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Madonna College

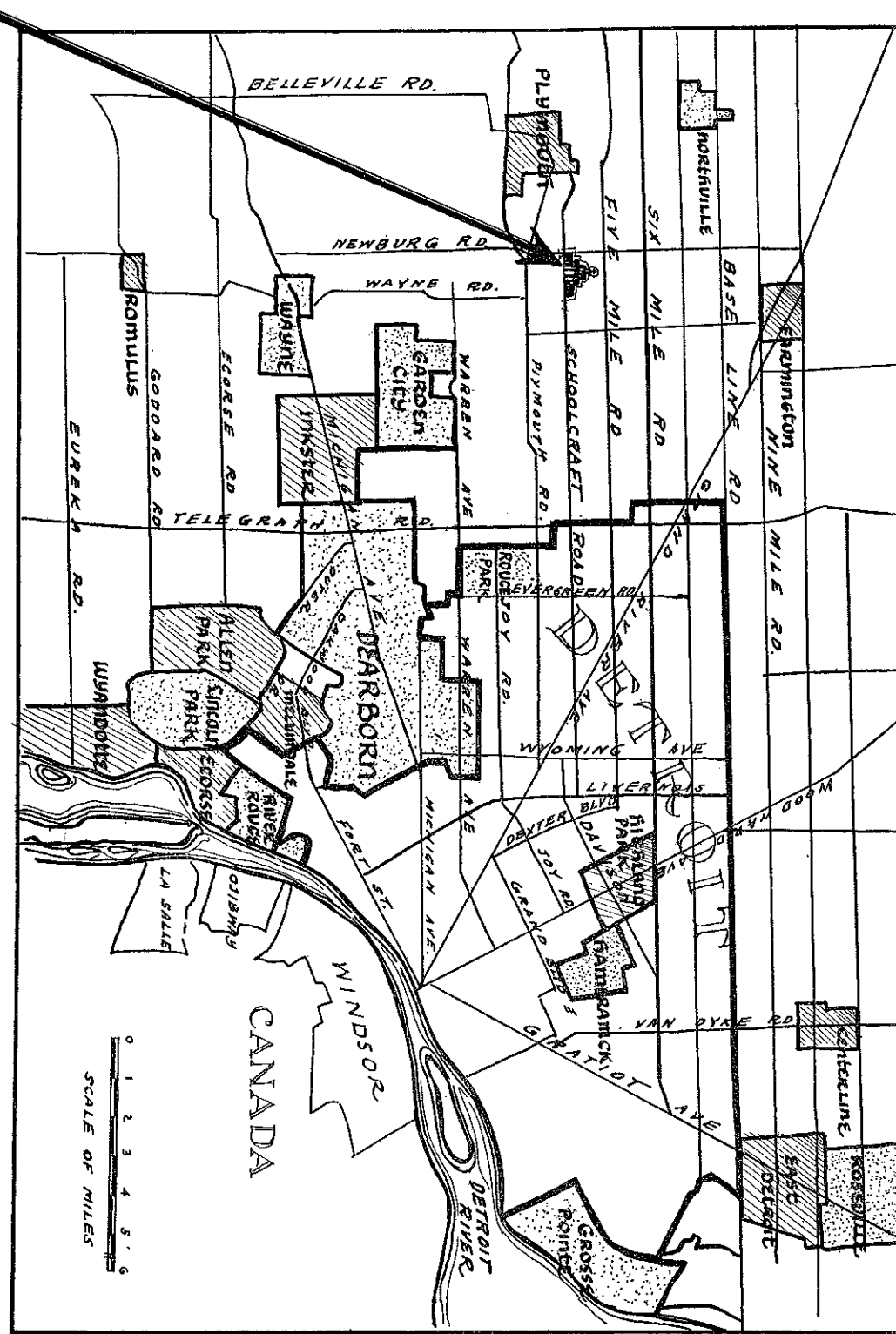


Bulletin

1957 - 1959

Livonia - Michigan

MADONNA
COLLEGE



MADONNA COLLEGE

A CATHOLIC COLLEGE FOR WOMEN

Conducted by

The Felician Sisters

Bulletin Vol. XV

1957-1959

LIVONIA, MICHIGAN

1957							1958														1959						
JULY							JANUARY							JULY							JANUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
7	8	9	10	11	12	13	5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10
14	15	16	17	18	19	20	12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17
21	22	23	24	25	26	27	19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24
28	29	30	31				26	27	28	29	30	31		27	28	29	30	31			25	26	27	28	29	30	31
AUGUST							FEBRUARY							AUGUST							FEBRUARY						
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18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	15	16	17	18	19	20	21
25	26	27	28	29	30	31	23	24	25	26	27	28		24	25	26	27	28	29	30	22	23	24	25	26	27	28
SEPTEMBER							MARCH							SEPTEMBER							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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29	30						30	31						29	30						29	30	31				
OCTOBER							APRIL							OCTOBER							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30
DECEMBER							JUNE							DECEMBER							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13	7	8	9	10	11	12	13
15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20	14	15	16	17	18	19	20
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29	30	31					29	30						28	29	30	31				28	29	30				

HIS EMINENCE

Edward Cardinal Mooney, D.D.

Archbishop of Detroit

HONORARY PATRON OF THE COLLEGE

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COLLEGE CALENDAR

1957-1958

Summer Session 1957

June 21 Registration
June 24 Mass of the Holy Ghost
June 24 Classes begin
August 1, 2 Examinations

First Semester

September 16, 17 Freshman Days
September 18 Registration
September 18 Mass of the Holy Ghost
September 19 Classes begin
November 1 Feast of All Saints
November 27, 28 Thanksgiving recess
December 8 Feast of the Immaculate Conception
December 20 Christmas recess begins—12:00 noon
January 6 Classes resume
January 21 Semester examinations begin
January 23 Registration

Second Semester

January 27 Classes begin
February 19, 20, 21 Student retreat
April 2 Easter recess begins—12:00 noon
April 14 Classes resume
May 15 Feast of the Ascension
May 26 Semester examinations begin
May 30 Memorial Day
June 1 Commencement exercises

Dates in this calendar are subject to change
whenever circumstances require such.

MADONNA COLLEGE
COLLEGE CALENDAR

1958-1959

Summer Session 1958

June 20 Registration
June 23 Mass of the Holy Ghost
June 23 Classes begin
July 31, August 1 Examinations

First Semester

September 15, 16 Freshman Days
September 17 Registration
September 17 Mass of the Holy Ghost
September 18 Classes begin
November 27, 28 Thanksgiving recess
December 8 Feast of the Immaculate Conception
December 19 Christmas recess begins—12:00 noon
January 5 Classes resume
January 23 Registration
January 27, 28, 29 Student retreat

Second Semester

February 2 Classes begin
March 25 Easter recess begins—12:00 noon
April 6 Classes resume
May 7 Feast of the Ascension
May 27 Semester examinations begin
June 1 Commencement exercises

Dates in this calendar are subject to change
whenever circumstances require such.

BOARD OF TRUSTEES

Mother Mary Annuncia	President
Sister Mary Frumentia	Vice-President
Sister Mary Aurelia	Secretary
Sister Mary Pachomia	Treasurer
Sister Mary Bonfilia	
Sister Mary Laudine	

OFFICERS OF ADMINISTRATION

Sister Mary Assumpta, M.S. Ed.	President
Sister Mary Raynela, Ph. D.	Dean
Sister Mary Remigia, M.A.	Registrar
Sister Mary Petronia, M.A., B.A.L.S.	Librarian
Sister Mary Lydia, M.S.L.S.	Dean of Students
Douglas Campbell, M.A.	Public Relations
O. Paul Rosbolt, M.D.	Consulting Physician
Sister Mary Auxilia, R.N., B.S.	Resident Nurse
Reverend Paul Zelaff, B.A.	Chaplain

STANDING COMMITTEES OF THE FACULTY

The President is, ex-officio, member of all committees

Committee on Admissions and Scholarships

The Registrar, the Dean, and a faculty member

Committee on Curriculum and Educational Policy

The Dean, the Registrar, and the Divisional Chairmen

Committee on Library

The Librarian, the Dean, and Divisional Chairmen

Committee on Student Affairs

Two Faculty Members and two Student Representatives

THE FACULTY**THE DIVISION OF THEOLOGY AND PHILOSOPHY****THEOLOGY**

Reverend James T. Shannon, S.T.D.
Reverend Joseph Rybinski, S.T.D.

PHILOSOPHY

Reverend James T. Shannon, S.T.D.
Reverend Francis Zdrodowski, M.A., S.T.D.

THE DIVISION OF THE HUMANITIES**ART**

Sister Mary Aloysius, M.F.A.
Sister Mary Angeline, Ph.D.
Sister Mary Joanna, M.F.A.

ENGLISH

Sister Mary Camille, M.A.
Sister Mary Damascene, M.A.
Sister Mary Raynelda, Ph.D.

JOURNALISM

Sister Mary Tullia, M.A.

LATIN

Sister Mary Raynelda, Ph.D.

FRENCH

Sister Mary Hugolina, Ph.D.

POLISH

Sister Mary Mechtilda, Ph.M.

SPANISH

Sister Mary Hugolina, Ph.D.

MUSIC

Sister Mary Pontia, M.Mus. Ed.
Sister Mary Paulette, M.M.

