Old Testament. The Pentateuch. The Deuteronomist's history. Selected readings from the Prophetic and Wisdom books. Themes: Salvation, Covenant, Worship, Law, Morality, Messianism.
- THEOL. 111 Sacred Scripture: The New Testament. Three Credits
  The Acts of the Apostles. Main themes of the Gospels. Selected readings from the Epistles. The Apocalypse. A study of Vatican II documents on Revelation and the nature of the Church.

  Prerequisite: Theol. 110
- THEOL. 305 Theological Dimensions of the
  Christian Faith.

  Psychological and religious structure of the notion of Faith. Theological issues centering around the existence of God and Revelation.
  The meaning of Christ for today. Familiarity with contemporary Catholic and Protestant Theology on these issues.

- THEOL. 306 Christian Worship: Sacraments and Liturgy. Three Credits
  Christ acting today in sacramental and liturgical life, studied within
  a biblical, historical and theological framework. A study of Vatican
  II's Constitution on the Sacred Liturgy.
- THEOL. 405 Prophetic Books of the Old Testament. Three Credits A study of the main themes of the major and minor Prophets. The relevancy of the Prophet's message for today's Christian.
- THEOL. 406 Wisdom Books of the Old Testament. Three Credits
  A consideration of Old Testament Revelation as it is developed and
  balanced by the books of Job, Psalms, Proverbs, Ecclesiastes, Canticle
  of Canticles, Wisdom and Sirach.
- THEOL. 407 Pauline Epistles.

  Paul's exposition of the "unsearchable riches of Christ" to the various Churches. Life and spirit of the Apostle to the gentiles.
- THEOL. 411 Christian Morality and Contemporary
  Society. Three Credits
  A consideration of basic moral principles as applied to modern moral questions viewed in the perspective of current theological thought. Theological and moral virtues as the norm of Christian commitment in our modern pluralistic society. Vatican II Constitution on 'The Church in the Modern World."
- THEOL. 421 Christian Marriage and the Family. Three Credits Positive values in Christian Marriage studied within a scriptural and theological framework. Practical and moral aspects of contemporary Christian marriage and the family considered by various guest lecturers.
- The Work of Christ in bringing all men to an intimacy with God. The proclamation of this life-giving message and its meaning in the liturgy. The parent and the educator as witness to the full life in Christ. Themes and methods in catechetics for the youth of today.
- THEOL. 451 Mariology. Three Credits

  Mary in Scripture and Tradition. Divine Maternity. Immaculate Conception. Perpetual Virginity. Assumption. Vatican II statement on the position of Mary in the Church.
- THEOL. 471 Christian Unity.

  A lecture-discussion approach to the problems of Christian Unity intended for qualified students who have displayed superior competence in theology. The central issues contributing toward and preventing full Christian union will be investigated by the faculty of the Department of Theology. Vatican II decree on ecumenism.

  Prerequisite: Theol. 305
- THEOL. 481 The Layman in the Church.

  A consideration of the Christian layman in the light of Vatican II's decree on the lay apostolate. The layman's participation in the life of the Church.

#### THEOLOGY

THEOL. 491 Major Contemporary Religions. Three Credits
A comparative study of the major western and oriental contemporary
Religions. Varican II Declaration on Religious Liberty.
Prerequisite: Theol. 305



# GENERAL INFORMATION

### REGISTRATION

For the exact date of registration for both freshman and upper classmen, see the Calendar of the academic year of 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 \$10.00

Any change after the initial registration is permitted only with the written consent of the Dean. No change in registration is permitted after the second week of instruction in a semester. Changes in registration initiated by the student are subject to the change of program fee.

# WITHDRAWAL AND COURSE CHANGES

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 three 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 three 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 Dean of the College. In the absence of this letter no statement of honorable withdrawal will be issued by the college.

# FRESHMAN ORIENTATION

At the beginning of each year a few days are set aside for freshman orientation. During these days new students become acquainted with the campus, the faculty, their fellow students and their environment. They

also take placement tests, meet for orientation talks, discuss their programs with advisers and register for the semester. The purpose of these days is to help the new students overcome the difficulties they are most likely to meet in the transition from high school to college.

### ATTENDANCE

The most meaningful experiences promoting the realization of the purposes for which Marist exists are achieved through 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 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.

Irregularities in attendance on the part of Freshmen will be brought to the attention of the Academic Dean. Appropriate action will be taken to make them aware of their responsibilities in this regard.

