

**MARIST  
COLLEGE**

POUGHKEEPSIE, NEW YORK  
CATALOG 1963-1964

## 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 Dean.

**Payment** of college bills: the Business Manager.

**Academic work** of students: the departmental representatives or the Dean.

Requests for **transcripts** and notices of withdrawal, forms for withdrawal from individual courses: the Registrar.

Requirements for **graduation**: the Registrar.

Opportunities for self-help, recommendations for **employment**: the Counseling Center.

**Campus employment**: the Dean.

**General matters** pertaining to the college: the President's office.

**Gifts** or bequests: the President.

**Alumni**: the President of the Alumni Association.

**Public relations**: the President's office.

**Student activities**: the President of the Student Council.

**New York State Regents Scholarships and Scholar Incentive Awards**: the Business Manager.

**Placement** information: the Counseling Center.

A Liberal Arts  
College for Men



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**MARIST**

**COLLEGE**

**1963-1964**

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POUGHKEEPSIE, NEW YORK

471 - 3240  
Area Code 914

*Statue of Blessed Champagnat (1789-1840), founder of the Marist Brothers, overlooks the college campus . . . a continuation of his ideals towards the christian education of youth.*



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# ***I. 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.



## II. Organization

### BOARD OF TRUSTEES

#### *Chairman of the Board*

Brother John L. O'Shea, F.M.S.

#### *Members of the Board*

Brother L. Vincent Wall, F.M.S.

Brother John A. Tardiff, F.M.S.

Brother Patrick E. Magee, F.M.S.

Brother Leo Sylvius, F.M.S.

Brother A. Norbert, F.M.S.

#### *Secretary*

Brother Thomas P. Brennan, F.M.S.

#### *Treasurer*

Brother Rene N. Gregoire, F.M.S.

#### *President of the College*

Brother Linus R. Foy, F.M.S.

### BOARD OF ADVISORS

- John J. Gartland, Jr. . . . . *Chairman of the Board*  
Corbally & Gartland
- Brother Linus R. Foy, F.M.S. . . . . *ex officio*  
President of the College
- Brother Edward L. Cashin, F.M.S. . . . . *ex officio*  
Academic Vice President

George Bingham  
Radio Station WKIP

James F. Brehm  
J. L. Petz Co., Inc.

Gary DePaolo  
Alumni Representative

John Desmond  
Schatz Manufacturing Company

James A. Dwyer  
Rondout National Bank

Bernard Feeney, Sr.  
Reliance Marine Transportation and  
Construction Corporation

John J. Mulvey  
Attorney

Lawrence A. Quilty  
Insurance

Bernard Reifler  
Electra Supply Company

Bernard G. Schamberg  
Wire-O Corporation

Harry Smith  
Newburgh Savings Bank

James J. Toomey,  
M.D., F.A.C.S., F.I.C.S.  
Physician

William J. Walsh  
Guernsey, Butts & Walsh

Cornelius Weiss  
International Business  
Machines Corporation

## FACULTY

- Fernando Ambrosini, *Lecturer in German*  
E.E., Technikum Winterthur, Switzerland
- Brother Augustine Joseph, *Instructor in English*  
B.A., Marist College  
M.A., St. John's University
- Roscoe Balch, *Associate Professor of History*  
B.B.A., Seattle University  
M.A., Ph.D., University of Washington
- Brother Joseph L. Belanger, *Assistant Professor of French*  
B.A., Marist College  
M.A., St. John's University  
M.A., Middlebury College
- J. Gerard Breen, *Lecturer in Education*  
B.S., Yale  
M.S., Teachers College at Columbia
- Rev. John D. Campbell, O.P., *Instructor in Sacred Doctrine*  
B.A., Harvard University  
S.T.B., S.T.L., Pontifical Institute of the Immaculate Conception
- Brother Kevin P. Carolan, *Instructor in Mathematics*  
B.A., Marist College  
M.S., St. John's University
- Thomas W. Casey, *Instructor in Philosophy*  
M.A., Fordham University
- Brother Edward Lawrence Cashin, *Assistant Professor of History*  
B.A., Marist College  
M.A., Ph.D., Fordham University
- Salvatore D. Catalano, *Lecturer in Business*  
B.B.A., St. Bernardine of Siena College
- Brother John F. Colbert, *Assistant Professor of English*  
B.A., Marist College  
M.A., St. John's University
- Vincent A. Ciminera, *Lecturer in Mathematics*  
B.A., Manhattan College  
M.S., St. John's University
- Denis J. Curtin, *Instructor in Physics*  
B.S., Iona College  
M.S., The Catholic University of America
- Brother Brian H. Desilets, *Research Assistant Professor of Physics*  
B.A., Marist College  
M.S., St. John's University  
M.A., New York University  
Ph.D., The Catholic University of America  
On leave during the 1963-64 academic year.

- Bernard B. de Surcy, *Instructor in French and Music*  
 B.A., Universite de Paris  
 Diplome de l'Ecole Superieure Cesar Franck, Paris
- George T. Doran, *Instructor in Business*  
 B.A., St. Vincent's College  
 M.B.A., Duquesne University
- D. A. Drennen, *Visiting Professor of Philosophy*  
 B.A., M.A., Ph.D., Fordham University
- M. Eileen Connolly Drennen, *Lecturer in History*  
 B.A. (Honors), National University of Ireland  
 M.A., Fordham University
- Rev. James A. Driscoll, O.P., *Assistant Professor of Sacred Doctrine;*  
*Chaplain*  
 B.A., Providence College  
 S.T.B., S.T.L., Pontifical Institute of the Immaculate Conception
- E. Rimai Fisher, *Artist in Residence*  
 B.A., Hunter College
- Brother Linus R. Foy, *Lecturer in Mathematics; President*  
 B.A., Marist College  
 M.S., St. John's University  
 LL.D., Iona College  
 Ph.D., New York University
- Howard Goldman, *Assistant Professor of Physical Education*  
 B.S. in Ed., Teachers College at Cortland  
 M.S. in P.Ed., Doctor of P.Ed., Indiana University
- Thomas W. Haresign, *Instructor in Biology*  
 A.A.S., Morrisville Agricultural & Technical Institute  
 B.S., State University College at Albany  
 M.S., State University College at Albany  
 Ph.D., University of Massachusetts
- George B. Hooper, *Associate Professor of Biology*  
 B.S., Seton Hall University  
 A.M., Ph.D., Princeton University
- Brother Joseph Robert, *Associate Professor of Latin*  
 B.S. in Ed., M.A., Fordham University
- John C. Kelly, *Instructor in Economics*  
 B.S.S., Fairfield University
- Brother Michael V. Kelly, *Instructor in Physics and Mathematics*  
 B.A., Marist College  
 M.E.E., The Catholic University of America
- Brother Daniel Kirk, *Associate Professor of Education*  
 B.A., Marist College  
 M.A., Ph.D., St. John's University
- Brother Richard A. LaPietra, *Assistant Professor of Chemistry*  
 B.A., Marist College  
 Ph.D., The Catholic University of America

- Brother Leo Camille, *Lecturer in French*  
Brevet, Aix, France
- Robert P. Lewis, *Instructor in English*  
B.A., Manhattan College  
M.A., Columbia University
- Sister Marie Genieve Love, O.P., *Lecturer in Mathematics*  
B.A., Hunter College  
M.A., Villanova University  
Ed.D., Columbia University
- Brother Thomas Maestro, *Instructor in Classical Languages*  
B.A., Burgos, Spain  
M.A., Filologie Clasica, Universidad Central, Spain
- Brother Joseph Marchessault, *Assistant Professor of Physics*  
B.A., Marist College  
Ph.D., The Catholic University of America
- Sister Mary Jean McGivern, O.P., *Lecturer in Biology*  
B.S., M.S., Ph.D., The Catholic University of America
- James F. McGovern, *Lecturer in Business*  
B.S., St. Lawrence University  
B.C.E., Rensselaer Polytechnic Institute  
M.B.A., Harvard University
- Brother Andrew A. Molloy, *Assistant Professor of Chemistry*  
B.A., Marist College  
Ph.D., The Catholic University of America
- Brother William J. Murphy, *Assistant Professor of Education*  
B.S. in Ed., Fordham University  
M.S., St. John's University  
Associateship, University of London  
M.A., University of Notre Dame
- Casimir Norkeliunas, *Instructor in German and Russian*  
B.A., University of Bridgeport  
M.A., Fordham University
- Robert C. Norman, *Instructor in English*  
B.A., St. Bonaventure University  
M.S., Syracuse University
- Brother John Bosco Normandin, *Instructor in Sacred Doctrine*  
B.A., Marist College  
L.S.Sc., Lateran University, Italy
- Charles B. Off, *Lecturer in Economics*  
B.A., M.A., Wisconsin University  
M.A., Yale University
- Edward J. O'Keefe, *Instructor in Psychology*  
B.A., Iona College  
M.A., Fordham University
- Brother George R. Plante, *Lecturer in Economics*  
B.S. in Ed., M.A., Fordham University

Michael Rendich, *Lecturer in Business and Education*

A.B., Holy Cross College  
M.S. in Ed., M.A., Fordham University

Leo. P. Richard, *Lecturer in Chemistry*

B.S., Union College

Brother Robert James, *Instructor in Sacred Doctrine*

B.A., Marist College  
M.A., University of Notre Dame

Mario P. Ruggeri, *Lecturer in Italian*

B.S.S., College of the City of New York  
A.M., Columbia University  
Fulbright Fellow, Florence, Italy, 1949

Brother Cornelius J. Russell, *Assistant Professor of Business*

B.A., Marist College  
M.A., Columbia University

John Schroeder, *Professor of English, Dean—Evening Division*

B.S., M.S., Ed.D., Columbia University  
Professional Diploma in English, Columbia University

Brother Hugh E. Sheridan, *Instructor in History*

B.S. in Ed., M.A., Fordham University

Brother Felix Michael Shurkus, *Instructor in Sacred Doctrine*

B.A., Marist College  
L.S.Sc., Lateran University, Italy

George H. Skau, *Instructor in History*

B.S., Manhattan College  
M.A., Niagra University

George J. Sommer, *Associate Professor of English*

A.B., Manhattan College  
A.M., New York University  
Ph.D., Fordham University

Joseph T. Sullivan, *Instructor in English*

B.A., St. John's University  
M.A., Ohio Wesleyan University

Frank Swetz, *Instructor in Mathematics*

B.A., Marist College  
M.A., Fordham University

Florence S. Tabor, *Lecturer in Chemistry*

B.S., Skidmore College  
M.S., New York University  
Ph.D., Pennsylvania State University

Milton Teichman, *Assistant Professor of English*

B.A., Brooklyn College  
M.A., Duke University

Yuan Chung Teng, *Assistant Professor of History*

B.A., Taiwan Teachers' College  
M.A., Bradley University  
M.A., Ph.D., Georgetown University

James D. Thomas, *Assistant Professor of Mathematics*

B.S., M.S., St. Louis University

Hannah C. Wallace, *Instructor in Sociology and Anthropology*

A.B., College of New Rochelle

A.M., Boston University

Brother Gerard Weiss, *Assistant Professor in Spanish*

B.A., Marist College

M.A., St. John's University

John Gerard White, *Instructor in History*

B.A., Belmont Abbey College

M.A., Fordham University

Brother William Francis, *Instructor in History*

B.A., Marist College

M.A., Seton Hall University

Bernard M. Wolpert, *Lecturer in English*

B.S. in Ed., Pennsylvania State Teachers College

M.A., University of Michigan

Ph.D., Ohio State University

## ACADEMIC DEPARTMENTAL REPRESENTATIVES

George B. Hooper, Ph.D. . . . .	<i>Biology</i>
Brother Cornelius Russell, F.M.S., M.A. . . . .	<i>Business</i>
Brother Andrew A. Molloy, F.M.S., Ph.D. . . . .	<i>Chemistry</i>
Brother William J. Murphy, F.M.S., M.A. . . . .	<i>Education</i>
George J. Sommer, Ph.D. . . . .	<i>English</i>
Brother Michael V. Kelly, F.M.S., M.E.E. . . . .	<i>Engineering</i>
Roscoe Balch, Ph.D. . . . .	<i>History</i>
Brother Joseph Robert, F.M.S., M.A. . . . .	<i>Classical Languages</i>
Brother Kevin P. Carolan, F.M.S., M.A. . . . .	<i>Mathematics</i>
Brother Gerard Weiss, F.M.S., M.A. . . . .	<i>Modern Languages</i>
Brother Michael Shurkus, F.M.S., L.S.Sc.	<i>Philosophy &amp; Sacred Doctrine</i>
Brother Joseph Marchessault, F.M.S., Ph.D. . . . .	<i>Physics</i>
Brother Daniel Kirk, F.M.S., Ph.D. . . . .	<i>Psychology</i>