THE DIVISION OF NATURAL SCIENCE

BIOLOGY

Sister Mary Danutha, M.S.

CHEMISTRY

Sister Mary Joela, M.S.

MATHEMATICS AND PHYSICS

Sister Mary Virgilia, M.S.

Sister Mary Bonavita, M.S.

THE DIVISION OF SOCIAL SCIENCE

BUSINESS

Sister Mary Avila, M.A.

Sister Mary Chester, M.Ed.

HISTORY

Sister Mary Edigna, M.A.

Anthony L. Kar, Ph.D.

Sister Mary Petronia, M.A.

Sister Mary Sigmunda, M.A.

HOME ECONOMICS

Sister Mary Bridget, M.Ed.

Sister Mary Dosithea, M.A.

POLITICAL SCIENCE

Sister Mary Remigia, M.A.

SOCIOLOGY

Sister Mary Arcadia, M.S.S.W.

Sister Mary Christiana, M.A.

Amanda F. Janes, M.S.W.

THE DIVISION OF TEACHER EDUCATION

EDUCATION

Sister Mary Assumpta, M.S. Ed.

Sister Mary Bonfilia, M.A.

Sister Mary Lauriana, Ph.D.

Sister Mary Martina, Ph.D.

GENERAL INFORMATION

HISTORY

Madonna College is the outgrowth of the Seminary of the Felician Sisters, incorporated in 1882, under the laws of the State of Michigan, "to provide instruction for the young in several branches of learning which may qualify them for their future position in life."

The Seminary prepared prospective members for the teaching profession. In time, the high school division became a distinct unit and admitted other than future members only. The Seminary division continued to offer professional courses for elementary school teachers. In 1937 a curriculum, in complete conformity with the new Michigan Teacher Certification Code was organized, and in 1938 Presentation of the B. V. M. Junior College was incorporated. In 1943 it was authorized to recommend its graduates for State Limited Certificates. After ten years of existence as a Junior College, the institution has amended its articles of incorporation and operates as a four-year liberal arts college, granting collegiate degrees.

LOCATION

Madonna College is located on Schoolcraft and Newburg Roads, in Livonia, Michigan. It is twenty miles from the heart of the city of Detroit, and five miles from Plymouth.

RECOGNITION

Madonna College is a four-year college authorized by the Board of Education of the State of Michigan to confer degrees. It is accredited by the Michigan Commission on

College Accreditation and is affiliated with the Catholic University of America. The college is also a member of the National Catholic Educational Association, the Association of Catholic Colleges of Michigan, and Michigan College Association.

OBJECTIVES

Madonna Liberal Arts College has a double objective: to provide a liberal education in the truest sense of the term, and to integrate that training with Catholic principles. In other words, Madonna College strives to form young women according to a philosophy of Catholic life which is to permeate not only the individual but also through her must radiate upon the society of which she becomes a member or the group to which she will minister.

This purpose is in keeping with the pronouncement made by Pope Pius XI in his encyclical on CHRISTIAN EDUCATION when he said, "Christian education takes in the whole aggregate of human life, physical and spiritual, intellectual and moral, individual, domestic and social, not with a view of reducing it in any way, but in order to elevate, regulate, and perfect it, in accordance with the example and teaching of Christ."

Through the medium of its curricula the college endeavors:

1. To assist the student directly by courses in Theology and Philosophy, and indirectly by other courses, to form Catholic attitudes and convictions which will manifest themselves in self-mastery in her relationships with fellowmen, and in her duties toward God.
2. To awaken intellectual curiosity and to form habits of logical analysis and of critical reflection through the knowledge of language, science, and history.

3. To inspire the student with a new appreciation of beauty, through an acquaintance with literature and fine arts.
4. To safeguard the health of its students by health service and education, and by training for wholesome recreation.
5. To foster, in particular, simplicity, joy, peace, and love of neighbor, which are strong factors in the formation of young women with a Mary-like awareness of, and a willingness to minister to, the physical and spiritual needs of neighbor.
6. To develop those mental and spiritual qualities which will prepare them to assume the growing responsibilities in our democracy.
7. To give such proficiency in certain fields of knowledge as to enable the students to engage in a lifework in which they can make the most of their particular abilities.

BUILDINGS

The Liberal Arts Building, in a Lombardian style of architecture, is fireproof, well heated and well lighted. It includes a college chapel, administrative offices, a large assembly hall, science laboratories, curriculum laboratory, library, lecture and recitation rooms, cafeteria, art and music studios, and a book store. The spacious building provides the student with the comforts of home and an atmosphere conducive to study.

The college chapel, with a seating capacity of 400, is reached through the main entrance on the axis of approach from Schoolcraft Road.

Angela Hall provides comfortable housing for Madonna College resident students.

The Reading Clinic is located in Loretto Hall. It provides diagnostic and remedial services for the children of the community and for Madonna College students who desire greater efficiency in reading. It is scientifically equipped with such modern instruments as: ophthalmograph, telebinocular, tachistoscopes, speedioscopes, and reading rate-accelerators.

The campus of approximately 320 acres with its gardens and shady walks creates an atmosphere of calm beauty. The wooded areas supply rich biological specimens and offer ample space for summer and winter recreation.

EDUCATIONAL FACILITIES

The college library accommodates the student body and offers exceptional facilities to faculty members. The open shelving gives the student free access to practically all of the library holdings, standard works of general and special reference, current and bound periodicals, newspapers, and circulating books which in all number over 29,000 volumes.

The Curriculum Library, containing over 1,000 textbooks, and other materials used in the elementary and secondary schools, functions as a part of the college education program. It provides practical experience needed to parallel the student's classroom training in theories and principles.

The latest laboratory equipment affords opportunity for expert demonstration and individual work in the study of chemistry, physics, and biology. Various kinds of

projection apparatus for slides, film strips, and films are utilized as teaching aids.

The business department is adequately equipped for training in modern office practice.

STUDENT LIFE

Madonna College aims to encourage the formation of Catholic habits of thought and life. Provision is made for the students' frequent attendance at Mass and the reception of the Sacraments. Daily Exposition of the Blessed Sacrament provides an unusual opportunity for the deepening of eucharistic life. The annual three-day retreat as well as the courses in theology and philosophy provide further helps for growth in Christian living.

Participation in the regular and special programs of the Sodality of the Blessed Virgin Mary, affiliated with the Roman **Prima Primaria**, and the instruction of Catechism classes widen the interest and activity of the students in the Catholic apostolate.

To afford opportunity for the development of initiative and leadership, student organizations are encouraged. All students who register at Madonna College are members of the Student Association. The governing power of this association is vested in the Executive Council, composed of the student officers of this organization — the president, vice-president, secretary, and treasurer; the presidents of the four classes, and the presidents of the approved campus clubs and organizations such as Sodality, Literary Club, International Relations Club, Press Club, and Library Club. The purpose of the Executive Council is to supervise and coordinate campus activities and organizations, and to act as the official representative of the student body in affairs affecting the students'

interests. Membership of the Student Association in the national and regional units of the National Federation of Catholic College Students is conducive also to the development of a sense of social responsibility.

Student publications, **The Madonna Herald**, monthly campus newspaper, and **The Lanterne**, senior yearbook, portray the spirit and achievements of the College and provide creative outlets for students interested in writing and editing.

The College Chorus in addition to providing music for special religious and social activities throughout the year, contributes to the refinement of individual tastes and judgments.

Varied social activities are arranged such as formal and informal dances, teas, picnics, buffet-suppers, etc., through which that poise and charm which are necessary in any society may be acquired.

ACADEMIC ADMINISTRATION

ADMISSION OF STUDENTS

Admission to the Freshman Class

The admissions program involves the following procedures with which prospective students must be familiar:

1. A formal application for admission in the student's own handwriting should be submitted to the registrar as far in advance of the proposed entrance date as possible, even before high school graduation. Application blanks may be obtained either upon written request or personal call, at the registrar's office.

2. An official transcript of the applicant's high school credits and record, on a form supplied by the col-

lege, should be sent directly from the principal to the registrar's office.

3. A student will be notified if her application has been accepted, and such notification of acceptance means enrollment of a student.

Entrance Requirements

Graduates of a four-year accredited high school will be admitted to the college upon the presentation of at least fifteen credits of high school work. Among these must be included two major sequences of three or more units each and two minor sequences of two units each. The major and minor sequences must be chosen from the following subjects: English, Mathematics, Foreign Language, Science, Social Science. The general average of C or better is required where C is the grade above the lowest passing grade, and a relative standing in the graduating class above the lowest third.

Applicants whose high school records are of high quality may be granted exceptions to the prescribed pattern of units required for admission.

Applicants from non-accredited high schools may be admitted provisionally for one semester on the basis of their high school record.

Students graduating from Michigan secondary schools which participate in the Secondary School-College Agreement may be admitted in accordance with the terms of the Agreement.

Applicants who are unable to meet the entrance requirements stated above but who give evidence that they are capable of college work may be admitted by examination.

Unclassified Students

Students who desire to follow certain courses in the College and are not candidates for a degree may be admitted as special students.

Advanced Standing

A student who applies for advanced standing must present an official transcript of her college record with a statement of honorable dismissal. Credits will not be accepted by transfer unless in quality they are of a grade above the mere passing grade and unless they fit in with any of the curricula of Madonna College. High school record must also be presented.