### **VETERANS**

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 Registrar also furnishes information and counsel about veteran benefits.

# FOREIGN STUDENTS

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 Advisers 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.

# TRANSCRIPT OF RECORD

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

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

# FACULTY ADVISERS

Senior, juniors and sophomores will have as their advisers a faculty members from the Department of their major field.

Freshmen are assigned a faculty adviser by the Dean.

### 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 or data of experience contained in the course. Understanding implies insight into the interpretation of these facts or data. 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 which encompasses more than the basic elements of a course; he has a more personal grasp of the principles of the course and preceives wider application of the principles. He can discuss the subject matter of the course with ease.

Α

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 inter-

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

E

A student is given an E when there is sufficient doubt as to whether he deserves to fail or barely pass. This mark entitles him to a re-examination within two weeks of its occurrence. The final mark is either failure (F) or passing (D).

Inc

An incomplete is incurred by failure to complete portions of class assignments. An incomplete must be removed within one month from the time it was incurred; otherwise the student will receive the grade of F in this course. The miximum grade to be achieved through a re-examination is a C.

F

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

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.

# SCHOLASTIC INDEX

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 times 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 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.

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 1.70 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 to enter junior year, and a minimum cumulative of 2.0 to enter senior year.

# ACADEMIC HONORS

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 3.50 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 3.60 and no grade below C.

Cum Laude, or with honor, for those having a scholarship index of 3. or above.

# **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

Dismissal is the extreme penalty imposed upon the student by the college authority. The college reserves the right to enforce this penalty on any student not utilizing opportunities offered for his academic advancement. Students who fail to maintain the academic standards of Marist, or whose behavior may reflect unfavorably upon Marist, may be dismissed at any time. There will be no recourse from the decision of the college in any disciplinary matter.

Academic dismissal: Each student's academic record is reviewed each semester by the Faculty members. Reports and the student's scholastic index are weighed to determine his academic standing.

If a freshman has a cumulative index of less than 1.70 for the two semesters of his freshman year, he is subject to academic dismissal. If a sophomore has a cumulative index of less than 1.85, he is subject to academic dismissal.

A sophomore who has a cumulative index of at least 1.85 but does not have the 2.0 index required for entrance into Junior year, must raise his index to the required level by:

- 1. Attendance at an approved summer session; or
- 2. Taking a leave of absence as a full-time student for not more than two semesters and register as a part-time student in an approved college.

A cumulative index of 2.0 is required for entrance into Senior year. A junior who does not have the required index may raise his index by attendance at an approved summer session, or by taking a leave of absence if he has not already exercised this option.

# STUDENT HOUSING

All students who do not live at home during the college year are required to reside on campus. 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, soap, towels, and other personal items such as radios, etc.

The residence hall is closed during Thanksgiving, Christmas, 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.

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

# COLLEGE BANK

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.

# TESTING AND COUNSELING CENTER

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

# STUDENT HEALTH

The college maintains a small infirmary on campus staffed by a registered nurse for minor sickness and emergency cases. In the event of protracted illness, the student is sent either to his home or to one of the local hospitals. By special arrangement emergency cases are treated at St. Francis Hospital, located directly across the North Road from Marist.

If a student is admitted to St. Francis Hospital on an emergency basis, the Dean of Men will notify his parents immediately by phone.

The college provides student health insurance on an optional basis. However, it insists that students who participate in intercollegiate athletics maintain health insurance.

# PLACEMENT

The college offers assistance in planning for and obtaining full and parttime positions. Through personal interviews and an analysis of interests and experience, the staff helps to guide students and alumni into occupations that utilize their capabilities to the fullest extent. At the present time, placement is the responsibility of the testing and counseling center. Teaching placement is handled directly by the office of teacher education.

# ALUMNI ASSOCIATION

The Marist College Alumni Association is the official representative of the alumni of Marist. Its regular membership includes anyone who has received a bachelors degree from Marist College.

The alumni association includes as associate members those who graduated from Marist Training School, the predecessor of Marist College during the years 1929 through 1946.

Any person who has attended Marist for two full years may apply to the association for associate membership. He will be admitted to membership upon approval of the Board of Directors of the association. The alumni association elects its own officers. The President of the Association is an ex officio member of the Board of Advisors of Marist College. The official campus representative of the Alumni Association is the Alumni Director.