## OFFICERS OF ADMINISTRATION

Brother Linus R. Foy, F.M.S., Ph.D., LL.D.  
President of Marist College

Brother Edward Lawrence Cashin, F.M.S., Ph.D.  
Academic Vice President

John Schroeder, Ed.D  
Dean of Marist College, Evening Division

Brother Paul Stokes, F.M.S., M.A.  
Dean of Marist College, Day Division

## OFFICE OF THE PRESIDENT

M. Eileen Connolly Drennen, M.A. . . . . *Administrative Assistant*  
E. Rimai Fisher, B.A. . . . . *Administrative Assistant*  
Robert C. Norman, M.A. . . . . *Director of Public Relations*

## ADMISSIONS

Brother John Malachy, F.M.S., M.L.S. . . . . *Director*  
Thomas W. Wade, M.S. . . . . *Associate Director*

## REGISTRAR

Brother John Malachy, F.M.S., M.L.S. . . . . *Registrar*  
Elizabeth S. O'Brien . . . . . *Recorder*

## CHAPLAIN

Rev. James A. Driscoll, O.P., S.T.L. . . . . *College Chaplain*  
Rev. John D. Campbell, O.P., S.T.L. . . . . *Assistant to the Chaplain*

## ENGINEERING PROGRAMS

Brother Michael V. Kelly, F.M.S., M.E.E. . . . . *Coordinator*

### **THIRD YEAR ABROAD**

Brother Joseph Belanger, F.M.S., M.A. . . . . *Coordinator*

### **TEACHER EDUCATION**

Brother William J. Murphy, F.M.S., M.A. . . . . *Director*

### **STUDENT RESIDENCES**

Brother Michael V. Kelly, F.M.S., M.E.E. . . . . *Director*

### **RELIGIOUS STUDENTS**

Brother Thomas P. Brennan, F.M.S., M.A. . . . . *Director*

Brother Peter Hilary, F.M.S., M.A. . . . . *Director*  
ESOPUS CAMPUS

Brother David Ottmar, F.M.S., M.A. . . . . *Director*  
TYNGSBORO CAMPUS

### **SPELLMAN LIBRARY**

Brother Adrian N. Perreault, F.M.S., M.L.S. . . . . *Librarian*

Brother Paul Philibert, F.M.S., M.L.S. . . . . *Technical Services*

### **COUNSELING CENTER**

Brother Daniel Kirk, F.M.S., Ph.D. . . . . *Director*

Edward O'Keefe, M.A. . . . . *Assistant Director*

### **STUDENT HEALTH**

Raymond F. McFarlin, M.D. . . . . *House Physician*

### **ALUMNI OFFICE**

Brother Andrew Molloy, F.M.S., Ph.D. . . . . *Executive Secretary*

Gary DePaolo, B.A. . . . . *President of the Alumni Association*

### **BUSINESS OFFICE**

Anthony V. Campilii, B.A. . . . . *Business Manager*

Brother Nilus V. Donnelly, F.M.S., M.A. . . . *Superintendent of Grounds*  
*Director of Construction*

E. Rimai Fisher, B.A. . . . . *Design Consultant*



## ATHLETIC OFFICE

Howard Goldman, P.E.D. . . . .	<i>Director of Athletics</i>
Joseph Catanzaro . . . . .	<i>Coach of Crew</i>
Howard Goldman . . . . .	<i>Coach of Soccer</i>
Sal R. Mula . . . . .	<i>Coach of Sailing</i>
Lewis K. Schultz . . . . .	<i>Coach of Wrestling</i>
Frank Swetz . . . . .	<i>Coach of Weight-Lifting</i>
Thomas W. Wade . . . . .	<i>Coach of Basketball</i>
Charles DeStefano . . . . .	<i>Coach of Golf</i>
Joseph T. Sullivan . . . . .	<i>Coach of Cross Country</i>

## STUDENT ACTIVITIES

James Britt . . . . .	<i>Director of Dramatics</i>
Bernard de Surcy . . . . .	<i>Director of Chorus</i>

# **III. Introduction to 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 1963. Such rapid increase in numbers has been made possible only by a ten-year building program which has produced a campus presently worth over five million dollars.

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

In the 1963-1964 school year, Marist will have 800 full-time day students, with 500 evening division students. Its faculty will be 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 restrict the size of Marist to about 1200 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 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 consists 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.

*Fontaine Hall* (1957) is a complex of buildings which serves as residence for student brothers. It also contains the offices of the President and 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.

*Donnelly Hall* (1963) is a circular building with academic facilities for 1,000 students. Its 15 classrooms, cafeteria, 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.

*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.

*Gymnasium Building* (1949). This building serves also as the college auditorium. The Marist College Press and the college laundry are located in this building.

*Leo Hall* (1963) is a dormitory overlooking the Hudson River which houses 296 students. It is named for Brother Leo Brouillette 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.

*Adrian Lounge* (1958) is used by students and faculty for recreational and leisure activities. It also serves as a lecture hall. A prominent feature of this building is the custom-built stereophonic sound system with its extensive library of tapes.

*Greystone* (1845) is the oldest building on campus. At present it is used for offices of student organizations.

## LIBRARY

The *Cardinal Spellman Library* in Donnelly Hall is housed in a dramatic setting of an abstract stained-glass mural designed by E. Rimai Fisher. The completely air-conditioned library contains over 50,000 volumes, and subscribes to 250 professional and cultural periodicals. The *Law Library* is a special section containing over 2,000 volumes. 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.

## 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, and business.

*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 Mid-Hudson Association of Colleges. 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.

## **MEMBERSHIPS 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 holds memberships in the National Catholic Educational Association, the Association of Colleges and Universities of the State of New York, and the Commission on Independent 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. The specific aims and regulations of each club are described in the *Students' Handbook*.

### Student Government

*Student Council*: membership by election of the student body, the official representative of the interests and opinions of the undergraduates, which speaks to the Administration on matters directly affecting campus affairs. The Student Council controls and coordinates campus life activities.

### Clubs and Organizations

*Booster Club*  
*DaVinci Society*  
*Fleur-de-Lis*  
*Literary Club*  
*Glee Club*  
*Theatre Guild*  
*Pre-Legal Society*  
*Young Democratic Club*  
*Young Republican Club*  
*Varsity Club*

### Publications

*The Reynard*: Marist College Yearbook.  
*The Record*: Campus weekly.  
*Language and Pen*: journal of the Fleur-de-Lis.  
*Mosaic*: Literary quarterly.  
*Perspective*: monthly commentary published by student brothers.

### Religious Activities

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

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

The Holy Sacrifice of the Mass is offered daily at 12:15 P.M. and confessions are heard preceding the Mass, from 11:45 A.M. Weekly confessions and Sunday Mass are provided for resident students.

Special devotions scheduled throughout the year include: the Mass of the Holy Spirit which officially opens the academic year; Mass of the Sacred Heart which is celebrated on every First Friday; a three-day campus retreat, required of all Catholic resident students, conducted on the last weekend of October; special May and October devotions in honor of Our Blessed Lady; Lenten service during that penitential season.

A full-time resident chaplain for Catholic students is present and always available for confessions and counseling.

Special arrangements have been made for Protestant and Jewish students to have their own chaplains.

## **Athletics**

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

The college offers a program of intercollegiate sports including: crew, soccer, basketball, wrestling, cross-country, sailing, weight-lifting and golf. The intramural program offers a variety of activities including handball, basketball, bowling, golf, softball, touch football, golf, and wrestling. The addition of a program of physical education instruction is imminent.

Throughout all levels of the program of physical education and athletics the college emphasizes the physical, recreational and social-emotional values to be gained through active participation. The function of these programs is to equip the student for present and later life in the areas of personal relations, leisure time activity, self-awareness, and physical and emotional mastery of himself.

# **IV. Admissions Information**

## **Admission to Freshman Class**

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

<b>English</b>	<b>4 units</b>
<b>American History</b>	<b>1 unit</b>
<b>Social Science</b>	<b>2 units</b>
<b>Science</b>	<b>1 unit</b>
<b>Mathematics</b>	<b>2 units</b>
<b>Language</b>	<b>2 units</b>
<b>Electives</b>	<b>4 units</b>

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 principal 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 seventh term marks in the case of an applicant who has not yet graduated from high school except those who are seeking Early Acceptance.

2. *Entrance examination:* Applicants to the day division must submit the results of the Scholastic Aptitude Test of the College Entrance Examination Boards, (C.E.E.B. morning session). Applicants for the evening division may submit C.E.E.B. scores or take the entrance test of Marist College.

Students transferring from other colleges need not submit C.E.E.B. records nor take the entrance examination.



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 on college days for an appointment with the Director of Admissions.

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 attend 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 before the date of registration.

### **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.

### **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 train-

ing 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 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 admission.

# V. Tuition and Fees

## STATEMENT OF FEES

### Tuition

Per semester, until September 1964 ..... \$300.00

Per semester, effective September 1964 ..... 400.00

For students with twelve or more semester hours  
in any semester, and for all full-time students.

### Per semester hour

Degree students, until September 1964 ..... 20.00

Degree students, after September 1964 ..... 25.00

Special students, until September 1964 ..... 22.00

Special students, after September 1964 ..... 27.00

Room and Board, per semester ..... 425.00

### Matriculation fee

This fee is payable once, at the time the student  
registers for a degree program ..... 25.00

Application fee ..... 10.00

### Registration fee

Payable each semester ..... 5.00

Late registration fee ..... 2.00

Activities fee, day ..... 20.00

Activities fee, evening ..... 5.00

Deferred examination and re-examination fee ..... 5.00

Graduation fee ..... 25.00

### Change of program fee

For every change of program issued at the  
request of the student ..... 1.00

### Transcript fee

For every transcript after the first ..... 1.00

## PAYMENT OF FEES

Tuition and fees are due and payable when the student registers. Arrangements for deferred payments of fees are made directly with the business office. A service charge of \$2.00 per hundred dollars or fraction thereof of the amount due is assessed October 15 and March 15.

The college also cooperates formally with two independent agencies which arrange for financing of college costs on payment bases 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., One Park Avenue, New York 16, N. Y., 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 also provide financing plans for college costs.

The business office prefers payment by check. Payment 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.

Marist students who are residents of New York State may be eligible for Regents Scholar Incentive Awards or Regents Scholarships. Inquiries concerning these should be directed to: The University of the State of New York, The State Education Department, Regents Examination and Scholarship Center, Albany 1, New York, or to the business office.

Students who are holders of Regents Scholar Incentive Awards or of Regents Scholarships should present evidence of this to the business office at the time of registration.

Students whose accounts are in arrears will not be admitted to classes or examinations, and will not be given a diploma nor a transcript of record.

## REFUNDS

In the event a student withdraws from the college during the first two weeks of instruction, the total amount of his tuition will be refunded. After two weeks and before the middle of the semester, a rebate of one-half the tuition will be made. After the middle of the semester, no rebate 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, a *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 two weeks of instruction.

To withdraw from a course or from the college the student must notify the Registrar in writing. Simply notifying the classroom instructor or the dean is insufficient. A form is provided for this purpose. In computing the refund, the business office uses the date when the completed form has been received in the registrar's office.

## **VI. Financial Aids**

While it is true that the costs of college education are high, the mere thought of expenses should not deter a qualified student from seeking and obtaining the education which will enrich his future life and enhance his earning power by providing him with a more advanced professional preparation. There exist a variety of ways by which the interested student may manage to finance his education. The usual sources include: family assistance, personal savings, summer earnings, scholarships and grants-in-aid, loans, and student employment. Frequently the student will have to utilize a combination of some or all of these means. An applicant to the college may obtain information and guidance on planning the finances of his education from the Director of Admissions. A student in the college should apply to the Dean.

A student who is applying for student aid (either grants-in-aid, loan, or employment) must complete the PARENTS' CONFIDENTIAL STATEMENT of the College Boards and have the completed form sent to the college. These forms are available from the Director of Admissions.

*Scholarships.* While the college recognizes the value of a scholarship program, and admits students on New York State Regents Scholarships, the college offers no scholarships based strictly on ability. However, it does recommend that the applicant explore thoroughly every avenue of financial aid through this source. Normally the student's college adviser in his high school is able to furnish him with the pertinent information.

*Grants-in-aid.* The college offers financial assistance to entering freshmen with superior high school records and proven financial need in the form of grants-in-aid. These grants are renewable each year provided the student has maintained a scholastic index indicative of his superior ability. Entering freshmen who believe they qualify for grants-in-aid should apply to the Director of Admissions. The College cannot guarantee consideration for grants-in-aid unless requests are filed prior to March 1.

Upperclassmen with superior records desiring grants-in-aid should address their requests to the Financial Aid Committee.