REGISTRATION

All students must register on the days specified in the college calendar. For late registration a fee of \$5.00 will be charged. No one may register for a course after the second week of the semester. Necessary changes in courses may be made through the registrar's office with the consent of the Dean and the instructor concerned. Course changes include the dropping of a course. The student who drops a course without securing the consent of the Dean will automatically fail the course.

FRESHMAN DAYS

Freshmen report earlier than upperclass students in order to take part in an orientation program known as Freshman Days. During this period a series of tests to be used as a basis for effective counseling is administered to the Freshmen. Lectures are given by the Dean and faculty members regarding the history, policies of the college, the use of the library, study habits, social usage,

student activities program, etc. These orientation lectures are continued throughout the first semester on a non-credit basis. New students with advanced standing are invited and urged to participate.

CLASSIFICATION OF STUDENTS

Freshmen: Students admitted to the college with all the required high school credentials.

Sophomores: Those who have earned 26 credits and 52 honor points.

Juniors: Those who have earned 60 credits and 120 honor points.

Seniors: Those who have earned 90 credits and 180 honor points.

STUDENT LOAD

The normal amount of work to be carried in one semester by a student is sixteen hours per week. Eighteen hours will be permitted when the schedule cannot be made with less. The consent of the Dean is necessary to carry more.

COURSES OF INSTRUCTION

Courses with numbers from 1-99 are lower division courses, intended primarily for freshmen and sophomores; courses with numbers from 100-199 are upper division courses, intended primarily for juniors and seniors. When permission is obtained, students may elect courses outside the range of their class numbers.

The College may withdraw any course listed for which registration is insufficient or may substitute another course for the one withdrawn.

ATTENDANCE

Regular class and laboratory attendance is expected of all students. The administration does not recognize a so-called "officially excused" absence. Students absent for any reason whatsoever must give an explanation of absence to their instructors and are responsible to them for work lost through late registration, illness or any other cause.

A student who misses an examination because of an extraordinary occurrence may, within the discretion of the Dean, be permitted to request a special test for which a fee of \$1.00 will be charged, payable at the time of the test.

GRADING SYSTEM

Each course receives a grade which represents the results of class work and examinations. Grades are indicated by letters, to each of which is given a certain value in honor points. The letters and their significance and honor points are as follows:

Grade	Significance	Honor Points
A	Excellent	4
B	Good	3
C	Average	2
D	Poor, but Passing	1
I	Incomplete	
F	Failed	
X	Absent from Examinations	
W	Withdrew	
WP	Withdrew Passing	
WF	Withdrew Failing	

An F grade indicates failure. If the subject is a prescribed course for a degree, the student must repeat the entire course.

An I indicates that the assigned work for the course has been partially omitted by the student for some serious reason. This work may be made up within two weeks after the regular semester examination or within a time appointed by the instructor.

An X indicates that the student was absent from the regular examination.

A grade of I or X automatically becomes an F if not removed within the time-limit specified.

If a student withdraws from a course with permission within the first six weeks of the semester, a record of W will be entered. The student who withdraws with permission after the first six weeks will receive a WP or WF according to the instructor's opinion of her work at the time of withdrawal. Withdrawal without the Dean's permission will be recorded as F.

Scholarship honors awarded at graduation are **Cum Laude**, **Magna Cum Laude**, and **Summa Cum Laude**. **Cum Laude** is awarded to those who maintain a quality point average of 3.25; **Magna Cum Laude** to those who maintain an average of 3.5; and **Summa Cum Laude** to those who maintain an average of 3.75. These honors are inscribed on the diplomas.

EXAMINATIONS

A final examination is given in every course during the last week of each semester. Tests are also given at mid-term. The student, parents or guardian receive a report of the academic grades shortly after the semester examinations.

DEGREE REQUIREMENTS

The college offers a four-year course in the liberal arts and sciences leading to the degrees of Bachelor of Arts and Bachelor of Science. The degree of Bachelor of Science is granted to those whose major sequence is in Business, Home Economics, or Medical Technology.

The bachelor's degree is conferred upon students who have successfully completed all the required work, as outlined in the curriculum, and enough electives to make a minimum total of 128 semester hours, with at least twice the number of honor points. This total shall include at least 12 semester hours in one foreign language. If two or more units of one foreign language are presented for entrance credit, the language requirement may be fulfilled by continuing the study of this same language for one year in college. The candidate must also take a comprehensive examination in the major field in the second semester of the senior year.

BASIC REQUIREMENTS FOR
BACHELOR'S DEGREE

DIVISION I	THEOLOGY AND PHILOSOPHY	
	Theology....Catholic full-time students throughout the four years	
	Philosophy.....	12 semester hours
DIVISION II	THE HUMANITIES	
	English.....	12 semester hours
	Speech.....	2 semester hours
	*Foreign Languages	12 semester hours
DIVISION III	NATURAL SCIENCE	
	Math. or Science	6-8 semester hours
DIVISION IV	SOCIAL SCIENCE	
	History.....	6 semester hours
	Other.....	6 semester hours

*Students whose major is in business, home economics or medical technology are exempted from the language requirement.

These prescribed basic courses should be completed, as far as possible, in the first two years of college. The electives may be elected from the courses regularly offered by the college, subject to the following.

1. No more than 40 semester hours may be taken in one subject.
2. At least two-thirds of the work beyond the second year must be in courses not open to first-year students.
3. Education courses may not be taken before the junior year.
4. The candidate for the bachelor's degree must complete a major of at least 24 semester hours, except in Biology and Chemistry which require a minimum of 30 semester hours, and a minor of at least 15 semester hours in a field related to her major. The choice of major and minor subjects should be made before the end of the sophomore year. Students who transfer from other institutions take at least six hours in the major subject in this college. Majors will be offered in Art, Biology, Business, Chemistry, English, History, Home Economics, Mathematics, Medical Technology, Music, Science, Social Studies, and Sociology. Minors are offered in the above and in Education, French, Journalism, Latin, Polish, Social Science, and Spanish.

SCHOLARSHIPS

Scholarships are awarded annually by the College, usually on a competitive basis. Awards are made according to the results of a scholarship examination, personal character, and the recommendation of the applicant's high school. A student whose record and conduct are considered satisfactory is eligible for re-appointment the following year. Application for the renewal of a scholarship must be filed in the president's office on or before

the first of May. The College reserves the right to declare forfeit the scholarship of any student who fails to maintain an academic interest and a satisfactory standard of scholarship and conduct. The acceptance of a scholarship implies that the student will complete her course work at Madonna College. If she transfers to another college before graduation she must refund the amount of the scholarship.

The Mother Mary Angela Scholarships. Founded in honor of the foundress of the Felician Sisters. Open to graduates of the academies and high schools conducted by the Felician Sisters.

The Mother Mary De Sales Scholarship. Four one-year tuition scholarships awarded annually by the College to outstanding high school seniors.

The Madonna Alumnae Scholarship. A one-year full tuition scholarship founded by the Madonna College Alumnae Association.

The Sister Mary Annunciata Memorial Scholarship. A one-year tuition scholarship founded by the Felician Academy. Open to a graduate of the Felician Academy, Detroit.

The Detroit Edison Company Scholarship. A scholarship for \$250 is available to an entering freshman who lives in the area served by that Company.

STUDENT AID

To a limited number of qualified students who expect to be graduated from Madonna College, an opportunity is offered to earn part of their yearly expenses by their services in the offices, library, dining room, book store.

DIVISIONAL ORGANIZATION

THE DIVISION OF THEOLOGY AND PHILOSOPHY

Theology, Philosophy

THE DIVISION OF THE HUMANITIES

Art, English, Foreign Languages, Journalism, Music, Speech

THE DIVISION OF NATURAL SCIENCE

Biology, Chemistry, Mathematics, Medical Technology, Physics, Physical Education.

THE DIVISION OF SOCIAL SCIENCE

Business, Economics, Geography, History, Home Economics, Political Science, Sociology

THE DIVISION OF TEACHER EDUCATION

Education

THE DIVISION OF THEOLOGY AND PHILOSOPHY

The courses in Theology and Philosophy aim at the development of intellectual maturity and the training in right evaluations. The primary purpose is to cultivate in the student the habit of Christian thinking, i.e. of arriving at conclusions concerning God and His creatures through principles of reason and faith. This science of seeing the world through the eyes of God, which is true wisdom, will be the principle of integration for her own life and knowledge, and the source of her ability to guide and enlighten others.

THEOLOGY

31, 32. The Architect of the Universe 2 s. h. each

The First Part of the **Summa Theologica** of St. Thomas. The study of God in Himself and as Creator. The consideration of the existence, nature, and attributes of God by the use of reason alone, and under the light of Divine Revelation. Then the distinction of Persons, Creation, origin of evil, Angels, Man, and the Government of the World.

53, 54. The Pursuit of Happiness 2 s. h. each

The first section of the Second Part of the **Summa Theologica**. The study of God as the final destiny of man. The ultimate end of man and the means to that end: human acts and their moral implications; the passions; the intrinsic principles of human acts, habits both good and bad; the extrinsic principles, law and grace.

109, 110. The Fullness of Life 2 s. h. each

The second section of the Second Part of the **Summa Theologica**. The further study of God as the final destiny of man. The consideration of the individual acts whereby man succeeds or fails in seeking his destiny: first those acts which pertain to all conditions of life, the Theological and Cardinal Virtues and their opposed vices; then those which pertain in a special manner to particular conditions of life, charismatic gifts, the active and contemplative life, and various offices and conditions.