# AUTOMOBILES ON CAMPUS

Freshman resident students are not allowed to have the use of a car during the two semesters of their freshmen year.

Sophomore, Junior and Senior resident students are premitted to have cars on campus but the college does not assume any responsibility. The use of cars by commuting students is at the option of the student. All cars must be registered with the Dean of Men and must bear a parking decal.



# Academic Calendar

1966-1967

		1700 1707
1966		FALL SEMESTER
August 22 to	Monday to	Registration for transfer students by ap-
September 2	Friday	pointment.
September 6-7	Tuesday Wednesday	Late registration and course changes for upper-classmen — Day Division.
September 8	Thursday	Registration for seniors and juniors — Evening Division, 7 to 9 p.m. Entrance Examination—Evening Division, 7 p.m.
September 9	Friday	Registration for sophomores, freshmen and new students—Evening Division, 7 to 9 p.m.
September 11- 12-13	Sunday, Tuesday	Freshman Orientation — Day Division, 9 a.m. to 5 p.m.
September 14	Wednesday	Class cards are issued to upper classmen —Day Division, 10 a.m. to 3 p.m.
September 15	Thursday	Classes begin.
September 19	Monday	Mass of the Holy Spirit.
September 22	Thursday	Last date for late registration, change of course and discontinuing course —Day Division, 11:30 a.m.; Evening Division, 9 p.m.; ½ tutition refund after this date.
October 5	Wednesday	Last date for dropping course without penalty of failure; no tuition refund after this date—Day Division, 11:30 a.m.; Evening Division, 9 p.m.
October 15	Saturday	Service charges are assessed on unpaid tuition balances as of this date.
October 19-21	WedFri.	Resident Students' Retreat after Wednesday classes.
November 1	Tuesday	All Saints' Day—Holiday.
November 7	Monday	Mid-semester examinations begin.

November 24- 25	Thursday Friday	Thanksgiving Holidays.
December 8	Thursday	Immaculate Conception — Holiday.
December 15	Thursday	Last date for payment of fees. Christmas recess begins after last class.
1967		
January 3	Tuesday	Classes resume.
January 5	Thursday	Entrance Examination — Evening Division, 7 p.m.
January 23	Monday	Semester Examinations begin.
January 30	Monday	Registration for seniors and juniors — Evening Division, 7 to 9 p.m.
January 31	Tuesday	Registration for sophomores, freshmen and new students—Evening Division, 7 to 9 p.m.
		SPRING SEMESTER
February 6	Monday	Classes begin.
February 13	Monday	Last date for late registration, change of course and discontinuing course—Day Division, 11:30 .m.; Evening Division, 9 p.m.; ½ tuition refund after this date.
February 27	Monday	Last date for dropping course without penalty of failure; no tuition refund after this date. Day Division—11:30 a.m.; Evening Division—9 p.m.
March 1	Wednesday	Service charges are assessed on unpaid tuition balances as of this date.
March 5	Sunday	Laetare Sunday—Junior Ring Day.
March 13	Monday	Mid-semester examinations begin.
March 17	Friday	St. Patrick's Day—Holiday.
March 21	Tuesday	Easter recess begins after last class.
April 3	Monday	Classes resume.
April 14	Friday	Last date for payment of fees.

May 4, 5	ThurFri.	Ascension Day—Holiday and transferred Holiday.
May 25	Thursday	Entrance Examination—Evening Division, 7 p.m.
May 29	Monday	Semester examinations begin.
June 7	Wednesday	Spring Semester ends.
June 11	Sunday	Twenty-first Commencement.

# 1967-1968

			1707-1700
1967			FALL SEMESTER
August 21 to September	1	Monday to Friday	Registration for transfer students by appointment.
September	5-6	TuesWed.	Late registration and course changes for upper classmen—Day Division.
September	7	Thursday	Registration for seniors, juniors—Evening Division, 7 to 9 p.m. Entrance Examiation—Evening Division, 7 p.m.
September	8	Friday	Registration for sophomores, freshmen and new students—Evening Division, 7 to 9 p.m.
September	10- 12	Sunday Tuesday	Freshman Orientation—Day Division, 9 a.m., 5 p.m.
September	13	Wednesday	Class cards are issued to upper classmen. Day Division, 10 a.m. to 3 p.m.
September	14	Thursday	Classes begin.
September	18	Monday	Mass of the Holy Spirit.
September	21	Thursday	Last date for late registration, change of course and discontinuing course — Day Division, 11:30 a.m.; Evening Division, 9 p.m.; ½ tuition refund after this date.