Application forms for upperclassmen may be obtained from the office of the Dean. Requests should be filed by March 15.

*Scholar Incentive Awards.* Many New York State residents qualify for New York State Regents Scholar Incentive Awards. High School seniors who have taken the Regents Scholarship examinations will receive a Scholar Incentive application form during the spring term of their senior year. They may obtain further information from their guidance counselor.

Upperclassmen who have previously received a Scholar Incentive Award will receive an application form via mail for the following year. Students who have not previously received a Scholar Incentive Award may request an application form from: Regents Examination and Scholarship Center, State Education Department, Albany 1, New York.

All matters pertaining to these awards are handled by the business office.

*Loan funds.* Educational loans are available from state and federal governmental sources.

1. The New York State Higher Education Assistance Corporation provides loans for New York State residents. Qualified students may borrow up to \$750 for their freshmen year, up to \$1000 for the sophomore year, \$1250 for the junior year and up to \$1500 for the senior year.

All arrangements for this loan are made directly between the student and his local bank.

2. The National Defense Education Act provides loans for a student who meets the following criteria:

- a) He is a United States citizen.
- b) He proves financial need.
- c) He is a full time student, i.e., taking at least twelve credits a semester.
- d) He must be in good academic standing and capable of maintaining such standing.

There is a limited amount available in this loan fund. Preference will be given to early applicants. The Education Act also specifies that preference in allocating funds be given to superior students

who desire to teach in elementary or secondary schools and to students who have superior ability in science, mathematics, engineering or a modern foreign language.

Entering freshmen who wish to apply for a National Defense Student Loan should complete the Parent's Confidential Statement of the College Boards and have the completed form directed to the college prior to March 1. Upperclassmen should direct their request to the Financial Aid Committee prior to March 15. Request forms for upperclassmen may be obtained from the office of the Dean.

*Campus employment.* There are a very limited number of campus employment opportunities and these are reserved for upperclassmen. Students desiring campus employment should apply to the Financial Aid Committee through the office of the Dean.

*Off-Campus employment.* The Testing and Counseling Center maintains a list of available part-time positions in the Poughkeepsie area. While this service does not guarantee to find a job for anyone, it does provide information and assistance to deserving students. Employment for the first year student should be a matter of necessity rather than choice.



# **VII. Course of Study**

## **DEGREE REQUIREMENTS**

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

A student must pass 128 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 religion; history, English and language; and mathematics and science.

The student's major department must certify that the student has mastered the elements of his 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 representative which requirements are applicable and to arrange to take the required examinations.

## **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 busi-

ness 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.

### **TEACHER EDUCATION**

The program in teacher education at Marist College is designed to assist the student in preparing himself for a career in secondary school education by:

1. A well-rounded professional and academic curriculum which will be of value to him during the first years of his professional career;

2. The provision of a sound basis upon which the graduate may further his own professional and academic growth; and,

3. The fulfillment of the requirements of the State Education Department of the University of the State of New York, leading to the granting of a provisional certificate in one or more of the following areas: English, social studies, mathematics, physics, chemistry, biology, French and Spanish.

A student may apply for admission to the program at the end of his freshman year at Marist. If he meets the preliminary requirements of a 2.3 cumulative index, he will be accepted on a provisional basis by the director of teacher education.

At the end of sophomore year, the student must present a formal application in writing to the teacher education screening committee. He should have a 2.3 cumulative index and a 2.5 index in his major field. This application must be accompanied by three letters of recommendation from the faculty or administration of Marist College. If the committee is satisfied with his qualifications, he is formally admitted to the program.

Upon acceptance into the program, the student becomes a major in one of the following concentrations: Humanities, Natural Science and Mathematics, or The Social Sciences. Within his concentration, the student may specialize in a particular area. The Humanities concentration includes the English, Spanish and French areas. The Social Science concentration includes history and business administration. The Natural Science and Mathematics concentration includes mathematics, biology, chemistry and physics.

In all questions pertaining to courses within the teacher education program, the student must bear in mind that he must fulfill the core requirements of Marist College. Advice concerning his programs and other matters pertaining to teacher education is to be sought from the office of Teacher Education.

## **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 followed 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 about 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 is a broadening influence. 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. The perennial worth of such contact was dramatically brought to public notice by the Peace Corps program.

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.

# BACHELOR OF ARTS DEGREE

## Majors in

ENGLISH	FRENCH	HISTORY	LATIN	SPANISH
<b>FRESHMAN YEAR</b>				
Rel. 101		Fundamentals of Catholic Belief		2
Eng. 103-4		English Composition		2 2
Eng. 105-6		Introduction to Literature		3 3
Hist. 111-2		Medieval History		2 2
Bio. 105-6		General Biology		3 3
Econ. 103		Price Theory and the Market		2
Econ. 105		National Income		2
Math. 105-6		Modern Mathematics		2 2
Lang.		Elementary or Intermediate		2 2
<b>SOPHOMORE YEAR</b>				
Rel. 203-4		Sacred Scripture		3 3
Phil. 204		Philosophy of Being		2
Phil.		Philosophy		2
Eng. 301-2		American Literature		2 2
Psych. 207-8		Ego Development		2 2
Hist. 211-2		American History		2 2
Lang.		Intermediate or Advanced		2 2
Major				2 2
Elective				2 2
<b>JUNIOR YEAR</b>				
Rel. 301-2		Unity and Trinity, Incarnation		3 3
Phil. 302		Philosophy of Man		2
Phil.		Philosophy		2
Hist. 301-2		Modern European History		2 2
Major				4 4
Elective				4 4
<b>SENIOR YEAR</b>				
Rel. 401		Catholic Morality, Marriage		2
Phil. 402		Moral Philosophy		2
Phil.		Philosophy		2 2
Major				6 6
Electives				5 5
<b>SUMMARY</b>				
Religion	16	Economics		4
Philosophy	14	Language		8
English	14	Psychology		4
History	12	Major		24
Mathematics	4	Electives		22
Science	6			

# BACHELOR OF ARTS DEGREE

## Major in BUSINESS

### FRESHMAN YEAR

Rel.	101	Fundamentals of Catholic Belief	2	
Eng.	103-4	English Composition	2	2
Eng.	105-6	Introduction to Literature	3	3
Hist.	111-2	Medieval History	2	2
Bio.	105-6	General Biology	3	3
Econ.	<del>103</del> 203	<del>Price Theory and the Market</del> <i>Principles of Economics</i>	<del>3</del> 3	<del>3</del> 3 (Hand book & signs)
Econ.	<del>105</del> 204	<del>National Income</del> <i>microeconomics</i>	<del>2</del> 2	<del>3</del> 3 (fall)
Math.	105-6	Modern Mathematics	2	2
or		College Algebra, Analytic Geom. and Calculus I	3	3
Math.	103-4	Elementary or Intermediate	2	2

### SOPHOMORE YEAR

Rel.	203-4	Sacred Scripture	3	3
Phil.	204	Philosophy of Being	2	
Phil.		Philosophy		2
Eng.	301-2	American Literature	2	2
Psych.	207-8	Ego Development	2	2
Hist.	211-2	American History	2	2
Lang.		Intermediate or Advanced	2	2
Bus.	201-2	Managerial Accounting I-II	3	3
Elective			2	2

### JUNIOR YEAR

Rel.	301-2	Unity and Trinity, Incarnation	3	3
Phil.	302	Philosophy of Man	2	
Phil.		Philosophy		2
Hist.	301-2	Modern European History	2	2
Bus.	304	Financial Management		3
Bus.	303	Public Policies toward Business	3	
Math.	205	Statistics	3	
Bus.	302	Business Law		3
Elective			2	2

### SENIOR YEAR

Rel.	401	Catholic Morality, Marriage	2	
Phil.	402	Moral Philosophy	2	
Phil.		Philosophy	2	2
Econ.	304	Money and Banking		3
Bus.	405	Marketing Management	3	
Bus.	406	Personnel Management and Industrial Relations	3	
Bus.	407	Production Management		3
Elective			4	4

### SUMMARY

Religion	16	Mathematics	7	Psychology	4
Philosophy	14	Science	6	Major	24
English	14	Economics	7	Electives	16
History	12	Language	8		

# BACHELOR OF ARTS DEGREE

## Major in BIOLOGY

### FRESHMAN YEAR

Rel.	101	Fundamentals of Catholic Belief	2	
Eng.	103-4	English Composition	2	2
Eng.	105-6	Introduction to Literature	3	3
Hist.	111-2	Medieval History	2	2
Math.	103	College Algebra and Trigonometry	3	
Math.	104	Analytic Geometry and Calculus I		3
Econ.	103	Price Theory and the Market	2	
Econ.	105	National Income		2
Psych.	101-2	Introductory Psychology	2	2
Chem.	101	Principles of Modern Chemistry	4	
Chem.	102	Inorganic Chemistry		4

### SOPHOMORE YEAR

Rel.	203-4	Sacred Scripture	3	3
Phil.	204	Philosophy of Being	2	
Phil.		Philosophy		2
Hist.	211-2	American History	2	2
Bio.	105-6	General Biology	4	4
Bio.	107-8	General Biology Laboratory	1	1
Math.		Statistics of Calculus II	3	
Elective			4	4

### JUNIOR YEAR

Rel.	301	Unity and Trinity, Incarnation	3	3
Phil.	302	Philosophy of Man	2	
Phil.		Philosophy		2
Major			8	8
Electives			3	3

### SENIOR YEAR

Rel.	401	Catholic Morality, Marriage	2	
Phil.	402	Moral Philosophy	2	
Phil.		Philosophy	2	2
Major			4	4
Electives			5	4

### SUMMARY

Religion	16	Science	16
Philosophy	14	Economics	4
English	10	Psychology	4
History	8	Major	24
Mathematics	9	Electives	23



# BACHELOR OF ARTS DEGREE

## Major in CHEMISTRY

### FRESHMAN YEAR

Rel.	101	Fundamentals of Catholic Belief	2	
Eng.	103-4	English Composition	2	2
Eng.	105-6	Introduction to Literature	3	3
Hist.	111-2	Medieval History	2	2
Math.	103	College Algebra & Trigonometry	3	
Math.	104	Analytic Geometry & Calculus I		3
Econ.	103	Price Theory and the Market	2	
Econ.	105	National Income		2
Psych.	101-2	Introductory Psychology	2	2
Chem.	101	Principles of Modern Chemistry	4	
Chem.	102	Inorganic Chemistry		4

### SOPHOMORE YEAR

Rel.	203-4	Sacred Scripture	3	3
Phil.	204	Philosophy of Being	2	
Phil.		Philosophy		2
Math.	201-2	Analytic Geometry & Calculus II, III	3	3
Phys.	201-2	General Physics	3	3
Phys.	203	General Physics Laboratory		3
Chem.	203-4	Organic Chemistry	4	4

### JUNIOR YEAR

Rel.	301-2	Unity and Trinity, Incarnation	3	3
Phil.	302	Philosophy of Man	2	
Phil.		Philosophy		2
Chem.	303-4	Analytical Chemistry	4	4
Chem.	305-6	Physical Chemistry	3	3
Chem.	307-8	Experimental Physical Chemistry	1	1
Electives			4	3

### SENIOR YEAR

Rel.	401	Catholic Morality, Marriage	2	
Phil.	402	Moral Philosophy	2	
Phil.		Philosophy	2	2
Hist.	211-2	American History	2	2
Electives			6	6

### SUMMARY

Religion	16	Science	17
Philosophy	14	Economics	4
English	10	Psychology	4
History	8	Major	24
Mathematics	12	Electives	19

# BACHELOR OF ARTS DEGREE

## Majors in PHYSICS MATHEMATICS

### FRESHMAN YEAR

Rel.	101	Fundamentals of Catholic Belief	2	
Eng.	103-4	English Composition	2	2
Eng.	105-6	Introduction to Literature	3	3
Hist.	111-2	Medieval History	2	2
Math.	103	College Algebra and Trigonometry	3	
Math.	104	Analytic Geometry and Calculus I		3
Econ.	103	Price Theory and the Market	2	
Econ.	105	National Income		2
Psych.	101-2	Introductory Psychology	2	2
Chem.	101	Principles of Modern Chemistry	4	
Chem.	102	Inorganic Chemistry		4

### SOPHOMORE YEAR

Rel.	203-4	Sacred Scripture	3	3
Phil.	204	Philosophy of Being	2	
Phil.		Philosophy		2
Hist.	211-2	American History	2	2
Math.	201-2	Analytic Geometry & Calculus II, III	3	3
Phys.	201-2	General Physics	3	3
Phys.	203	General Physics Laboratory		3
Electives			2	2

### JUNIOR YEAR

Rel.	301	Unity and Trinity, Incarnation	3	3
Phil.	302	Philosophy of Man	2	
Phil.		Philosophy		2
Major			6	6
Electives			4	3