141, 142. The Way of Life 2 s. h. each

The Third Part and the Supplement of the **Summa Theologica**. The study of the work of God Incarnate

Who is, literally, the WAY OF LIFE. The meaning of the Incarnation and Redemption; the Blessed Virgin; the continuation of the work of Redemption in the Sacraments; and the end of the Way in either Heaven or Hell.

PHILOSOPHY

41. Introduction to Philosophy 3 s. h.

The nature of Philosophy and its problems; answers to these problems in the form of a survey of the history of Philosophy; and acquaintance with the working tools of the philosophic movement.

71. Logic 3 s. h.

The science of the principles, laws and methods of correct thinking.

101. Epistemology 3 s. h.

The critical evaluation of the nature, validity, and extent of human knowledge.

104. Ontology 3 s. h.

The Science of Being as the fundamental intelligible. The systematic and critical investigation of existence as such in an effort to determine why and how things exist.

107. General Psychology 3 s. h.

The nature of psychology; relation of organic to intellectual life; general laws of mental life; characteristics of sense activities and mental processes; mental development.
Offered as needed.

132. Theodicy**2 s. h.**

The study of the existence, the essence, and the attributes of God in the light of reason. **Not open to those who have taken Theology 31.**

Offered on request.

137. General Ethics**3 s. h.**

Character and scope of ethics; moral conduct; nature and origin of society and civil authority; leading ethical problems. **Not open to those who have taken Theology 53, 54.**

Offered as needed.

138. Special Ethics**3 s. h.**

Application of general ethical principles to particular and special rights and obligations.

Offered as needed.

THE DIVISION OF THE HUMANITIES

The Division of Humanities, in accordance with the objectives of the College, aims to deepen the knowledge of artistic heritage by the study of the cultural achievements of masters of all nations and times, to develop an aesthetic sensitivity to music and the fine arts as well as to literature, to develop the power of communication, of critical appraisal and judgment, and to awaken intellectual curiosity.

ENGLISH

Major: 24 hours exclusive of 1, 2 and including 31, 32, 103, 104, 113, 123, 151, 152.

Minor: 18 hours—6 hours in upper division courses.

Remedial Work: Certain sections of English 1 meet five hours per week for three hours' credit to meet the needs of students who rank low in the English placement test.

- 1, 2. Rhetoric and Composition** 3 s. h. each
A course emphasizing the working principles of written expression. A study and writing of expository, descriptive, and narrative forms; of preparing a term paper.
- 1 fs, 2 fs English for Foreign students** 3 s. h. each
Offered as needed.
- 31, 32. Survey of English Literature** 3 s. h. each
A consecutive study of epochs, schools, and major writers of England from the Anglo-Saxon period to the present day.
- 51. Children's Literature** 3 s. h.
An approach to children's literature through consideration of the needs and tastes of children; methods of presenting literature to children.
- 101, 102. Survey of American Literature** 3 s. h. each
A consecutive study of the movements and the major writers of America from the colonial period to the present day.
- 103, 104. Directed Reading** 2 s. h. each
A required course for English majors of junior standing. A study of literary principles and their application to selected masterpieces of American and English literature. Reading, discussion, and evaluation of short story, novel, biography and essay, the first semester; poetry and drama, the second semester.
- 105, 106. Advanced Writing** 2 s. h. each
A course designed for those who desire additional training in techniques of effective writing, informative and literary, coordinated with critical reading

of selected works. Highly recommended for English majors and prospective teachers.

113. Medieval Literature 3 s. h.

A study of the literature of the Middle Ages with special emphasis on Chaucer as the chief exponent of the fourteenth century life and literature with reading of his minor poems and selections from **Canterbury Tales**.

Offered in 1958-1959.

123. Drama — Shakespeare 3 s. h.

A general survey of the origin and development of English drama with a critical investigation of Shakespeare's dramatic qualities in a few of his representative plays.

151, 152. Senior Seminar 2 s. h. each

A required course for the English major in which an attempt will be made to coordinate the works of a single author with his period and his special genre and also to coordinate and organize the information acquired in various courses in the English and American literature. A course designed to help the student to rise from consideration of details to a contemplation of the general truth by which these details exist.

153. Methods in English 2 s. h.

(See Education 153.)

Offered in 1957-1958.

163. Romantic Period 2 s. h.

A study of the principal works of the Romantic poets from Thomson to Byron; prose writers, Lamb, Hazlitt, and De Quincey.

164. Victorian Literature 2 or 3 s. h.

A study of the major poets and prose writers and

their reflection of and influence on the thought and spirit of their time.

167. Contemporary Poetry **2 or 3 s. h.**

Reading from contemporary representative British and American poets. Some attention to their poetic theories is given.

Offered in 1957-1958.

173. A Study of the Novel **3 s. h.**

The history and technique of the novel; reading of selected novels.

Offered in 1958-1959.

181. Honors Course in English **Credit to be arranged**

Seniors approved by the Department may do independent work in research.

JOURNALISM

Minor: 15 hours and must include 51, 52, 101.

1. Introduction to Journalism **2 s. h.**

A study of the nature, function, and basic practices of journalism.

51. Newspaper Reporting **3 s. h.**

News values, news sources, structure of the news story. Practical training in gathering and writing typical news reports. Two hours of lecture, two hours of laboratory per week.

52. Editing and Copyreading **3 s. h.**

Principles of editing, headline writing, page make-up. Basic study of type faces; fundamental knowledge of legal restrictions on the press. Practical application of principles in laboratory period. Two hours of lecture, two hours of laboratory per week.

64. Advanced Reporting 2 s. h.

Writing interpretative news reports with research in background sources.

101. Feature Writing 2-3 s. h.

Writing of newspaper features and non-fiction articles for magazines. Study of feature markets.

112. Editorial and Critical Writing 2-3 s. h.

Nature, function and structure of the editorial and critical review. Intellectual versus emotional appeal. Objectivity of value judgments. Directed writing.

120. History of Journalism 2 s. h.

Historical development of the press and of journalistic techniques. A survey of American newspapers and newspapermen. Current trends in journalism as an outgrowth of the past. Historical relations between the press and the government. Offered in 1957-1958.

140. Advertising 2 s. h.

A basic study of the principles and techniques of newspress advertising. Economic, psychological, and moral aspects of advertising. Copywriting and layout practice. Directed production of advertisements. Offered in 1958-1959.

SPEECH**1. Fundamentals of Speech 2 s. h.**

A review of speech fundamentals with intensive drill for the development of vocal and physical response.

31 fs, 32 fs. Speech for Foreign Students 3 s. h. each

Offered as needed.

51. Parliamentary Practice 1 s. h.

A rapid survey of parliamentary practice; motions, their uses and their precedence; the organization of assemblies, committees, constitutions.

111. Introduction of Phonetics 2 s. h.

A study of the production of speech sounds and the methods of correcting dialect and foreign accent. Offered in 1957-1958.

LATIN

Minor: 15 hours exclusive of 1, 2.

1, 2. Elementary Latin 3 s. h. each

A course designed for students who have had no Latin in high school; elements of Latin grammar; easy reading and translation; reading selections from Gallic Wars. Offered on request.

3. Cicero and Composition 3 s. h.

Selected orations: In **Catilinam**, **Pro Lege Manila**, **In Verrem**; special uses of cases and moods; practice in composition. Prerequisites: two units of Latin. Offered as needed.

4. Vergil 3 s. h.

Selections from **Aeneid**, Book 1 to 6; syntax of Latin poetry; metrical reading. Prerequisite: three units of Latin. Offered as needed.

11, 12. Latin Writing 2 s. h. each

Exercises in Latin prose composition with Bradley and Arnold text or equivalent.

101. Letters of Cicero and Pliny 3 s. h.

A reading of selected letters. A comparison of Cicero and Pliny in the development of epistolary art. Collateral reading and reports on the letter as a form of literature in English.

123. Roman Satire 3 s. h.

Selections from Horace, Juvenal, Persius, and Martial. The origin, development and nature of Roman satire. The relative place of the authors studied in the field of satire, literary style, their fundamental differences and common characteristics in style and content.

Offered in 1958-1959.

FRENCH

Minor: 15 hours exclusive of 1, 2.

1, 2. Elementary French 3 s. h. each

Fundamentals of French syntax and grammar; pronunciation; oral and written exercises; intensive reading of French texts.

23, 24. Intermediate French 3 s. h. each

Review of grammatical principles; simple composition; reading from the works of standard French authors with emphasis on fluency and accuracy both in comprehension and in reproduction.

103. French Civilization 3 s. h.

A survey of the important phases of French life, history, government, art, music, and science through the centuries in their relation to French literature.

Prerequisite: French 24.

Offered in 1957-1958.

107, 108. Survey of French Literature 3 s. h. each

From the beginning to modern times. Intensive study of the main currents in the development of French literature as exemplified in the dominant literary genres of each period. Extensive reading adapted as far as possible to the interests and needs of the individual student. Prerequisite: French 24. Offered in 1958-1959.

POLISH

Minor: 15 hours exclusive of 1, 2.

1, 2. Elementary Polish 3 s. h. each

Fundamentals of Polish language, phonetic structure, grammar and syntax; with emphasis on oral and written usage of the language; reading of simple prose.

Offered on request.

