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# Madonna College

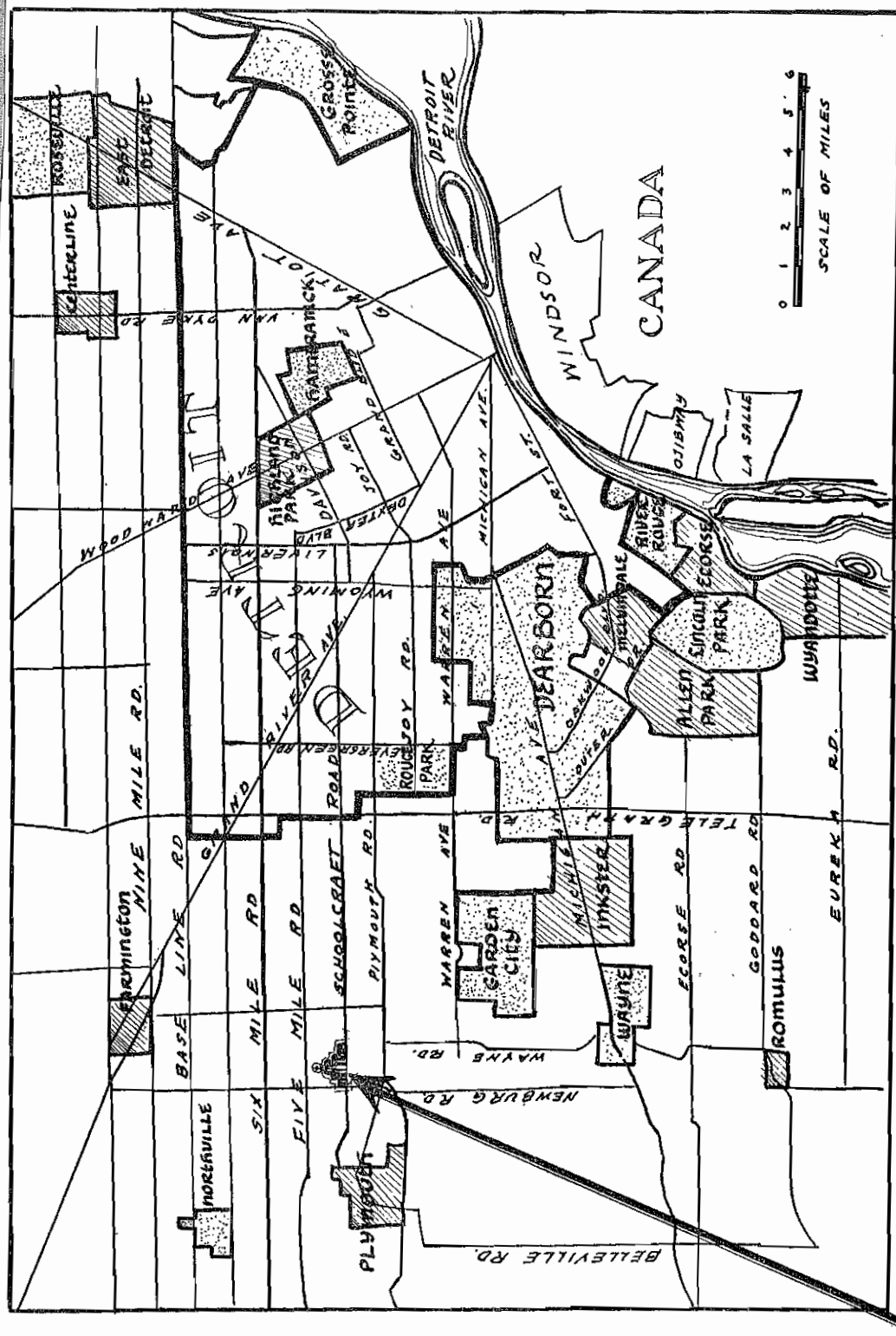
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*Bulletin*

*1959 - 1961*

*Sierra - Michigan*



MADONNA  
COLLEGE



## 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.

## CORRESPONDENCE

Requests for information should be addressed as follows:

PRESIDENT . . . . .	General interest of the College
DEAN . . . . .	Academic work, withdrawals
REGISTRAR . . . . .	Admission, bulletins, transcripts
DEAN OF STUDENTS	Personal welfare, health, housing
BUSINESS MANAGER . . . . .	Student finances

## CAMPUS TELEPHONES

PRESIDENT . . . . .	Garfield 7-3300—Extension 8
DEAN . . . . .	Garfield 7-3300—Extension 11
REGISTRAR . . . . .	Garfield 7-3300—Extension 10
RESIDENCE HALL . . . . .	Garfield 1-9865

# **MADONNA COLLEGE**

## **A CATHOLIC COLLEGE FOR WOMEN**

Conducted by

The Felicion Sisters

Bulletin Vol. XVI

1959-1961

**LIVONIA, MICHIGAN**



## **ACADEMIC RECOGNITION**

**MADONNA COLLEGE is**

accredited by the North Central Association of  
Colleges and Secondary Schools  
affiliated with the Catholic University of America  
approved by the Michigan State Department of  
Public Instruction