### SENIOR YEAR

Rel.	401	Catholic Morality, Marriage	2	
Phil.	402	Moral Philosophy	2	
Phil.		Philosophy	2	2
Major			6	6
Electives			4	4

### SUMMARY

Religion	16	Science	17
Philosophy	14	Economics	4
English	10	Psychology	4
History	8	Major	24
Mathematics	12	Electives	19

## BACHELOR OF ARTS DEGREE

### Major in PSYCHOLOGY

#### FRESHMAN YEAR

Rel.	101	Fundamentals of Catholic Belief	2		
Eng.	103-4	English Composition	2		2
Eng.	105-6	Introduction to Literature	3		3
Hist.	111-2	Medieval History	2		2
Econ.	103	Price Theory and the Market	2		
Econ.	105	National Income			2
Psych.	101-2	Introductory Psychology	2		2
Bio.	105-6	General Biology	3		3
Bio.	107-8	General Biology Laboratory	1		1
Math.	103-4	College Algebra & Trigonometry, Analytic Geometry & Calculus I	3		3
or					
Math.	201-2	Analytic Geometry & Calculus II, III	3		3

#### SOPHOMORE YEAR

Rel.	203-4	Sacred Scripture	3		3
Phil.	204	Philosophy of Being	2		
Phil.		Philosophy			2
Hist.	211-2	American History	2		2
Math.	205	Statistics	2		2
Phys.	201-2	General Physics	3		3
Phys.	203	General Physics Laboratory			3
or					
Chem.	101	Principles of Modern Chemistry	4		
Chem.	102	Inorganic Chemistry			4
Psych.	207-8	Ego Development	2		2

#### JUNIOR YEAR

Rel.	301-2	Unity and Trinity, Incarnation	3		3
Phil.	302	Philosophy of Man	2		
Phil.		Philosophy			2
Major			6		6
Electives			5		5

#### SENIOR YEAR

Rel.	401	Catholic Morality, Marriage	2		
Phil.	402	Moral Philosophy	2		
Phil.		Philosophy	2		2
Major			4		4
Electives			6		6

#### SUMMARY

Religion	16	Science	16
Philosophy	14	Economics	4
English	10	Psychology	4
History	8	Major	24
Mathematics	10	Elective	22

# Description of Courses

## DEPARTMENT OF BIOLOGY

*Area Requirement.* There is no area requirement in Biology. However, BIOLOGY 105-106 may be used to satisfy the science area requirement.

*Major Field Requirement.* Students selecting biology as a major field must satisfy the following requirements for graduation: (a) acquire a minimum of 32 credit hours in biology and 8 credit hours in chemistry and (b) pass a comprehensive written and/or oral examination in biology during the spring of senior year. Students failing the examination have the opportunity to take a second examination in the following Fall. Upperclassmen may elect to take CHEM. 305-306 or CHEM. 409-410 in place of two upperclass biology courses providing they have satisfied the prerequisite requirements and have the consent of their department advisor.

BIO. 105-106      GENERAL BIOLOGY.      *Six credits*  
An introduction to basic biological concepts and principles. Biological organization is studied at the level of the cell, organism, population, community and ecosystem.  
*Three hours lecture per week. Two semesters.*

BIO. 107-108      GENERAL BIOLOGY LABORATORY.      *Two credits*  
The application of scientific method to biological problems. Techniques and laboratory procedures will be emphasized. This is a required course for biology majors and pre-meds and is to be taken concurrently with BIO. 105-106.  
*Three hours laboratory per week. Two semesters.*

BIO. 303      DEVELOPMENT OF VERTEBRATES.      *Four credits*  
An introduction to the principles of growth and development in vertebrates. Emphasis in laboratory is placed on chick and pig development.  
*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.  
*Two hours lecture, four hours laboratory per week. One semester.*
- BIO. 305 GENETICS.** *Four credits*  
 A study of the principles and theories of inheritance. Classical as well as recent studies are thoroughly reviewed. Laboratory exercises deal primarily with inheritance in the fruit fly, *Drosophila melanogaster*.  
*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 will include methods of identification and ecology of local faunas.  
*Three hours lecture, three hours laboratory per week. One semester.*
- 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.  
*Three hours lecture, three hours laboratory per week. One semester.*
- BIO. 404 BIOLOGY OF POPULATIONS.** *Four credits*  
 A review of selected topics in population biology. They include population genetics, units of population, speciation, and factors limiting the density and habitats of population.  
*Prerequisite: BIO. 305.*  
*Three hours lecture, three hours laboratory per week. One semester.*
- BIO. 405 COMPARATIVE CHORDATE ANATOMY.** *Four credits*  
 A comparative study of the organ system of protochordates and vertebrates. Laboratory work includes the dissection of the shark and cat.  
*Two hours lecture, four hours laboratory per week. One semester.*
- BIO. 406 SENIOR RESEARCH.** *Four credits*  
 Majors may elect to conduct an independent research project under faculty supervision during their senior year. Students are expected to spend four to eight hours per week on the project and must submit a typed thesis conforming to acceptable standards of form and style no later than May 1. Majors interested in doing a project must notify their advisor at the beginning of the spring semester of their junior year.
- BIO. 407 BIOLOGY SEMINAR.** *No credit*  
 Majors are required to attend a bimonthly biology seminar to discuss and review recent developments in biology. Contributors to these meetings include faculty, majors and guest speakers.

## DEPARTMENT OF BUSINESS

*Major Field Requirement.* A student who chooses business as a major field must complete a minimum of twenty-four semester hours in the department. He must also pass a written or oral comprehensive examination.

Normally, a student majoring in business is expected to have taken ECON. 103-105 and BUSINESS 201-202 before taking any 300 or 400 level courses in business. Business majors must complete seven credits in Economics.

BUS. 201      MANAGERIAL ACCOUNTING I.      *Three credits*  
Development of elementary concepts and tools of analysis. Interpretation of transactions and preparation of statements reporting financial position, earnings and fund-flows.

BUS. 202      MANAGERIAL ACCOUNTING II.      *Three credits*  
Deals with budget preparation, internal control procedures, elements of cost accounting and the establishment of standard costs as a means of managerial control.

*Prerequisite:* BUS. 201

BUS. 302      BUSINESS LAW.      *Three credits*  
Role of the legal approach to the problem of control in our economy. The functioning of the legal system and legal relationships encountered in business are considered. Early emphasis in the course placed on the Philosophy behind our laws and the role and manner in which law defines, facilitates and limits enterprise.

BUS. 303      PUBLIC POLICIES TOWARD BUSINESS.      *Three credits*  
A broad survey of government legislation and regulations affecting business. Emphasis on the public policy of maintaining competition and comparing this policy with trade regulation experience.

BUS. 304      FINANCIAL MANAGEMENT.      *Three credits*  
A study of the financial framework within which business operates and the effective management of fund-flows through the enterprise. Topics considered are the markets for loanable funds, evaluation of various means of business financing with dynamic economic conditions, capital and cash budgets, and valuation problems. Emphasis on corporate financial policies and procedures.

BUS. 405      MARKETING MANAGEMENT.      *Three credits*  
This course is designed to introduce all business students to the fundamental problems of marketing management. Emphasis is placed on the use of accounting, statistics, economics, social psychology and other tools in solving those problems. In addition to stress placed on the interrelation of marketing, production and finance within firms, a study of the functioning of marketing institutions and their relationship to one another is also made.

*Desirable Prerequisite:* MATH. 205.

BUS. 406 PERSONNEL MANAGEMENT AND  
INDUSTRIAL RELATIONS.

*Three credits*

A survey course designed to include basic ideas, data and problems in this field. Material about the labor force and labor market are discussed, as well as managerial organization and policy alternatives. Unions, issues in the employment relationship and public policy questions are also considered.

BUS. 407 PRODUCTION MANAGEMENT.

*Three credits*

A course intended to familiarize the student with the principal administrative problems and techniques used in the efficient manufacture of goods and services. Fundamentals of manufacturing processes are covered, in addition to a study of methods analysis and time standard application and development. The course includes a survey of production control techniques, determination of inventory levels, and the use of statistical quality control in manufacturing. Wage and salary plans are considered, and, to some extent, engineering economics is viewed for evaluating production alternatives.

*Prerequisite:* MATH. 205.

## DEPARTMENT OF CHEMISTRY

*Area Requirement.* CHEM. 101-102 may be used to satisfy the liberal arts requirement in science.

*Major Field Requirements.* A student majoring in chemistry must take CHEM. 101-102, CHEM. 203-204, CHEM. 303-304, CHEM. 305-306, CHEM. 307-308, PHYS. 201-202-203, and MATH. 104-201-202. German is the recommended language. He must also successfully pass a comprehensive examination.

CHEM. 101 PRINCIPLES OF MODERN CHEMISTRY.

*Four credits*

An introduction at the elementary level to the principles of physical chemistry. The laboratory features experiments illustrating these principles as well as experiments in inorganic chemistry designed to prepare the student for the survey course in inorganic chemistry offered during the second semester.

*Two hours lecture, one problem session, three hours laboratory per week.*

CHEM. 102 INORGANIC CHEMISTRY.

*Four credits*

A survey of the chemistry of inorganic compounds in the light of modern principles, with special emphasis on the phenomenon of chemical periodicity. The laboratory includes a continuation of experimental inorganic chemistry as well as classical qualitative analysis.

*Prerequisite:* CHEM. 101.

*Two hours lecture, one problem session, three hours laboratory per week.*

- CHEM. 203-204 ORGANIC CHEMISTRY.** *Eight 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.  
*Two hours lecture, one problem period, four hours laboratory per week.*  
*Two semesters.*
- CHEM. 303-304 ANALYTICAL CHEMISTRY.** *Eight credits*  
 The theory and application of classical and modern methods of quantitative analysis including the application of modern instrumentation.  
*Prerequisite:* CHEM. 101-102.  
*Two hours lecture, four hours laboratory per week. Two semesters.*
- 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. 201-202-203.  
*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 concurrently with CHEM. 305-306.  
*Three hours laboratory per week.*
- CHEM. 403 INORGANIC SYNTHESIS.** *Three credits*  
 A laboratory course in the synthesis of inorganic materials.  
*Prerequisite:* Permission of the instructor.
- CHEM. 404 PHYSICAL INORGANIC CHEMISTRY.** *Three credits*  
 An advanced treatment of special topics in physical inorganic chemistry.  
*Prerequisite:* Permission of the instructor.
- CHEM. 405 ADVANCED ORGANIC CHEMISTRY.** *Three credits*  
 A study of the structure, synthesis and general properties of terpenes, alkaloids, heterocyclic compounds.  
*Prerequisite:* CHEM. 203-204.
- CHEM. 406 ORGANIC QUALITATIVE AND  
 QUANTITATIVE ANALYSIS.** *Three credits*  
 A laboratory and lecture course dealing with the systematic identification and analysis of organic compounds.  
*Prerequisite:* CHEM. 203-204.
- 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 hours lecture, four hours laboratory per week.*

CHEM. 495-496      **SENIOR RESEARCH.**      *Four credits*  
This course is open to senior chemistry majors only. It offers such students the opportunity to do basic research under the supervision of a faculty member. Although there are no formally assigned hours, a student is expected to spend at least four to eight hours per week for two semesters to earn credit. At the end of his work 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.

## **DEPARTMENT OF EDUCATION**

All education courses except EDUC. 351 are open only to students in the programs in Teacher Education. Permission to take these courses must be sought from the Dean by all other students.

EDUC. 351      **EDUCATIONAL PSYCHOLOGY.**      *Three credits*  
A systematic study of the learning process with particular emphasis on meaningful verbal material. Other related topics are integrated around Ausubel's learning orientations of satellization, incorporation and exploration.

EDUC. 361      **PHILOSOPHY AND HISTORY OF EDUCATION.**      *Three credits*  
A survey of the development of educational thought and practice from the Greeks and Romans to the present. Special emphasis is placed on readings selected from the great educational philosophers of the western world. An attempt is made to show formal education as the attempt by society to solve its problems and meet the challenges of change.

EDUC. 371      **METHODS OF TEACHING ENGLISH  
                    IN SECONDARY SCHOOLS.**      *Three credits*  
Principles of basic methodology in secondary school. 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. Methods of teaching composition, classroom management, lesson planning.

EDUC. 372      **METHODS OF TEACHING SOCIAL STUDIES  
                    IN SECONDARY SCHOOLS.**      *Three credits*  
Study of syllabi in history and social science on the junior-senior secondary school level, and their relationship to advanced study in history. Special emphasis on lesson planning, visual aids, classroom management. Demonstration lessons.