23, 24. Intermediate Polish 3 s. h. each

Review and further study of grammar and syntax; composition and conversation; reading of selected works from modern Polish writers.

Offered as needed.

101. Types of Literature 3 s. h.

Representative works of Polish narrative and lyric poetry from the thirteenth to the twentieth centuries.

Offered in 1957-1958.

102. Types of Literature 3 s. h.

Representative works of Polish dramatists and prose fiction writers from the sixteenth to the twen-

tieth centuries.

Offered in 1957-1958.

103, 104. Polish Civilization 3 s. h. each

A study of important phases of the geographical, historical, social, and religious background of Poland with emphasis on the cultural and scientific contributions to the Western world culture.

Offered in 1958-1959.

SPANISH

Minor: 15 hours exclusive of 1, 2

1, 2. Elementary Spanish 3 s. h. each

Fundamentals of Spanish grammar; oral and written exercises; correct pronunciation in reading and speaking Spanish.

23, 24. Intermediate Spanish 3 s. h. each

Systematic review and further study of grammar and of the more usual idiomatic expressions. Conversation based on readings from Spanish and Latin American authors.

103. Hispanic Civilization 3 s. h.

Readings in Spanish on important aspects of the historical, social, religious, and cultural development of Spain and of Spanish America as a basis for conversation. Prerequisite: Spanish 24.

Offered in 1957-1958.

107, 108. Survey of Spanish Literature 3 s. h. each

Main currents in the development of Spanish literature from its beginning to the present day. Readings and discussions of selected works representative of the various periods. Prerequisite: Spanish 24.

Offered as needed.

ART

Major: 30 hours including 3 or 8, 25, 47 or 108, 128, 151, 152.

Minor: 15 hours including 3 or 8, 47 or 108, 151, 152.

3. Drawing**2 s. h.**

Development of the structural art elements: line, dark and light, color. A course for those intending to take further art work.

Offered in 1958-1959.

8. Drawing and Composition**2 s. h.**

Study of contour, form, light and shade, and modeled surface, using objects and living models; practice in various media, with emphasis on composition and color harmony.

Offered in 1957-1958.

25. Design and Color**2 s. h.**

The theory of color; appreciation of beautiful colors; intelligent selection and use of color in everyday life. Study of structural art principles applied in creative designing.

Offered in 1957-1958.

47. Lettering and Poster Design**2 s. h.**

Principles of good lettering, layouts for posters, signs, etc. Manuscript writing, built-up letters, modern sign lettering both pen and brush.

Offered in 1958-1959.

64. Water Color**3 s. h.**

Painting in tempera and transparent water color. Study of various techniques. Prerequisites: Art 3 or 8 or permission of instructor.

Offered in 1957-1958.

96. Advertising Design 2 s. h.

Graded individual problems related to the essentials of design in display and advertising. Drawing, painting and lettering used in posterwork, signs, and cards with major attention on tempera colors as media of execution.

Offered in 1957-1958.

98. Beginning Oil Painting 2 s. h.

A course designed for students with little or no experience in oil painting. Special attention given to the use and mixture of color. Prerequisite: Art 3 or 8.

Offered in 1957-1958.

101. Art Education in the Elementary Schools 2-3 s. h.

A course designed to prepare elementary school teachers for the teaching of art. Special attention given to color, design, drawing and various art projects corresponding with diocesan and public school art programs.

108. Calligraphy and Symbolism 2 s. h.

History of lettering and understanding of symbols. Composition of both good lettering and Christian symbols in creative symbolic design.

Offered in 1958-1959.

115. Art Orientation through Crafts 2-3 s. h.

Principles in tooling and carving leather, metal work and mosaics for contemporary use.

Offered in 1957-1958.

128. Figure Drawing 2 s. h.

A study of anatomical form; action sketches from posed figures.

Offered in 1958-1959.

131. Ceramics 2 s. h.

Principles of clay modeling, glazing, and kiln firing as applied to ceramic jewelry, figurines, and pottery.

132. Advanced Ceramics 2 s. h.

Students specialize in ceramic sculpture or pottery with special attention given to glaze preparation and creative form of objects.

135, 136. Painting 2 s. h. each

All media; various techniques.

139, 140. Laboratory in Drawing and Painting 2-3 s. h. each

A course in drawing and composition leading to painting. Practice in preparatory sketches for paintings of naturalistic, conventionalized and abstract subjects.

150. Drawing for Reproduction 3 s. h.

Practical problems in the various methods of reproduction. Layouts and execution of posters, cards, etc.

Offered in 1958-1959.

151, 152. History and Appreciation of Art 3 s. h. each

A survey course for a fuller understanding and appreciation of the fine arts as exemplified in the Greek and Roman cultures, the Middle Ages, the Renaissance, baroque and modern periods. Slide lectures, discussions and trips to the Art Museum.

Offered in 1957-1958.

- 160. Methods in Art** **2 s. h.**
(See Education 160.)

- 170. Aesthetics** **3 s. h.**
Study and understanding of the arts according to the teaching of St. Thomas, St. Augustine and contemporary writers.
Offered in 1958-1959.

MUSIC

Applied Music

Piano

For entrance to a credit course, the student must show ability to perform, with correct touch and technique, standard etudes such as Czerny, Op. 299, Book I; Heller, Op. 47; Bach, Little Preludes or Two-Part Inventions, some standard sonatas, such as Haydn G Major Sonata, Noll, Mozart F. Major Sonata, No. 13, Beethoven Sonata, Op. 49; she should also be able to play correctly scale and arpeggio form in moderate tempo. Students who are unable to meet these requirements must make up their deficiency.

- 13, 14. Piano** **2 s. h. each**

Works to be studied: Bach, 3-part Inventions French Suite or Prelude and Fugue from Well-Tempered Clavier; Sonatas by Scarlatti, Haydn; Mozart or Beethoven Sonata of the early period; Schubert Impromptu; Chopin Preludes, Mazurkas, Etudes, or Nocturnes; some work by a modern composer as Debussy.

- 33, 34. Piano** **2 s. h. each**

Bach, English or French Suite, Well-Tempered Clavier, Prelude and Fugue; Mozart Sonata or Beethoven Sonata of the grade of Op. 7; Schumann

easier pieces; Chopin Mazurkas, Waltzes, or Nocturnes; some of the short pieces of Ravel or Debussy or later composers.

123, 124. Piano**2 s. h. each**

Bach, Partita or English Suite, Well-Tempered Clavichord Prelude and Fugue; Mozart Concerto; Beethoven Sonata of the grade of Op. 22; Schumann, Fantasie pieces; Chopin Etudes; Debussy Preludes or work of any contemporary composer.

153, 154. Piano**2 s. h. each**

Bach, English or French Suite; Well-Tempered Clavichord or Italian Concerto; Beethoven Sonata; Mendelssohn Concerto; Brahms Intermezzi; Chopin Ballade; work by a contemporary composer.

Voice

For entrance to credit course, the applicant should have a good natural voice, an elementary knowledge of piano, and be able to sing with satisfactory intonation, tone quality, time and interpretation.

17, 18. Voice**2 s. h. each**

Voice placement; vocalization for tone production, breath control, relaxation, resonance, vowel formation and study of the consonants. Simple songs with English diction suitable to acquired technic.

55, 56. Voice**2 s. h. each**

Further development of good vocal technique. Solfeggios and exercises from Abt, Concone, Clippinger, Vaccai. Moderately difficult Italian and English songs. Introduction to French songs and selected arias. Establish *legato* vocal habits.

Theory and Music Education

Major in Theory: 30 hours including 11, 12, 25, 26, 101, 102, 103, 104, 107, 111, 112.

Major for students preparing to teach music: 30 hours including 11, 12, 25, 26, 47, 48, 101, 102, 103, 104, 111, 112, 126.

Minor: 16 hours in applied music.

11, 12. Fundamentals of Musicianship 3 s. h. each

A basic course, stressing the aural, visual, and written approaches to musicianship and combining solfeggio, sight singing, ear training, dictation, harmony, and keyboard harmony. Treatment of four-voiced texture, modulations, salient aspects of chromatic harmony.

25, 26. Dictation and Ear Training 2 s. h. each

Recognition of scale and interval patterns in melodic and harmonic progressions. Sight singing and dictation of one, two, three, and four-part melodies. Chromatic melody; modulations; simple and compound rhythms.

43. Music Literature and Appreciation 3 s. h.

An orientation course in which the basic principles of art, scientific and aesthetic, are presented as a basis for an intelligent understanding of all styles of musical composition in historical sequence.

Offered in 1957-1958.

47, 48. Music in the Elementary School 2 or 3 s. h. each

A study of the objectives, procedures, and materials for primary and intermediate grades, including: treatment of the child voice, procedures for the development of the hesitant singer, selection and

presentation of rote, observation, and reading songs. Approach to music reading; part-singing.

65, 66. Gregorian Chant **2 s. h. each**

Presentation of Gregorian notation, modes, rhythm; characteristics of Latin accent; phrasing of liturgical melodies; chironomy. Propers of the Mass; psalmody; hymnody.

101, 102. Harmony **2 s. h. each**

Application of Fundamentals of Musicianship to figured accompaniments. Study of chromatic harmony; altered and mixed chords; regular and irregular resolutions of dissonances; modulation; non-harmonic tones; melodic figuration. Practical work at the keyboard.