October 4	Wednesday	Last date for dropping course without penalty of failure; no tuition refund after this date—Day Division, 11:30 a.m.; Evening Division, 9 p.m.
October 15	Sunday	Service charges are assessed on unpaid tuition balances as of this date.
October 18-20	WedFri.	Resident Students' Retreat after Wednes- day classes.
November 1	Wednesday	All Saints Day—Holiday.
November 6	Monday	Mid-Semester examinations.
November 23- 24	Thursday Friday	Thanksgiving Holidays.
December 8	Friday	Immaculate Conception—Holiday.
December 13	Wednesday	Christmas recess begins after last class.
December 15	Friday	Last date for payment of fees.
1968		
January 3	Wednesday	Classes resume.
January 4	Thursday	Entrance Examination—Evening Division, 7 p.m.
January 22	Monday	Semester Examinations begin.
January 29	Monday	Registration for seniors and juniors — Evening Division, 7 p.m. to 9 p.m.
January 30	Tuesday	Registration for sophomores, freshmen and new students—Evening Division, 7 p.m. to 9 p.m.
		SPRING SEMESTER
February 5	Monday	Classes begin.
February 12	Monday	Last date for late registration, change of course and discontinuing course—Day Division, 11:30 a.m.; Evening Division, 9 p.m.; ½ tuition refund after this date.

February 12	Monday	Lincoln's Birthday—Holiday.
February 26	Monday	Last date for dropping course without penalty of failure; no tuition refund after this date—Day Division, 11:30 a.m.; Evening Division, 9 p.m.
March 1	Friday	Service charges are assessed on unpaid tuition balances as of this date.
March 18	Monday	Mid-semester examinations begin.
March 24	Sunday	Laetare Sunday—Junior Ring Day.
April 9	Tuesday	Easter recess begins after last class.
April 10	Wednesday	Last date for payment of fees.
April 22	Monday	Classes resume.
May 21	Tuesday	Entrance Examination—Evening Division.
May 23-24	ThursFri.	Ascension Day—Holiday and transferred Holiday.
May 27	Monday	Semester examinations begin.
June 5	Wednesday	Spring Semester ends.
June 9	Sunday	Twenty-second Commencement.

# 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 471 3240, area code 914

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 the Academic Dean.

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

Requirements for GRADUATION: the Registrar.

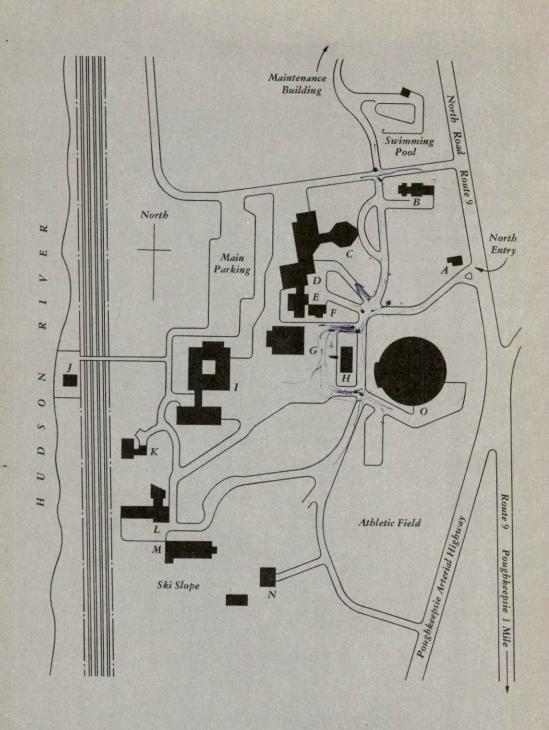
CAMPUS AND OFF-CAMPUS EMPLOYMENT: the Registrar

GIFTS or bequests: the President.

ALUMNI: the President of the Alumni Association

PUBLIC RELATIONS: the Director of Development.

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



Marist Gollege

# Legend

- A. Gate House
- B. St. Peter's Facutly Residence
- C. Chapel
- D. Fountaine Hall
- E. Marian Building
- F. Greystone
- G. Gymnasium
- H. Adrian Lounge
- J. Marist Boathouse
- K. Chaplain's Residence
- L. Leo Hall
- M. Sheahan Hall
- N. St. Mary's Residence
- O. Donnelly Hall