EDUC. 373      **METHODS OF TEACHING SCIENCE AND MATHEMATICS  
                    IN SECONDARY SCHOOLS.**      *Four credits*  
Study of syllabi in mathematics and science on the junior-senior high school level and their relation to advanced study in these fields. Emphasis



*English Major.* A student wishing to offer English as a major field must present twenty-four semester hours above the area requirement. He must also pass a comprehensive examination. Term papers are required in all major English courses.

*Language Requirement.* The recommended languages for the English major student are French, German, Latin, or Spanish. If he intends to continue his English studies on the graduate school level, he should elect either French or German.

*Comprehensive.* The comprehensive examination is designed to test 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. 103-104      ENGLISH COMPOSITION. *Four credits*

A study of the principles of rhetoric, including the various types of expository, argumentative, narrative, and descriptive writing. Readings in the essay are augmented by regular writing drills.

ENG. 105-106      INTRODUCTION TO LITERATURE. *Six credits*

A careful analysis of the principles employed in the construction of the short story, novel, drama, and lyric poem.

ENG. 107      DEVELOPMENTAL READING. *Two credits*

Training in increasing the speed and comprehension of reading different types of material.

ENG. 203      ADVANCED COMPOSITION. *Two credits*

Intensive practice in problems of producing the non-fiction, or expository, article. Special attention is given to rhetorical devices and elements of prose style.

ENG. 301-302      AMERICAN LITERATURE. *Four credits*

The development and background in prose and poetry in the United States, expressive of the American mind, from Colonial times to the present.

ENG. 303      PUBLIC SPEAKING. *Three credits*

Training is given in stage presence, note talks, and extemporaneous speeches. Students participate in debates, forums, and panels; they are also required to analyze pieces of literature orally and deliver sample class lectures.

ENG. 305-306      MEDIA OF COMMUNICATION. *Six credits*

A survey of educational, industrial, social, and communal communications. The methods, function, and responsibility of the media are stressed. Classes are augmented by guest lecturers and field trips.

ENG. 307      DESCRIPTIVE LINGUISTICS. *Two credits*

A study of the internal nature of language through an analysis of phonemes and morphemes. Special emphasis is placed upon the development and structure of the English language.

ENG. 309-310 HISTORY OF THE ENGLISH LANGUAGE. *Four credits*  
A study of the development of the language from the earliest stages to the present time.

#### GROUP A. CENTURY SURVEY COURSES

ENG. 321 MEDIEVAL LITERATURE. *Two credits*  
English literature from the Old English period to the establishment of printing in England.

ENG. 322 LITERATURE OF THE RENAISSANCE. *Two credits*  
A study of the principal writings and literary trends in the sixteenth century, exclusive of the dramatists.

ENG. 323 SEVENTEENTH CENTURY  
LITERATURE (1603-1660). *Two credits*  
Metaphysical and Classical poetry. Milton. Development of prose in Bacon, Donne, Hobbes, Burton and Browne.

ENG. 324 LITERATURE OF THE RESTORATION. *Two credits*  
Prose and poetry of Dryden. The drama of Etherege, Congreve, and Wycherley. The Court Wits. Literary trends leading to the Age of Reason.

ENG. 325-326 EIGHTEENTH CENTURY LITERATURE. *Four credits*  
A survey of the works of Pope, the classical poets, Swift, Johnson, the essayists, the critical poets, the rise of the novel, the coming of Romanticism in Burns and Blake.

ENG. 327 THE ROMANTIC MOVEMENT. *Two credits*  
Romanticism in the poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats.

ENG. 328 THE LATER NINETEENTH CENTURY. *Two credits*  
A study of the major figures in prose and poetry in the Victorian Age.

ENG. 329-330 CONTEMPORARY ENGLISH AND  
AMERICAN LITERATURE. *Four credits*  
A critical analysis of the principal trends in twentieth century literature in the novel, criticism, poetry, and the drama in England and America.

ENG. 331-332 MAJOR BRITISH WRITERS. *Six credits*  
A close study of the writings of the leading literary figures in English Literature from Chaucer to T. S. Eliot.

#### GROUP B. GENRES

ENG. 313-314 PRECEPTS OF LYRIC POETRY. *Four credits*  
A chronological survey of the nature and province of lyric poetry from the medieval period to the present. A study of the emotional, imaginative and intellectual elements, together with the form, that constitute lyric poetry. General laws of versification are studied.

ENG. 315-316 THE NOVEL. *Four credits*  
The development of the form of the English novel from its beginnings to the present.

ENG. 317-318      **DRAMA.** *Four credits*  
A chronological survey of the drama in England, excluding Shakespeare, from its origin in the liturgy of the Medieval Church to the present.

ENG. 319      **THE CONTEMPORARY NOVEL.** *Two credits*  
An analytic study of several outstanding modern novelists and their work.

### **GROUP C. MAJOR WRITERS**

ENG. 413-414      **CHAUCER.** *Four credits*  
A detailed examination of the *Troilus and the Tales* with emphasis on their literary characteristics and importance in the development of western thought.

ENG. 415-416      **SHAKESPEARE.** *Four credits*  
A study of Shakespeare's art and development through an analysis of representative comedies, histories and tragedies.

ENG. 417-418      **MASTERPIECES OF WORLD LITERATURE.** *Four credits*  
A reading of the works of several of the major writers in Western Civilization, including Homer, Virgil, Dante, Rabelais, Ibsen, Dostoyevsky, Tolstoy, and Mann.

### **GROUP D. LITERARY CRITICISM**

ENG. 311-312      **LITERARY CRITICISM.** *Four credits*  
A study of the major texts from antiquity to T. S. Eliot and the New Critics.

### **GROUP E. CREATIVE WRITING**

ENG. 411-412      **WRITING PROSE FICTION.** *Four credits*  
Analytical study and production of creative forms of prose, particularly the short story.

## **DEPARTMENT OF HISTORY**

*Area Requirement.* Liberal arts students satisfy the area requirements in history by taking and passing the following courses: HIST. 111, 112, 211, 212, 301, 302.

Students majoring in science or mathematics fulfill the requirement by taking eight semester hours from the above listed courses. The selection of the courses depends to a great extent upon individual schedules.

*Major Field Requirement.* In addition to the liberal arts requirements, HIST. 111, 112, 211, 212, 301, 302, the history major will take HIST. 425, 426, and 499, and either POL. SC. 101 or 105.

The History major will also complete sixteen semester hours in more specialized areas. No more than eight of these semester hours may be taken in one of the following areas: Ancient, Medieval, Modern European, American, Far Eastern, or Contemporary. This gives the student considerable latitude in following his particular interests while insisting upon his maintaining some breadth of background in general history.



- HIST. 307      RENAISSANCE AND REFORMATION.                      *Two credits*  
Investigation of the origin and spread of the Renaissance and reformation movements throughout Europe, up to 1648.
- HIST. 313      FRENCH REVOLUTION AND NAPOLEON.                      *Two credits*  
Traces the French Revolution from its causes to its culmination in the dictatorship of Napoleon.
- HIST. 321      AMERICAN COLONIAL HISTORY.                      *Two 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. 322      THE AGE OF WASHINGTON.                      *Two credits*  
An examination of the events which shaped the infant American nation from 1754 to 1796, with emphasis on the American Revolution and the formation of the Constitution of the United States.
- HIST. 325      THE PROGRESSIVE ERA.                      *Two credits*  
The course covers the United States from 1900 to 1928 with special emphasis on the reform movements which prepared the way for the New Deal.
- HIST. 326      SEMINAR OF THE ROOSEVELT ERA.                      *Two credits*  
The United States from 1928 to 1945: the change in the relationship between the government and the economy; the change from American isolation to American world leadership.
- HIST. 341      HISTORY OF INDIA.                      *Two 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. 342      HISTORY OF CHINA.                      *Two credits*  
A survey of the civilization of China from the earliest times to the modern period. Political, social, economic, and religious developments of China.
- HIST. 404      ANCIENT ROME.                      *Two Credits*  
The development of the Roman character, of the Roman law and other Republican institutions, the rise and fall of the Roman Empire.
- HIST. 405      BYZANTINE AND ARABIC CIVILIZATION.                      *Two 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.).  
*To be offered Fall 1964.*
- HIST. 406      THE FEUDAL MONARCHIES.                      *Two credits*  
The development of political institutions in western Europe between the 10th and 15th centuries with particular emphasis upon church-state relations and the development of the English and French states.  
*To be offered Fall 1964.*

- HIST. 407    MEDIEVAL ART AND ARCHITECTURE. *Two credits*  
 A survey of the four great styles of art and architecture as they developed during the medieval period, with due regard for the differences of local, regional, and even national expression within the styles. An effort will be made to see through the art to the culture which produced it.  
*To be offered Spring 1965.*
- HIST. 413    THE DIPLOMATIC HISTORY OF EARLY  
                   MODERN EUROPE. *Two 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. 421    THE CIVIL WAR. *Two credits*  
 A study of America during the 1860's emphasizing the causes, the course of and the aftermath of the Civil War, with a consideration of the lingering effects of the conflict on American society, North and South.
- HIST. 422    WESTWARD EXPANSION. *Two credits*  
 This 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. 441    THE HISTORY OF JAPAN. *Two credits*  
 A survey of the civilization of Japan from the earliest times to the modern period. Political, social, economic, and religious developments of Japan.  
*To be offered Fall 1964.*
- HIST. 442    NATIONALISM AND COMMUNISM IN  
                   TWENTIETH CENTURY ASIA. *Two credits*  
 Studies of the rise, development, and interplay of the Nationalist and Communist movements of the twentieth century Asian countries to the present time.  
*To be offered Spring 1965.*
- HIST. 499    HISTORIOGRAPHY. *Two credits*  
 A study of the history of historical writing, treating of authors and their tools from ancient times until the present century.
- POL. SC. 101    GREAT POLITICAL THINKERS. *Two credits*  
 The course surveys the great political thinkers from the time of the Ancient Greeks to the present century. The accent is placed on the influence of these men on present political thought.
- POL. SC. 105    AMERICAN GOVERNMENT —  
                   PRINCIPLES & PROBLEMS. *Two credits*  
 A study of nature and origin of the state as it exists in the United States. The course investigates the changes in American government necessitated by the growth of the country. It stresses modern practice and theory.



## DEPARTMENT OF CLASSICAL LANGUAGES

*Area Requirement.* A student may replace the modern language requirement 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.

The student's grasp of Latin language and literature will be tested by a comprehensive examination.

GREEK 101-102     ELEMENTARY GREEK.     *Four credits*  
This intensive course in Attic morphology, vocabulary, and syntax aims to provide the student with a solid foundation.

LAT. 103-104     ELEMENTARY LATIN.     *Four credits*  
An intensive systematic survey of Latin grammar, particularly as exemplified in the prescribed readings from Caesar and the orations of Cicero. *No previous knowledge of Latin required.*

LAT. 105-106     INTERMEDIATE LATIN.     *Four credits*

LAT. 201-202     SELECTIONS IN LATIN PROSE AND POETRY.     *Four 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.

LAT. 203-204     HYMNS OF THE CHURCH.  
                                (From the Liturgy)     *Four credits*

LAT. 207-208     CHURCH LATIN.     *Four credits*

LAT. 211-212     SURVEY OF LATIN LITERATURE.     *Six credits*  
This course will cover at least twenty important Latin authors, placing each in time and giving a short account of his life and work. Excerpts from the work of each author will be studied.

LAT. 301     READINGS IN LIVY.     *Three credits*

LAT. 302     TACITUS AGRICOLA AND GERMANIA.     *Four credits*

LAT. 303-304     CICERO-DEAMICITIA. SELECTED LETTERS.     *Three credits*

LAT. 311-312     THE FASTI OF OVID.     *Six credits*

LAT. 321-322     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. 401-402     LOGOEDIC RHYTHMNS IN HORACE AND CATULLUS.     *Six credits*

LAT. 403-404 SURVEY OF LATIN PROSE. *Six credits*

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

LAT. 405-406 SURVEY OF LATIN POETRY. *Six credits*

Reading and appreciation of Latin selections from the *Odes*, *Epistles*, and *Satires*, and a critical study of the *Ars Poetica*, with readings and criticisms of representative Latin Poets.

## DEPARTMENT OF MATHEMATICS

*Area Requirement.* The area requirement in mathematics is satisfied by either MATH. 105-106 or 103-104. MATH. 105-106 is recommended for humanities students. Science and business students are advised to take MATH. 103-104.

*Major Field Requirement.* The student must complete a minimum of twenty-four semester hours of mathematics in courses numbered above 300. He may consult with his departmental adviser in his choice of related electives.

The student must pass a comprehensive examination. This will be either written or oral. It will test not only his course work in mathematics, but his knowledge of basic physics and his independent readings.

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. 105-106 MODERN MATHEMATICS. *Four credits*

Designed to provide the liberal arts students with 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.