103, 104. History of Music **3 s. h. each**

A study of the early systems of music; polyphony; the rise of opera and oratorio; development of instruments; classicism; romanticism; nationalism; modern composers and new tendencies.

107. Counterpoint **2 s. h.**

A study in contrapuntal principles and practices from the techniques of the early centuries through Palestrina and Bach; canonic imitation; original writing in the easier contrapuntal forms. Offered in 1958-1959.

111, 112. Form and Analysis **2 s. h. each**

A study of the simple structural elements of musical composition as applied to form, from the simple song forms to the sonata and symphony. Harmonic and structural analysis of representative works. Study of the score. Offered in 1957-1958.

126. Music in the Secondary School 2 s. h.

The place of music in the life of the adolescent. Suggested courses of study for music in the junior and senior high school; the general music class; the changing voice; the testing and classification of voices; organization of choral groups and glee clubs. Analysis of unison and part songs. Offered in 1958-1959.

Ensemble

61. College Chorus 1 s. h.

Actual performance and study of sacred and secular choral literature. The aim of the course is to develop a discriminatory taste in music through experience and mental attitude by actual participation and performance.

THE DIVISION OF NATURAL SCIENCE

This Division aims to give the student a broad view of the important principles underlying physical phenomena; to train her to record accurately and to interpret carefully; to impart an appreciation of the role of scientific knowledge in a true culture.

SCIENCE**1. 2. Principles of Bio-physical Sciences 3 s. h. each**

A demonstration-lecture type course for non-science majors covering the fundamentals and applications of physics, chemistry and some astronomy, the first semester; the biological sciences with their human applications, the second semester.

BIOLOGY

Major: 30 hours including 1, 2, 101, 154. Other advanced courses approved by the department. Chem. 30, 31 and one year of Mathematics.

Minor: 15 hours including 1 and 2.

1, 2. General Biology **4 s. h. each**

The structure, physiology, distribution, and economic aspects of lower and higher forms of plant and animal life; principles of reproduction and genetics; facts and theories of biology fitted into the broader picture of human life and human affairs. Lecture three hours a week, laboratory three hours a week.

31. Physiology and Hygiene **2 s. h.**

A study of the fundamental principles of human physiology and hygiene.

101. Comparative Anatomy of Vertebrates **4 s. h.**

A comparative study of structures of vertebrates. Prerequisite: Biology 1, 2 or equivalent. Lecture two hours a week, laboratory four hours a week. Offered in 1957-1958.

121. Genetics **2 s. h.**

Principles and laws regarding heredity and variations as found in plants and animals. Prerequisite: Biology 1, 2. Offered in 1957-1958.

126. Bacteriology **4 s. h.**

A study of morphology and physiology of bacteria; bacteriological methods and techniques. Pre-

requisite: General Chemistry. Lecture two hours a week, laboratory four hours a week.
Offered in 1957-1958.

129. Parasitology 4 s. h.

An introduction to the study of parasitism with special reference to human and other vertebrate host. Lecture two hours a week, laboratory four hours a week.

Offered in 1958-1959.

131. Histology 4 s. h.

A microscopic study of the fundamental tissues and organs of the vertebrate body. Prerequisite: Biology 1, 2. Lecture two hours a week, laboratory four hours a week.

Offered in 1958-1959.

141. Embryology of the Vertebrate 4 s. h.

A study of the embryonic development of typical vertebrates. Prerequisite: Biology 1, 2. Lecture two hours a week, laboratory four hours a week.

Offered as needed.

154. Human Physiology and Anatomy 3 s. h.

Structure and physiology of the human body.

Offered in 1957-1958.

CHEMISTRY

Major: 30 hours including 30, 31, 52, 103, 104, 153 and 154.

Minor: 18 hours including 52, and 103.

Medical Technology students may substitute 153 and 154 with 163 and 164.

A course leading to Bachelor of Science degree in Medical Technology is offered for those students who

are able to complete the required subjects in three years. The fourth year must be taken in an approved hospital laboratory.

30. General Chemistry 4 s. h.

Fundamental chemical principles and their applications. Atomic and molecular theories. Study of the more important elements and their compounds with reference to the modern concepts of electronic structure and the periodic relationship of the element. The properties of liquids, gases, and solutions. Two hours lecture and four hours laboratory a week.

Prerequisite or corequisite: one year of college mathematics.

31. General Chemistry and Qualitative Analysis 5 s. h.

Chemical equilibrium and the theory of electrolytic solutions. Periodic classification of the elements and description of their properties. Qualitative analysis of inorganic substances. Semimicro techniques. Two hours lecture and six hours laboratory a week.

52. Quantitative Analysis 5 s. h.

Theories and techniques of volumetric, gravimetric, colorimetric and electrometric methods of analysis. Prerequisite: Chemistry 30, 31. Two hours lecture and six hours laboratory a week.

103, 104. Organic Chemistry 5, 4 s. h.

The carbon compounds; their classification, structure, properties, and uses. The laboratory work includes the preparation of typical organic compounds with a study of their reactions. Prerequisite: Chemistry 30, 31. Two hours lecture and six or four hours of laboratory a week.

153, 154. Physical Chemistry 4 s. h. each

A study of the laws of gases, liquids and solutions; chemical equilibrium, thermochemistry; chemical kinetics; atomic structure. Three hours lecture, three hours laboratory a week. Prerequisite: Math. 61, 62; Physics 1, 2.

Offered in 1957-1958.

163, 164. Biochemistry 4 s. h. each

Qualitative and quantitative and laboratory study of carbohydrates, lipids, and proteins and their application to biological processes. Digestion and absorption and metabolism of foods; blood, tissues, vitamins and hormones. Prerequisite: Biology 1, 2; Chemistry 52, 103. Two hours lecture and four hours laboratory a week.

MATHEMATICS

Major: 24 hours including 4 upper division courses.

Minor: 15 hours including 61, 62.

3, 4. Basic Mathematics 3 s. h. each

Courses for students who present only one unit of mathematics. Emphasis is placed on basic skills and on the understanding of the principles underlying them. Does not count toward a major or minor in mathematics.

5. College Algebra 3 s. h.

A course for students with two years of high school algebra. Systems of equations involving quadratics; mathematical induction and the binomial theorem; complex numbers; permutations and combinations; determinants.

7. Plane Trigonometry **2 s. h.**

Trigonometric functions; solution of right and oblique triangles by natural functions and logarithms. Credit may not be earned in this course by students who had high school trigonometry. Prerequisites: high school geometry or Math. 3, 4.

8. Analytical Trigonometry **2 s. h.**

Identities and equations, reduction formulas, graphs, functions of two angles, inverse functions, complex numbers. Prerequisites: high school trigonometry or Math. 7.

13. Plane Analytic Geometry **3 s. h.**

Equations and curves; rectangular and polar coordinates; transformation of coordinates; parametric equations. Prerequisites: Math. 5 and 8.

61. Differential Calculus **3 s. h.**

Differentiation of algebraic, logarithmic, exponential and trigonometric functions; maxima and minima of variables; indeterminate forms; mean value theorems. Prerequisite: Math. 13.

62. Integral Calculus **3 s. h.**

Methods in integration; definite integrals, application to lengths, areas, volumes; multiple integrals; series. Prerequisite: Math. 61.

101. Elementary Number Theory **3 s. h.**

An introductory course on properties of integers, divisibility, Euclid's Algorithm; prime numbers; congruences; quadratic residues. Prerequisite: Math. 61 or taken currently with it.

103. Theory of Equations 3 s. h.

Complex numbers; roots of unity; polynomial functions; cubic and quartic equations; symmetric functions; determinants. Prerequisite: Math. 62 or taken currently with it.

131. History of Mathematics 2 s. h.

Brief consideration of the development of mathematical concepts and contributions of leading mathematicians. Prerequisite: Math. 62.
Offered in 1957-1958.

143. Differential Equations 3 s. h.

Ordinary differential equations of first and second order with applications to geometry and physics. Prerequisite: Math. 62.
Offered in 1958-1959.

145. College Geometry 3 s. h.

An introduction to geometry developed since the time of Euclid. A course for prospective teachers. Prerequisite: Math. 62.
Offered in 1958-1959.

159. Methods in Mathematics 2 s. h.

Objectives, content, methods and evaluation of the teaching of mathematics.
Offered in 1957-1958.

PHYSICS

1, 2. General Physics **4 s. h. each**

Fundamental principles of mechanics, heat, magnetism, electricity, sound, and light. Two hours lecture, four hours laboratory a week.

Offered in 1958-1959.

HEALTH AND PHYSICAL EDUCATION

31. Physiology and Hygiene **2 s. h.**

A study of the fundamental principles of anatomy and physiology of the human body. (See Biology 31.)

43. First Aid **2 s. h.**

A knowledge of first aid for injuries in the home, school and community.

45. Play and Camping **2 s. h.**

The theory of play and recreation; characteristics of the different age periods; classification and organization of play activities for different age levels. Study of program planning, methods of leadership, and administration of summer camps and playgrounds.

One hour a week of physical education is required of all freshmen. Exercise is offered through volley ball, tennis, hiking, basketball, handball, badminton, table tennis, and rhythmic drill.

THE DIVISION OF SOCIAL SCIENCE

The courses in the Division of Social Science aim to give that knowledge which is most desirable for intelligent citizenship; to provide a training in the critical use of sources; to develop a philosophy of life in terms of which the student may evaluate earlier periods of history as well as present social arrangements and suggested social reforms; to acquaint the student with conditions prerequisite for the building up of a national and world order which will recognize fully the significance of the human person and the value of brotherliness, justice, and charity; to prepare students who are interested in professional social work, in business, and in the important profession of home-making.

BUSINESS

Major: 30 hours including 53, 54, 55, 56, 123, 124, 135.

Minor: 15 hours including 17, 53 or 54, 55, 56.

11. 12. Typewriting **2 s. h. each**

Typewriting technique; keyboard control; development of accuracy; acceleration and skill practice; business letters and forms. Four hours a week for each semester; without credit toward the degree. Offered on request.

13. 14. Stenography I and II **2 s. h. each**

A thorough knowledge of the fundamental principles and theory of Gregg Shorthand.

17. Advanced Typewriting **2 s. h.**

Speed practice, figure tabulation, stenciling, mimeographing, various styles of business letters, manuscript and legal forms.

53, 54. Office Management and Practices 2 s. h. each

This course combines theory of office management with office practices and techniques, including: office systems and routines, organizations, office correspondence, supervision, equipment, supplies, controls, building, office planning and layout, hiring, compensation, cost analysis, job analysis, reports, budgetary control, selection and training of office personnel.

55, 56. Accounting 3 s. h. each

A course developing the fundamental principles of accounting as applied to professional and manufacturing enterprises; business practice and procedure through practice sets.

105. Principles of Marketing 3 s. h.

A survey of the field of marketing with emphasis upon principles, trends, and policies in relation to marketing agencies and the fundamental reasons underlying current marketing channels.
Offered in 1958-1959.

108. Retail Principles 2 s. h.

Retail store location, buying, merchandise, control, policies, services, pricing, expenses, profits, and retail store management.
Offered in 1958-1959.

123, 124. Intermediate Accounting 3 s. h. each

A study of corporation accounting problems, budgetary problems and cost accounting problems.
Prerequisite: Bus. 55, 56.
Offered in 1957-1958.

135, 136. Business Law 2 s. h. each

A study of law in relation to business contracts, negotiable papers, partnerships, corporations, and bailments.

143, 144. Advanced Dictation and Transcription 3 s. h. each

An intensive course for increasing speed in taking notes and transcribing together with the study of the duties of a secretary. Prerequisites: Bus. 13, 14. Offered in 1957-1958.

158. Methods in Business Education 2 s. h.

A course stressing methods of teaching; lesson planning and improvement of instruction. (See Education 158.) Offered as needed.

ECONOMICS**51, 52. Principles of Economics 3 s. h. each**

The economic principles involved in the production, exchange, distribution, and consumption of wealth; forces determining price; money, banking, and exchange; selected social encyclicals.

151. Economic History of the United States 3 s. h.

A study of the economic influences on our national life; recurring waves of prosperity, overexpansion, depression, and movements for reform; the close relationship of agriculture, labor, industry, transportation and finance, with the clash of sectional interests, and with politics.

GEOGRAPHY

1. Principles of Geography **3 s. h.**

An introduction to the field of content of modern geography; elements of meteorology; climate; mutual relationship between man and the natural environment with emphasis on a world view of peoples and their problems.

HISTORY

Major: 24 hours including 1, 2, 31, 32, and 15 hours in upper division courses including 171.

Minor: 15 hours—6 hours in upper division courses.

1, 2. Western Civilization **3 s. h. each**

A survey course emphasizing the religious, economic, political and cultural trends from the earliest times to the seventeenth century; and from the seventeenth century to the present, emphasizing the political, religious, cultural, and economic factors of change, basic for an understanding of contemporary problems.

31, 32. American History **3 s. h. each**

A general course in American History covering the major problems and trends, political, social, and economic in American History. First semester to 1865; second semester since 1865.

101. History of England **3 s. h.**

This course offers a political, economic and social survey of England from the twelfth to the twentieth century.

Offered in 1957-1958.

113. Medieval History 3 s. h.

Cultural antecedents of medieval civilization; feudalism and chivalry; the Church and the Empire; Crusades; religious, cultural, and political developments from the twelfth to the fifteenth centuries.

114. The Renaissance and the Religious Revolt 3 s. h.

The principal political, religious, economic, and cultural movements in Europe from the fourteenth century to the Peace of Westphalia.

131. Europe, 1870-1918 3 s. h.

European States, 1870-1918. The course deals with growth of nationalism; imperialism and world trade; the quest for security; Balkan crisis; a World at war.

132. Europe Since 1918 3 s. h.

The Versailles settlement; work of the League of Nations; world economic depression; growth of totalitarianism; aggression and war. Clash of ideologies. Quest for peace.

153. Recent American Development 3 s. h.

A study of the significant economic, political, and social changes from 1870 through the World War to the present, with emphasis on origins of contemporary major problems.

157. Methods in Social Studies 2 s. h.

(See Education 157.)

161. History of Latin America 3 s. h.

A study of the colonial period, the struggle for independence, the rise of nations, with special stress on the present relations with the United States.

Offered in 1957-1958.

164. The Far East 3 s. h.

A survey of the cultural, economic and political history of the Far East, with emphasis on the nationalists movements and international policies of the great powers in this area.

Offered in 1957-1958.

165. History of Russia 3 s. h.

A brief survey of the cultural and political history of early and modern Russia. Stress given to contributions of the Romanovs, especially of Peter the Great and Catherine the Great in the westernization of modern Russia. Included here are also the various phases of Soviet foreign and domestic policy in the nineteenth and twentieth centuries; reaction and repression; the Revolution of 1917; World War I; World War II; and post-war era.

171. Senior Seminar 3 s. h.

A course designed to help history majors to integrate previous knowledge acquired in this field and to correlate it with related fields. Survey of historical literature and reference material.

HOME ECONOMICS

Major: 30 hours including 11, 16, 53, 56, 101, 127, 153.

Minor: 15 hours including 11, 16.

11. Foods **3 s. h.**

General principles of selection and preparation of foods.

16. Clothing **3 s. h.**

Fundamental principles of clothing selection and construction; use of commercial patterns; care and use of sewing machines.

53. Textiles **3 s. h.**

A study of textile fibers, their construction, finish, sources, characteristics, identification, and uses.

Two hours lecture and two hours laboratory a week.

Offered in 1958-1959.

56. Costume Design **2 s. h.**

Principles of color and design as related to dress, personality, and types of people; creative and adaptive designing for various types and occasions.

Offered in 1958-1959.

101, 102. Nutrition and Dietetics **2 s. h. each**

A study of the nutritive requirements of the normal individual of all ages; typical diets for different family groups under various conditions and for those having nutritional difficulties.

Offered in 1957-1958.

106. Child Growth and Development 3 s. h.

A course designed to help students understand all the phases of growth and development in children with implications for educational guidance in the home, the school and the community. Lectures and discussions supplemented with systematic observations and laboratory experiences with children in the Madonna College Psycho-Educational Center.

121. Meal Service 3 s. h.

Planning, preparation, and service of meals for various occasions with special reference to selection and to cost. Two hours lecture and two hours laboratory a week.

Offered in 1958-1959.

127. Home Management 2 s. h.

Problems of home management; personal and family budgets, time and energy management, problems of the consumer.

Offered in 1957-1958.

153. Advanced Clothing 3 s. h.

Garment construction in silk and wool material based on the use of commercial patterns and pattern alterations; principles of fitting.

Offered in 1958-1959.

155. Historic Costume 3 s. h.

Study of costume through the historic background of the various periods of dress with reference to its influence on contemporary dress.

Offered on request.

157. Interior Decoration 2 s. h.

The fundamentals of design and color applied to backgrounds and home furnishings; a brief study of period furniture; developing standards of good taste in the selection and arrangement of home furnishings.

Offered in 1957-1958.

POLITICAL SCIENCE**51. American Government 3 s. h.**

A course stressing the rise of the American State; interpretation of constitutional principles; structure of our national government; political parties; general welfare; current trends in government.

101. International Relations 3 s. h.

Introduction to contemporary international politics; nationalism; imperialism; foreign policies of the major powers.

Offered on request.

108. Comparative Government 3 s. h.

An analysis of the historical and political development of the governments of the principal nations.

Offered in 1958-1959.

SOCIOLOGY

Major: 24 hours including 51, 121, 133, 137, 145, 146.

Minor: 15 hours including 121, 145, 146.

51. Elements of Sociology 3 s. h.

A general introduction to the principles of social science; social order, social control, social institutions, social life.

- 106. Child Growth and Development** 3 s. h.
A course designed to help students understand all the phases of growth and development in children with implications for educational guidance in the home, the school and the community. Lectures and discussions supplemented with systematic observations and laboratory experiences with children in the Madonna College Psycho-Educational Center.
- 121. Social Problems** 3 s. h.
An analysis of the general problems of social and physical disorganization including poverty and unemployment, crime, and delinquency, race relations, population.
- 133. The Family** 3 s. h.
The history and problems of the family.
Offered in 1957-1958.
- 136. Child Welfare** 2 s. h.
Historical background of child welfare and modern child welfare problems.
Offered in 1957-1958.
- 137. Social Psychology** 3 s. h.
An analysis and study of problems of social behavior; social aspects of personality in group living.
Offered in 1958-1959.
- 141. Mental Health** 3 s. h.
A study and analysis of behavior and personality conflicts; adjustments; wholesome habits of living, influence of physical, intellectual, emotional and moral factors upon mental health.
Offered on request.