MATH. 103 COLLEGE ALGEBRA AND TRIGONOMETRY. *Three credits*

Review of intermediate algebra; theory of equations; determinants, logarithms, inequalities and partial fractions; polynomial functions; binomial theorem; complex numbers; trigonometric functions; equations and identities.

MATH. 104 ANALYTIC GEOMETRY AND CALCULUS I. *Three credits*

Differentiation and integration of algebraic functions with applications: velocity, rates, maxima and minima, area, volumes, centroids. Elements of analytic geometry.

*Prerequisite:* MATH. 103, or four years of high school mathematics, including advanced algebra and trigonometry.

- MATH. 201 ANALYTIC GEOMETRY AND CALCULUS II *Three credits*  
 Differentiation and integration of transcendental functions. Analytic geometry; conic sections. Applications.
- MATH. 202 ANALYTIC GEOMETRY AND CALCULUS III. *Three credits*  
 Infinite series, power series. Partial differentiation and multiple integrals. Hyperbolic functions, complex numbers and vectors. Applications.
- MATH. 203-204 ELEMENTARY STATISTICS. *Four credits*  
 Description of sample data, simple probability, the binomial and normal curves, estimation and testing of hypotheses, correlation and regression, the Chi-squared distribution.
- MATH. 205 INTRODUCTORY STATISTICS. *Three credits*  
 An intensive treatment of the same topics as MATH. 203-204.  
*Prerequisite:* MATH. 103 or its equivalent.
- MATH. 301 DIFFERENTIAL EQUATIONS. *Three credits*  
 Ordinary differential equations: first order differential equations; linear equations; systems of linear equations; electrical circuits: Existence theorems. Series solution of the classical second order differential equations. Numerical methods. Introduction to Fourier series and Laplace transform.
- MATH. 302 ADVANCED CALCULUS. *Three credits*  
 Law of the mean; mean value theorems. Vector algebra. Partial differentiation with applications. Implicit function theorem. Multiple Integration. Line and Surface Integrals. Theorems of Gauss, Green and Stokes. Vector Integral Calculus. Series. Improper Integrals. Fourier series.
- 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. The Gamma and Beta Functions. Fourier series and Fourier integrals. Laplace transform.
- MATH. 311 ABSTRACT ALGEBRA. *Three credits*  
 Set theory. The real and complex number systems. Integral domains, fields and groups. Survey of such abstract structures as linear algebras, rings and boolean algebra.
- MATH. 312 LINEAR ALGEBRA. *Three credits*  
 Abstract systems. Vector spaces and linear transformations. Matrices and matrix operations. Applications of matrices to linear equations. Characteristic value problems and quadratic forms.
- MATH. 341 APPLIED MATHEMATICS. *Three credits*  
 Algebra and calculus of vectors with applications. Introduction to the partial differential equations of physics. Solutions via Fourier series.
- MATH. 351 THE TEACHING OF MATHEMATICS. *Three credits*  
 A discussion of current trends in secondary school mathematics courses. Methods of teaching algebra and geometry. Programs for advanced students. Programs for the slow learner.

MATH. 402    COMPLEX VARIABLES.    *Three credits*  
Continuity; differentiability; Cauchy-Riemann equations; analytic functions. Complex integration and Cauchy's theorem. Taylor's theorem. Taylor and Laurent series. Residue theory, conformal mapping, harmonic functions.

MATH. 403-404    PROBABILITY AND STATISTICS.    *Six credits*  
Probability. Distribution functions. Moments and moment generating functions. Regression and correlation. Sampling estimation. Testing of hypotheses. Design of experiments.

MATH. 413    NUMERICAL ANALYSIS.    *Three credits*  
An introduction to the fundamental processes of numerical analysis. Ordinary finite differences; central difference and divided differences; numerical solution of equations; numerical approximations to derivatives and integrals; numerical solutions to ordinary differential equations; matrices and simultaneous linear equations.  
*Prerequisite, or corequisite:* Differential equations.

MATH. 421    FUNDAMENTAL CONCEPTS OF GEOMETRY.    *Three credits*  
Foundations of geometry. Axiomatic geometry. Euclidian geometry. Projective geometry. Brief description of parabolic, hyperbolic and elliptical non-Euclidian geometries.

MATH. 451    SEMINAR.    *Two 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.

## DEPARTMENT OF MODERN LANGUAGES

*Area Requirements.* The basic requirement for the arts and business major is eight credits in a foreign language.

Students with no previous background in the language will begin with the Elementary Course.

Students who successfully completed at least two years of the language in high school are expected to begin with the Intermediate Course.

Students claiming and proving above-average ability in the language, and not choosing to learn a new language, may select advanced courses to fulfill the language requirement.

*Major Field Requirements.* A student may select a major field of study in either French or Spanish. Students wishing to do so, and at the same time qualifying for the 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 twenty-four semester hours in his major language, beyond the basic requirement of eight credits. A four-semester study of a second language is highly recommended.

*Theme.* This theme 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 will undergo a written comprehensive examination to test their overall grasp of the chosen literature. They will also take an oral examination to demonstrate their fluency in speaking the language. The Graduate Record Examination may replace the written comprehensive test, and the MLA FL Proficiency Test for Teachers and Advanced Students may replace both the written and the oral tests.

*Instruction.* Elementary and Intermediate courses require weekly laboratory work. (See information on the Western Communications Laboratory.)

All courses beyond the Intermediate level are conducted entirely in the foreign language.

## FRENCH

FREN. 105-106      ELEMENTARY FRENCH.      *Four credits*

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

FREN. 107-108      INTERMEDIATE FRENCH.      *Four credits*

The elements of basic French pursued more intensely and thoroughly.

FREN. 203-204      CONVERSATIONAL FRENCH.      *Four credits*

Discussion of topics in various fields: home, school, and social life; arts, sciences, government, etc. Drill on phonetics, intonation, rhythm, diction.

FREN. 301-302      FRENCH LITERATURE ORIGINS TO 1800.      *Six credits*

A study of the evolution of French literature from its beginnings up to 1800, with a brief introductory exposition of the origins of the French language. First semester: the Middle Ages and the Renaissance. Second semester: the Seventeenth and Eighteenth centuries.

- FREN. 303-304      FRENCH CIVILIZATION.      *Four credits*  
 The most characteristic movements in French history, government, art and science; considerations on French family, religious, educational and social life; geography of France, regional customs. French influence on the modern world.
- FREN. 307-308      MAJOR FRENCH WRITERS.      *Four credits*  
 A survey of major French literature from the Chanson de Roland to the novels of F. Mauriac. Intended for the non-French major.
- FREN. 311      THE ROMANTIC MOVEMENT: 1800-1850.      *Two credits*  
 The characteristics of French Romanticism, exemplified by Lamartine, Hugo, Vigny, Musset; Stendhal, Balzac; Sainte-Beuve. Pre-romanticism as seen especially in Chateaubriand.
- FREN. 312      FROM REALISM TO SYMBOLISM: 1850-1895      *Two credits*  
 The Parnassian Movement. Realism and naturalism in Flaubert, Zola, Maupassant, Becque. Literary criticism of Taine. Poetry of Baudelaire, Rimbaud, Verlaine, Mallarme.
- FREN. 403      FRENCH POETRY.      *Two credits*  
 A study of the content and form of French lyric poetry. Readings in texts from representative authors of various periods.  
*To be offered Fall 1964.*
- FREN. 404      FRENCH DRAMA.      *Two credits*  
 A survey of French dramatic production from its origins to the beginnings of the Twentieth Century, exclusive of Corneille, Racine, and Moliere.
- FREN. 405      THE FRENCH NOVEL.      *Two credits*  
 A survey of French novel writing from its origins to the beginnings of the Twentieth Century.
- FREN. 406      CATHOLIC LITERATURE.      *Two credits*  
 An appreciation of Catholic letters since 1884, particularly the works of Huysmans, Bloy, Peguy, Claudel, Bernanos, and F. Mauriac.
- FREN. 407-408      CONTEMPORARY LITERATURE.      *Four credits*  
 A study of French literature from 1895 to the present.  
*To be offered 1964-65*
- FREN. 411-412      FRENCH COMPOSITION.      *Six credits*  
 Stylistic analysis of various authors. Translation of literary texts, mainly from English to French. Free writing, but with emphasis on the method of French *dissertation*.  
*To be offered 1964-65*
- FREN. 421      SEMINAR.      *Two credits*  
 Intensive study of one movement, author, or literary characteristic. Seventh semester course.  
*Offered on an individual basis.*

## GERMAN

GERM. 105-106      ELEMENTARY GERMAN.      *Four credits*

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

GERM. 107-108      INTERMEDIATE GERMAN.      *Four credits*

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

GERM. 307-308      MAJOR GERMAN WRITERS.      *Four credits*

A study of major German literature from the Nibelungenlied to the works of Thomas Mann.

## ITALIAN

ITAL. 101-102      ELEMENTARY ITALIAN.      *Four credits*

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

ITAL. 103-104      INTERMEDIATE ITALIAN.      *Four credits*

Selected readings of Italian authors and conversation ability are stressed.

## RUSSIAN

RUSS. 105-106      ELEMENTARY RUSSIAN.      *Four credits*

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

## SPANISH

SPAN. 105-106      ELEMENTARY SPANISH.      *Four credits*

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

SPAN. 107-108      INTERMEDIATE SPANISH.      *Four credits*

Continuation of SPAN. 105-106.

SPAN. 201-202      ADVANCED SPANISH.      *Four 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. 203-204      CONVERSATIONAL SPANISH.      *Four credits*

Discussion of topics in various fields: home, school and social life; arts, science, government, etc. Drill on phonetics, intonation, rhythm, diction.

- SPAN. 303-304      HISPANIC CIVILIZATION.      *Four 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. 305-306      SPANISH LITERATURE: Origins to 1700.      *Four credits*  
 Medieval literature, the Renaissance, Golden Age.
- SPAN. 307-308      SPANISH LITERATURE: 1700 to 1898.      *Four credits*  
 Neo-classicism, Romanticism, Realism.
- SPAN. 309-310      CONTEMPORARY SPANISH LITERATURE.      *Four credits*  
 Generation of 1898 to the present time.
- SPAN. 403-404      CERVANTES.      *Four credits*  
 The life and writings of Cervantes with a detailed study of the *Quijote*.
- SPAN. 411-412      SPANISH AMERICAN LITERATURE.      *Four credits*  
 A survey of the major trends in the literature of Spanish America.
- SPAN. 421-422      ADVANCED CONVERSATIONAL SPANISH.      *Four credits*  
 Designed particularly for the Spanish majors, the topics of conversation will center around the culture, history and literature of the Hispanic world.
- SPAN. 423-424      SPANISH COMPOSITION.      *Four credits*  
 Designed particularly for the Spanish majors, this course offers intense written practice in Spanish on topics pertinent to the study of the Hispanic world.
- SPAN. 451      SEMINAR.      *Two credits*  
 To be taken in the seventh semester in conjunction with the preparation of the student's theme.

## DEPARTMENT OF PHILOSOPHY

*Area Requirements.* Liberal arts majors and science majors are required to take a minimum of 14 credits in philosophy. Included in any philosophy program must be the following courses: PHIL. 204, PHIL. 302, PHIL. 402. Students in the Teacher Education program may substitute EDUC. 361. Philosophy and History of Education for one of the elective courses offered by the department of philosophy.

- PHIL. 103-104      ORIENTATION TO PHILOSOPHY AND  
 EPISTEMOLOGICAL FOUNDATIONS.      *Four credits*  
 A brief historical survey of the development of philosophy will initiate the student into the problems of philosophy, its scope, origin, and meaning.
- PHIL. 204      PHILOSOPHY OF BEING.      *Two credits*  
 The study of being in general dealing with its categories, types, and relations. The problem of the one and the many. Essence and existence. Causality. The transcendentals.