145. The Social Encyclicals 3 s. h.

A study of the encyclical letters of Popes Leo XIII, Pius XI, and Pius XII.

Offered in 1958-1959.

146. Contemporary Social Movements 2 or 3 s. h.

An analysis of contemporary economic, religious, and political movements with reference to their impact on social life.

152. The History of Social Thought 3 s. h.

A survey of the social thought from the earliest civilizations to the present century. Particular emphasis placed upon the development of sociological theory in the United States and contemporary modern trends.

Offered on request.

172. Introduction to the Field of Social Work 2 s. h.

A survey course; principles and procedures of social work. Designed especially for those who plan as a vocation some line of social work. The course includes visits to typical local social agencies.

Offered as needed.

175. General Social Case Work Processes 2 s. h.

Orientation course in case work introducing methods of giving services to individuals through such agencies as family welfare agency, public welfare departments, and juvenile courts.

Offered as needed.

THE DIVISION OF TEACHER EDUCATION

The Division of Teacher Education offers courses designed to prepare teachers for the elementary and the secondary schools.

The two-fold aim of the program in education is:

To give the student a liberal culture based on Christian principles and vitalized by a sound philosophy of education.

To prepare the student for teaching by intergrating the liberal culture with professional training and by keeping before her the ideals of the teaching profession.

The following requirements must be met:

1. A point average of 2.0 or higher
2. A minimum of 50 hours of contact with children
3. Proficiency in oral and written communication and reading
4. Personal integrity, emotional stability, and social competence
5. Good physical condition — vision, hearing, and general health

The College reserves the right to refuse admission to professional courses to any student with deficiencies in the above requirements until the same have been corrected through remedial work.

The College offers a minor in Education and a minor in Human Growth and Development which may be selected by students who as teachers or mothers will guide and direct the development of their children. Any student may select a minor in Education with the approval of the Department in which she majors.

For a minor in the elementary curriculum, fifteen semester hours of credit must be earned from the following courses: Art 1, 47, or 115; Education 101, 106, 124, 141, 172; English 51; Geography 1; Health 31; Music 47, 48; Physical Education 43, 45.

A minor in Human Growth and Development must include fifteen semester hours of credit from the following courses: Art 151; Biology 121, 154; Education 101, 106, 107, 141; English 51; Health 31; Music 43; Sociology 121 or 146, 133, 145.

EDUCATION

101. Principles of Psychology 3 s. h.

A study of the facts and principles relating to human mentality and behavior. Consideration of the receptive, responsive and integrative aspects of human behavior with a view of understanding human nature and the application of psychological data and principles to the solution of human problems.

103. Principles of Teaching 3 s. h.

Consideration of Christian principles, aims, and problems inherent in the curriculum; the role of the teacher; the preparation for planning of instruction; the art of questioning; the manner of conducting special types of instruction and recitation; and the appraisal of various curricula.

106. Child Growth and Development 3 s. h.

A course designed to help students understand all the phases of growth and development in children with implications for teaching. Lectures and discussions supplemented with systematic observations

and laboratory experiences with children in the Madonna College Psycho-Educational Center.

107. Psychology of the Adolescent 3 s. h.

The study of the adolescent in the school, the home and the community; training the adolescent for successful membership in society by guiding the total development of personality.

111. History of Education 3 s. h.

A study of the genesis of educational thought, the development of the school as an institution, and comparative educational practices, serving as an insight into the educational problems of today.

121. Philosophy of Education 3 s. h.

Facts, principles, and theories serving to determine the nature of the educative process.

123. Psychology of Education 3 s. h.

A consideration of the basic psychological principles involved in the process of learning, the conduct of the learner, and in the conditions affecting learning.

124. Educational Measurements 3 s. h.

The history of tests; the theory and principles of administration, interpretation and evaluation of achievement, diagnostic and intelligence tests; use of tests in diagnosis and guidance.

126. Sensory Aids 2 s. h.

Principles underlying the selection and use of audio-visual aids for instructional purposes.
Offered on request.

141. Mental Health**3 s. h.**

A study and analysis of behavior and personality; conflicts; adjustments; wholesome habits of living; influence of physical, intellectual, emotional and moral factors upon mental health.
Offered on request.

**147. School Library Organization and
Administration****3 s. h.**

A course designed for library service in the modern school with emphasis on the principles of organization and administration of school libraries. Sources and methods of acquisition, purchase and preparation of books and library materials in a school library.
Offered in 1958-1959.

148. Reference Work**3 s. h.**

A brief study of the theory and techniques of general reference tools, practises and services. An intensive study of the various types of basic reference books, such as the encyclopedias, dictionaries, yearbooks and annuals, handbooks, etc.

149. Elementary Cataloging and Classification**3 s. h.**

Organization of library collection for use; elementary principles and fundamentals of classification; brief study of the Dewey Decimal Classification and the principles of simple cataloging, treated with the teacher-librarian and school library patrons in mind. Laboratory work.

150. Principles of Book Selection 3 s. h.

Designed to acquaint the students with the principles and policies for selecting and evaluating books, pamphlets, periodicals, and other materials needed to enrich the school curriculum. Techniques and practises in annotating and reviewing books, compiling book lists, checking copyright dates, editions, series, etc.

151. Methods in Elementary School Subjects 3 s. h.

Objectives of elementary school subjects; application of general techniques to the various subject-matter fields; effective devices and procedures in classroom organization and routine; use of audio-visual aids; discipline; motivation; habit formation; individual differences.

152. School Management 3 s. h.

Current forms and objectives of school organization; classroom conditions conducive to effective work; the daily program; classification and promotion of children; administration of records and reports.

153 to 164. Methods in Teaching Secondary School Subjects 2 s. h. each

A teaching course dealing with special methods, in the subject-matter field in which the student expects to teach, is required of all students who wish to teach or to secure the professional certificate. Offered as needed.

- 153. Methods in English
- 155. Methods in Foreign Language
- 157. Methods in Social Studies
- 158. Methods in Business Education
- 159. Methods in Mathematics
- 160. Methods in Art
- 161. Methods in Physical Science
- 163. Methods in Biological Science
- 164. Methods in Home Economics

165. Directed Teaching **3-6 s. h.**

Student observation of the work of successful teachers; planning instruction and teaching in classroom situations; assisting with co-curricular activities; study of children and the community in which they live; participating in professional meetings; conferring regularly with cooperating teacher and college supervisor.

172. Improvement of Reading **3 s. h.**

A study of the methods and procedures of instruction, diagnosis and remedial work; developing desirable reading attitudes, habits and skills; selecting reading materials according to the interests of children.

Offered on request.

STUDENT EXPENSES

Student expenses are payable in advance at the beginning of each semester.

	For the Year
Matriculation fee (should accompany application) \$	10.00
Tuition	250.00
Tuition per semester hour (part-time students)	9.00
Board and residence	500.00
General fee	25.00
Graduation fee	15.00

SPECIAL TUITION

Laboratory fees, each course

Biology	\$5.00 - 10.00
Chemistry	5.00 - 10.00
Home Economics	5.00 - 10.00
Physics	5.00
Typewriting fee, each course	5.00
Music: Piano, Voice (1 lesson a week) per semester	45.00
Art fee	varies with course
Radio, per semester	2.00
Recording fee (non-matriculated students)	1.00
Directed Teaching	40.00
Room deposit (not refunded if canceled after June 1)	5.00
Removal of grades of I and X	2.00
Late registration	5.00
Transcript of credits (after the first)	1.00

Books, academic cap and gown and gymnasium suit are purchased at the College after entrance.

All fees and expenses are subject to change as the College deems necessary.

Checks should be made payable to **Madonna College** and forwarded to the Business Manager.

REFUNDS

If the student leaves during the first two weeks, tuition and special tuition will be refunded in full; up to

the fourth week, 75% will be refunded; up to the sixth week, 50%; up to the eighth week, 25%. After that no refund will be made. Board refund is made at the rate of 5% for each full week from the withdrawal date to the end of the term.

Only if an application is not accepted is the matriculation fee refunded.

THE NEEDS OF MADONNA COLLEGE

To all who desire to promote one of God's great works, Catholic education, we beg to submit the following needs of the College:

Funds for new building.

Funds for the equipment of science laboratories.

Endowment for scholarships.

FORMS OF BEQUEST

I. For General Fund

I give and bequeath to Madonna College, a corporation established by law at Livonia, Wayne County, in the State of Michigan, the sum of..... dollars, for the benefit of Madonna College, to be used as the Trustees shall deem expedient.

II. For Student Scholarship

I give and bequeath to Madonna College, a corporation established by law at Livonia, Wayne County, in the State of Michigan, the sum of dollars, to be safely invested and called the.....

..... Scholarship Fund. The interest shall be applied to the aid of deserving students at the discretion of the Trustees of the College.

**ASSOCIATION
OF THE
FOUNDERS OF MADONNA COLLEGE**

Any person who contributes one hundred dollars toward building a Hall, toward equipping and furnishing any of the buildings after completion, or toward the founding of a scholarship, will be considered a Founder of Madonna College, and as such will be enrolled as a life member in the Association and will become a sharer in all its spiritual advantages.

The names of deceased friends or relatives may be entered on the list of members in order that they, too, may share perpetually in all the spiritual benefits of the Association.