- PHIL. 205 PROBLEMS OF METAPHYSICS. *Two credits*  
 A treatment of the basic metaphysical positions assumed by several philosophers in the light of the historical process.
- PHIL. 301 PHILOSOPHY OF NATURE. *Two credits*  
 The distinction between the scientific and philosophical study of nature. Properties and relations of spatio-temporal being. The meaning of law and theory. Conceptual schemes in science and philosophy.
- PHIL. 302 PHILOSOPHY OF MAN. *Two credits*  
 An investigation of the various approaches to a study of man. Evolution and life. Man considered in relation to other grades of life and of being. Theories of sense knowledge. Philosophical penetration into the meaning of intellect, will, and soul. Man as person.
- PHIL. 401 GOD AND PHILOSOPHY. *Two credits*  
 Mythological and philosophical approaches to God. Natural theology of the major Greek philosophers. Medieval thought; St. Anselm and St. Thomas. Some modern philosophers and God.
- PHIL. 402 MORAL PHILOSOPHY. *Two credits*  
 A study of the genesis and development of various ethical systems regarding man's normal behavior in relation to God, himself and society.
- PHIL. 411-412 HISTORY OF ANCIENT AND  
 MEDIEVAL PHILOSOPHY. *Four credits*  
 A study of the central themes and issues that formed the Western philosophic tradition from the pre-Socratics to the end of the Middle Ages. First term: Thales to the Beginning of the Christian era; second term: the Alexandrines to Duns Scotus.
- PHIL. 415-416 HISTORY OF MODERN PHILOSOPHY. *Four credits*  
 An analysis of fourteen ranking thinkers from the seventeenth through the twentieth centuries, and their contributions to the making of the modern mind. First term: Descartes to Hegel; second term: Comte to Dewey.
- PHIL. 417 PHILOSOPHY OF HISTORY. *Two credits*  
 An examination into the meaning, nature, function, and end of history as conceived during the major philosophical periods. Special consideration will be devoted to the role of Christian revelation in understanding history.
- PHIL. 418 AMERICAN PHILOSOPHY. *Two credits*  
 An investigation into the origin and significance of American philosophy and its relationship to European philosophy. Pragmatism seen as the philosophy of the American experience with particular concentration on the works of William James and John Dewey.
- PHIL. 424 NINETEENTH CENTURY SOCIAL THOUGHT. *Two credits*  
 An attempt to trace the development of nineteenth century social thought with particular emphasis on Hegel, Marx, Feuerbach, and Comte.

## DEPARTMENT OF PHYSICS

*Area Requirement.* There is no area requirement in Physics. However, PHYS. 201-202 may be used to satisfy the science area requirement.

*Major Field Requirement.* A student who chooses physics as a major field must complete a minimum of twenty-four credits in the department over and above PHYS. 201-202-203. This will normally include PHYS. 311, 312, 321-322, 323, 411-412 and 451.

A student must also take CHEM. 101-102 and MATH. 103-104, 201-202 and MATH. 301.

A comprehensive examination may be required.

A physics major is expected to undertake and complete a theoretical or experimental project. This should be selected in the junior year under the guidance of a faculty member and must be completed before graduation.

PHYS. 201-202    GENERAL PHYSICS.    *Six credits*

An introduction to the basic fields of physics covering an introduction to the basic concepts of mechanics, heat, sound, electricity and magnetism, optics and atomic physics. The mathematical approach is stressed.

*Prerequisite:* MATH. 103-104.

*Three hours lecture per week. Two semesters.*

PHYS. 203    GENERAL PHYSICS LABORATORY.    *Three credits*

This course should be taken concurrently with PHYS. 201-202 by students not majoring in Physics. Students majoring in Physics may postpone this course until later.

*Three hours lab per week. Two semesters.*

PHYS. 311    MECHANICS.    *Three credits*

A study of Newtonian mechanics and problems involving motion of a particle using vector algebra. Rigid body problems, gravitation and gravitational fields and selected problems from the mechanics of continuous media.

*Three hours lecture per week. One semester.*

PHYS. 312    PHYSICAL OPTICS.    *Three credits*

A brief review of geometrical optics and an introduction to the phenomena of physical optics. The major topics will be: mathematics of light waves, interference, Fraunhofer diffraction, velocity of light, optical spectra, dispersion, polarization and electromagnetic character of light.

*Three hours lecture per week. One semester.*

PHYS. 321-322    ELECTRICITY AND MAGNETISM.    *Six credits*

A study of electrostatics, dielectric theory, capacitance, electric current, AC-DC circuits, magnetic properties of matter, Maxwell's equations and electromagnetic waves.

*Three hours lecture per week. Two semesters.*

PHYS. 323     ELECTRICITY AND MAGNETISM LABORATORY.     *Three credits*  
*Three hours lab per week. Two semesters.*

PHYS. 411-412     ATOMIC PHYSICS.     *Six credits*

Introduction to electronic and nuclear structure of the atom; a discussion of the basic experiments in atomic physics; atomic spectra; introduction to quantum mechanics and the atomic physics of solid state.

*Prerequisites:* PHYS. 312, 321-322.

*Three hours lecture per week. Two semesters.*

PHYS. 422     MODERN PHYSICS.     *Two credits*

An introduction to the history and important experiments in modern physics: relativity theory, the Lorentz transformations and Einstein's law of gravitation and the photoelectric effect.

*Prerequisite:* PHYS. 411.

*Corequisite:* PHYS. 412.

*Two hours lecture per week. One semester.*

PHYS. 421     SOLID STATE PHYSICS.     *Two credits*

Description of crystal structure, diffraction of X-rays by crystals, elastic constants of crystals, free electron model of metals, band theory of solids, semi-conductor crystals, superconductivity, excitons, photoconductivity and luminescence.

*Two hours lecture per week. One semester.*

PHYS. 431     THERMODYNAMICS.     *Two credits*

An introduction to the laws of thermodynamics, heat transfer, entropy, with applications of thermodynamics to special systems.

*Two hours lecture per week. One semester.*

PHYS. 432     ELECTRONICS.     *Two credits*

An introductory course covering the fundamentals of electron tube operation and circuit design.

*Two hours lecture per week. One semester.*

PHYS. 442     X-RAY DIFFRACTION.     *Two credits*

An introduction to the methods of X-ray diffraction, the use of powder and laue cameras with applications to crystallography and chemistry.

*Prerequisite:* PHYS. 421.

*One hour lecture, two hours lab per week. One semester.*

PHYS. 443     OPTICS LABORATORY.     *Two credits*

A course designed to give students who have taken or who are taking

PHYS. 312 an opportunity to obtain first-hand experience with optical experimental equipment.

*Four hours lab per week. One semester.*

PHYS. 451     SEMINAR.     *No credit*

This is required of all physics majors. It consists of periodic meetings of the department to discuss mutual problems relating to projects undertaken by the students.



## SACRED DOCTRINE

The sequence in Sacred Doctrine has been arranged to give the student an acquaintance with the fullness of God's revelation. It seeks to aid in the development of the true Christian "who thinks, judges and acts constantly and consistently in accordance with right reason illumined by the supernatural light of the example and teaching of Christ" (Pius XI). The approach is a systematic, Biblical-theological one in which the student is guided progressively into the Mystery of Christ and is assisted in achieving a grasp of his faith which will be commensurate to his distinct vocation as a member of the Mystical Body of Christ.

The sequence in Sacred Doctrine is optional for non-Catholic students.

REL. 101      FUNDAMENTALS OF CATHOLIC BELIEF,  
                                WORSHIP AND PRACTICE.                                  *Two credits*

Existence of God. The Bible. God's plan for the salvation of mankind in His Son Jesus Christ. The Church, the Body of Christ. Worship and growth in the Divine Life. The Commandments of God.

REL. 105-106      SURVEY OF CHURCH HISTORY.                                  *Four credits*

Foundation of the Church and primitive Catholicism. The Church under Imperial protection. Conversion of Western Europe. Assaults on Christendom. The "Dark Ages" and the Revival of Learning. The Reformation. Liberalism. The Missions. The contemporary scene.

REL. 107      FUNDAMENTALS OF DOGMATIC THEOLOGY.                                  *Two credits*

This course is designed for students who already have an intelligent understanding of the basic dogmatic principles of the Catholic religion. A four year high school religion course is required. This course is aimed at giving future religion teachers a clear and comprehensive knowledge of the basic fundamental dogmas of the Catholic religion.

REL. 203      SACRED SCRIPTURE: THE OLD TESTAMENT.                                  *Three credits*

The Church and the Bible. Inspiration. Literary Forms. Spoken Word to Written Word. History of Salvation. The Pentateuch. From the Desert to the Promised Land. The Monarchy. The Babylonian Exile. The Maccabean Revolt. The Roman Period. The Prophets and Messianism. Wisdom Literature: The Psalter. Dead Sea Scrolls.

REL. 204      SACRED SCRIPTURE: THE NEW TESTAMENT.                                  *Three credits*

The Canon and Text of the New Testament. The Primitive Christian Community: Beliefs, Worship, and Organization. Acts of the Apostles. Kerygma and Didache. The Synoptic Problem. The Gospels: Historical and Christological Documents. Main Themes of the Gospels. The Paschal Mystery. The Risen Christ and the Liturgy. Saint Paul: Themes of the Pauline Epistles. The Apocalypse.

REL. 301 GOD: UNITY AND TRINITY. CREATION. *Three credits*

Theology, science and wisdom. Relation of Theology to Philosophy and the other sciences. Faith. Existence of God as shown by human reason. Revelation of God in Scripture. The attributes of God. The mystery of the Blessed Trinity. Creation. Theory of Evolution. State of Original Justice and Original Sin.

REL. 302 CHRIST: INCARNATION AND REDEMPTION. *Three credits*

Necessity of the Incarnation. Hypostatic Union in the Word of God. Passion, Resurrection and Redemption. The role of the Blessed Virgin. The Mystical Body — Christ extended in time and space. Encyclical *Mystici Corporis Christi*. Salvation of non-Catholics. The Sacramental system as an extension of the Incarnation. The Mystery of Christ and the Liturgy. Encyclical *Mediator Dei*.

REL. 401 CATHOLIC MORALITY. MARRIAGE. *Two credits*

The virtues. Exercise of Faith. Christian Hope. Special role of Charity. Prudence in authority and obedience. Christian temperance. Justice: social and distributive. Fortitude and dangers to spiritual and physical life. Marriage morals and family life. Related Papal Encyclicals will be used.

REL. 402 INTRODUCTION TO MARIOLGY. *Two credits*

Principles and sources. Mary in Scripture and Tradition. Doctrines: Mother of God, Immaculate Conception, Perpetual Virginity, Assumption. Mary and the Mystical Body of Christ. Marian cult. Liturgy and devotions.

## SCIENCE EDUCATION

SCI. 101-102 GEOLOGY. *Six credits*

A study of the earth, involving the processes which act within it and upon its surface to produce mineral deposits, rock structures, and features of the landscape. Field trips and laboratory work.

SCI. 103-104 INTRODUCTORY EARTH SCIENCE. *Six credits*

An integrated study of the phases of physiography, mineralogy, geology, geography, astronomy, and meteorology leading to a comprehension of the earth as the abode of man. Lectures, demonstrations, and field trips.

## SOCIAL SCIENCE

ANTH. 101-102 INTRODUCTION TO ANTHROPOLOGY. *Six credits*

*1st semester.* An introductory study of the culture concept: the social structure, artifacts, values, norms, and behavior patterns of western and non-western peoples. Some attention will be given to physical anthropology and archaeology.

*2nd semester.* A detailed study of personality in culture, culture change, and applied anthropology.

ECON. 103 PRICE THEORY AND THE MARKET. *Two credits*

The business organizations of the United States; the factors they assume and the ownership; the pricing system itself; the laws of supply and demand, and the theory of production. It treats also the various forms and degrees of competition.

ECON. 105 NATIONAL INCOME. *Two credits*

Government finance; the National Accounts; business cycles; the determination of national income and the various theories concerning investment and savings. Also the role of the national government as an economic stabilizer.

ECON. 201 INTRODUCTORY ECONOMIC GEOGRAPHY. *Three credits*

Man's utilization of the major economic resources of the world from the standpoint of geographic patterns. Primarily for students in Teacher Education.

ECON. 304 MONEY AND BANKING. *Three credits*

The nature of money and credit; the modern banking system; government finance, international exchange and the international institutions lately formed to meet international monetary needs.

SOC. 103-104 INTRODUCTION TO SOCIOLOGY. *Six credits*

*1st semester.* An introductory study of social organization, culture, socialization, social stratification, social change, world population, and human ecology.

*2nd semester.* An analysis of the application of these sociological concepts and phenomena in the areas of the family, minority groups, the city, political institutions, industrial institutions, and deviant behavior.

SOC. 201 EDUCATION SOCIOLOGY. *Three credits*

Deals with the data of the social sciences which are germane to the work of teachers. Implications of democratic ideology for educational endeavor, educational tasks imposed by changes in population and technological trends, the welfare status of pupils, the socio-economic attitudes of individuals who control the schools, and other elements of community background.

## **VIII. General Information**

### **REGISTRATION**

For the exact date of registration for both freshmen 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 \$2.00.

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.

### **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 program 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**

Prompt and regular attendance at all classes is required of all students. A student may be ineligible for a passing grade for the semester if he is absent from more than two periods in a two credit course, from more than three periods in a three credit course, and from more than four periods in a four credit course. The Dean of the college has the final authority in all problems arising from absence.

A student is held responsible for all assignments and for the entire content of the course no matter how long or what the reason for his absence may be. A lateness of ten minutes or more is considered an absence. Two latenesses of lesser duration are equal to one absence.

### **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. 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 usually 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**

Seniors, juniors, and sophomores will have as their adviser a faculty member 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 a measure of a student's mastery of a select 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 means insight into the meaning of these facts or data. This insight would include the meaning of the thing in 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 is like a judge in a courtroom. He examines all the evidence that is involved in the case carefully and sincerely, and makes his decision on the basis of this evidence. In a similar way, the basis of the instructor's

judgment is all the evidence the student provides him concerning his growth in the mastery of the course. Formal examinations are only part of the evidence; questions asked by the student, recitations, term papers, book reports, written and oral quizzes, the student's participation in class discussion—any and every kind of evidence which sheds light upon the student's development in mastering a subject is pertinent and may legitimately be used by the instructor in making his judgment.

In view of all that has been mentioned, the following is the grading system:

### **C**

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

### **B**

To earn a B grade a student should 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 perceives wider application of the principles. He can discuss the subject matter of the course with ease.

### **A**

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

### **D**

A student 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 small 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.

### **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 somewhat 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<sup>+</sup> he receives three and one-half times the number; for a B he receives three times the number; for a C<sup>+</sup> he receives two and one-half times the number; for a C he receives twice as many, for a D<sup>+</sup>, 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 and for graduation.

Without deviating from this general requirement, the College recognizes that a freshman may encounter difficulties in adjusting to college life and the 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 index of 2.0 to enter senior year.

## ACADEMIC HONORS

The Dean's List is a posting of the names of those who have excelled academically during the previous semester. The list has two categories of 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.

Three grades of honors are awarded to graduates based on their attainments in scholarship during the entire college course, namely:

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

*Magna Cum Laude*, or high honors, awarded to those having a scholarship index of 3.60 and no grade below C.

*Cum Laude*, or with honor, for those having a scholarship index of 3.00 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 must obtain permission to substitute an equivalent one.

## DISMISSAL

Dismissal is the extreme penalty imposed upon the student by the college authority. The college reserves the right to dismiss a student who is not taking full advantage of the opportunities offered him for his academic advancement. Students who fail to maintain the academic standards of Marist, or whose behaviour 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:* A student's academic record is reviewed each semester by the Faculty Academic Committee. The criteria used in determining a student's good standing are faculty reports and the student's academic performance as shown by his scholastic index.

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 the campus. Since residence accommodations are limited, students who wish to reserve rooms should apply to the Business Office as soon as possible. A deposit of thirty dollars, independent of the matriculation fee, must be paid with the application. Students supply their own blankets, soap, towels, and other personal items such as radios, etc.

The residence hall is closed during Thanksgiving, Christmas, and Easter holidays. Students may remain on campus during these periods only under extraordinary circumstances with the permission of the Director of Residence, and are obliged to pay extra fees.

A set of regulations detailing the obligations of resident students, absence from campus, of 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 in the business office or the college bookstore. 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 the successful completion of their studies; to help them formulate and achieve vocational goals; and to facilitate their overall personality development. Towards these ends the center provides testing programs geared to specific groups and to individual students. The usual procedure is for the test interpre-

tation to be done on an individual basis. The services of the Center are intended for the entire student body but referrals or appointments should be made through the secretary.

### **STUDENT HEALTH**

The college maintains a small infirmary on campus 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 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 part-time 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 Executive Secretary.

# IX. Academic Calendar

1963 — 1964

1963		FALL SEMESTER
September 11	Wednesday	Registration for juniors and seniors, evening division, 7 p.m. to 9 p.m.
September 12	Thursday	Registration for freshmen, sophomores and new students of the evening division, 7-9 p.m.
September 12	Thursday	Freshmen Orientation and Registration, 9 a.m. to 5 p.m.
September 13	Friday	Freshmen Orientation.
September 14	Saturday	Freshmen Orientation.
September 16	Monday	Classes begin.
September 23	Monday	Mass of the Holy Spirit.
September 28	Saturday	Last date for late registration, change of course, and for dropping a course and receiving full tuition refund.
October 25	Friday	Residents Retreat.
October 26	Saturday	Residents Retreat.
October 27	Sunday	Residents Retreat.
October 26	Saturday	Last date for dropping course without penalty of failure.
November 1	Friday	All Saints Day — Holiday.
November 2	Saturday	Last date for dropping a course and receive half tuition refund.
November 4	Monday	Mid-semester examinations.
November 27	Wednesday	Thanksgiving recess begins after last class.
December 2	Monday	Classes resume.
December 14	Saturday	Christmas recess begins after last class.
January 6	Monday	Classes resume.
January 20	Monday	Semester examinations begin.
January 29	Wednesday	Fall semester ends.
January 29	Wednesday	Registration for juniors and seniors, evening division, 7 p.m. to 9 p.m.
January 30	Thursday	Registration for freshmen, sophomores and new students of the evening division, 7-9 p.m.

**1964****SPRING SEMESTER**

February 3	Monday	Classes begin.
February 12	Wednesday	Ash Wednesday.
February 15	Saturday	Last date for late registration, change of course, and for dropping a course and receiving full tuition refund.
March 8	Sunday	Laetare Sunday. Junior Ring Ceremony.
March 14	Saturday	Last date for dropping course without penalty of failure.
March 16	Monday	Holiday.
March 17	Tuesday	St. Patrick's Day – Holiday. Last date for dropping a course and receiving half tuition refund.
March 18	Wednesday	Mid-semester examinations.
March 25	Wednesday	Easter recess begins after last class.
April 6	Monday	Classes resume.
May 7	Thursday	Ascension Thursday – Holiday.
May 25	Monday	Semester examinations begin.
June 3	Wednesday	Semester ends.
June 7	Sunday	Eighteenth Commencement.

**1964****SUMMER SESSION**

June 25	Thursday	Registration, day division, 9-12 noon.
June 26	Friday	Registration, evening division, 7-9 p.m.
July 1	Wednesday	Classes begin.
August 10-11	Monday Tuesday	Final examinations. Final examinations.

**1964****FALL SEMESTER**

September 21	Monday	Classes begin.
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# SCHOOL CALENDAR

1963		SEPTEMBER					1963		1963		OCTOBER					1963	
S	M	T	W	T	F	S	S	M	T	W	T	F	S				
1	2	3	4	5	6	7	6	7	8	9	10	11	12				
8	9	10	11	12	13	14	13	14	15	16	17	18	19				
15	16	17	18	19	20	21	20	21	22	23	24	25	26				
22	23	24	25	26	27	28	27	28	29	30	31						
29	30																

1963		NOVEMBER					1963		1963		DECEMBER					1963	
S	M	T	W	T	F	S	S	M	T	W	T	F	S				
					1	2	1	2	3	4	5	6	7				
3	4	5	6	7	8	9	8	9	10	11	12	13	14				
10	11	12	13	14	15	16	15	16	17	18	19	20	21				
17	18	19	20	21	22	23	22	23	24	25	26	27	28				
24	25	26	27	28	29	30	29	30	31								

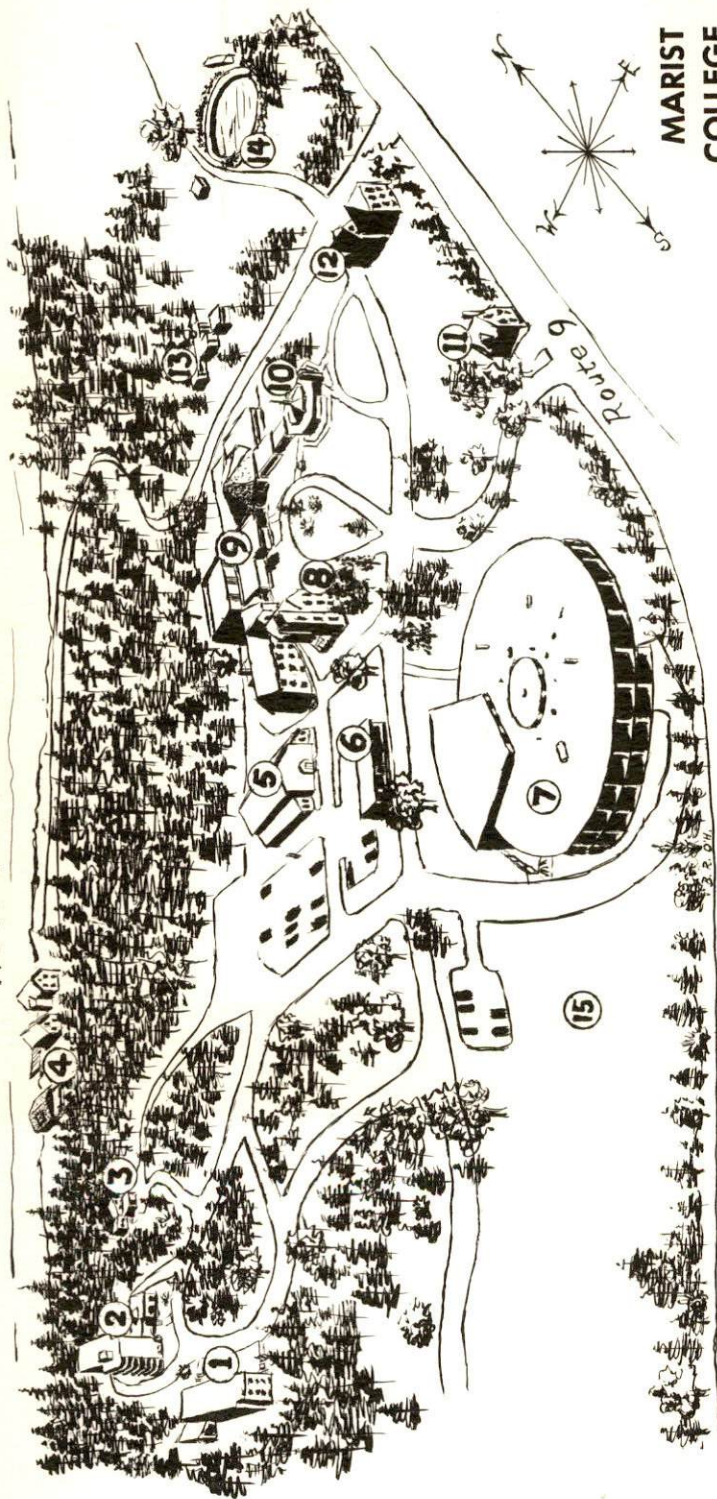
1964		JANUARY					1964		1964		FEBRUARY					1964	
S	M	T	W	T	F	S	S	M	T	W	T	F	S				
			1	2	3	4							1				
5	6	7	8	9	10	11	2	3	4	5	6	7	8				
12	13	14	15	16	17	18	9	10	11	12	13	14	15				
19	20	21	22	23	24	25	16	17	18	19	20	21	22				
26	27	28	29	30	31		23	24	25	26	27	28	29				

1964		MARCH					1964		1964		APRIL					1964	
S	M	T	W	T	F	S	S	M	T	W	T	F	S				
1	2	3	4	5	6	7				1	2	3	4				
8	9	10	11	12	13	14	5	6	7	8	9	10	11				
15	16	17	18	19	20	21	12	13	14	15	16	17	18				
22	23	24	25	26	27	28	19	20	21	22	23	24	25				
29	30	31					26	27	28	29	30						

1964		MAY					1964		1964		JUNE					1964	
S	M	T	W	T	F	S	S	M	T	W	T	F	S				
					1	2		1	2	3	4	5	6				
3	4	5	6	7	8	9	7	8	9	10	11	12	13				
10	11	12	13	14	15	16	14	15	16	17	18	19	20				
17	18	19	20	21	22	23	21	22	23	24	25	26	27				
24 <sub>/31</sub>	25	26	27	28	29	30	28	29	30								

1964		JULY					1964		1964		AUGUST					1964	
S	M	T	W	T	F	S	S	M	T	W	T	F	S				
			1	2	3	4							1				
5	6	7	8	9	10	11	2	3	4	5	6	7	8				
12	13	14	15	16	17	18	9	10	11	12	13	14	15				
19	20	21	22	23	24	25	16	17	18	19	20	21	22				
26	27	28	29	30	31		23 <sub>/30</sub>	24 <sub>/31</sub>	25	26	27	28	29				

Hudson River



# MARIST COLLEGE

POUGHKEEPSIE, NEW YORK

- 1. Sheahan Hall Dormitory
- 2. Leo Hall Dormitory
- 3. Chaplains' Residence
- 4. Boathouse
- 5. Gymnasium

- 6. Adrian Lounge
- 7. Donnelly Hall
- 8. Greystone
- 9. Fontaine Hall
- 10. Our Lady of Wisdom Chapel

- 11. Gatehouse — Faculty Residence
- 12. St. Peter's Faculty Residence
- 13. Proposed Faculty Residence
- 14. Swimming Pool
- 15. South Athletic Field

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