**MADONNA COLLEGE holds membership in**

The National Catholic Educational Association  
The North Central Association Study on Liberal  
Arts Education  
The Association of Catholic Colleges of Michigan  
Michigan College Association  
The American Library Association

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1959							1960														1961						
JULY							JANUARY							JULY							JANUARY						
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**ACADEMIC CALENDAR**

1959-1960

## Summer Session 1959

June 6 ..... Registration  
22 ..... Mass of the Holy Ghost  
22 ..... Classes begin  
July 30, 31 ..... Examinations

## First Semester

September 14, 15 ..... Freshmen Days  
16 ..... Registration  
16 ..... Mass of the Holy Ghost  
17 ..... Classes begin  
November 9-13 ..... Mid-semester examinations  
26, 27 ..... Thanksgiving recess  
December 8 ... Feast of the Immaculate Conception  
18 ..... Christmas recess begins after the  
last class  
January 4 ..... Classes resume  
18 ..... Semester examinations begin

## Second Semester

January 22 ..... Registration  
February 1 ..... Classes begin  
March 21-25 ..... Mid-semester examinations  
April 10-12 ..... Student Retreat  
13 ..... Easter recess begins—12:00 noon  
19 ..... Classes resume  
May 25 ..... Semester examinations begin  
26 ..... Feast of the Ascension  
30 ..... Memorial Day  
June 4 ..... Commencement

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



**ACADEMIC CALENDAR**

1960-1961

## Summer Session 1960

June 17 ..... Registration  
       20 ..... Mass of the Holy Ghost  
       20 ..... Classes begin  
 July 28, 29 ..... Examinations

## First Semester

September 14, 15 ..... Freshmen Days  
           16 ..... Registration  
           16 ..... Mass of the Holy Ghost  
           19 ..... Classes begin  
 November 1 ..... Feast of All Saints  
           7-11 ..... Mid-semester examinations  
           24, 25 ..... Thanksgiving recess  
 December 8 .... Feast of the Immaculate Conception  
           20 . Christmas vacation begins—12:00 noon  
 January 3 ..... Classes resume  
           17 ..... Semester examinations begin

## Second Semester

January 20 ..... Registration  
           23-25 ..... Student Retreat  
           30 ..... Classes begin  
 March 20-24 ..... Mid-semester examinations  
           29 ..... Easter recess begins—12:00 noon  
 April 4 ..... Classes resume  
 May 11 ..... Feast of the Ascension  
           24 ..... Semester examinations begin  
           30 ..... Memorial Day  
 June 4 ..... Commencement

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

## FACULTY

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### THE DIVISION OF NATURAL SCIENCES AND MATHEMATICS

Sister Mary Bonavita, M.S.	Physics
Sister Mary Danutha, M.S.	Biology
Sister Mary Joela, M.S.	Chemistry
Sister Mary Virgilia, M.S.	Mathematics
Barbara Hall, B.S.	Physical Education

### THE DIVISION OF SOCIAL STUDIES

Sister Mary Avila, M.A.	Business
Sister Mary Arcadia, M.S.S.W.	Sociology
Sister Mary Bridget, M.Ed.	Home Economics
Sister Mary Chester, M.Ed.	Business
Sister Mary Consilia, M.S. H. Ec.	Home Economics
Sister Mary Edigna, M.A.	History
Reverend Paul J. Hickey, M.S.W.	Sociology
Amanda F. Janes, M.S.W.	Sociology
Sister Mary Petronia, M.A.	History
Sister Mary Remigia, M.A.	Political Science
Sister Mary Sigmunda, M.A.	History

### THE DIVISION OF TEACHER EDUCATION

Sister Mary Assumpta, M.S. Ed.	Education
Sister Mary Bonfilia, M.A.	Education
Sister Mary Emmanuel, M.A.	Education
Sister Mary Lauriana, Ph.D.	Education
Sister Mary Martina, Ph.D.	Education



## 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 conformity with the 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.

### OBJECTIVES

Madonna College is a Liberal Arts College for Women.

As a Liberal Arts College, its aim is to form intelligent, dynamic and cultured women who by the development of the intellectual virtues will be liberated from ignorance and error, will discern the true, contemplate the beautiful and pursue the ultimate good.

As a Catholic College, in conformity with the teaching of the Catholic Church, its aim is to nurture women of integrated personality who will think, judge, and act "constantly and consistently in accordance with right reason illuminated by the supernatural light of the example and teaching of Christ." (Encyclical, **Divini Illius Magistri**.)

As a College for Women, its aim is to prepare women who, uniting in themselves the dignity and restraint of a virgin with the tenderness and devotedness of a mother, will be successful in the patterns of home-making and home preserving, will be willing to minister to the physical, intellectual and spiritual needs of their neighbor in the professions and occupations suited to their nature and in this manner will contribute to the restoration and preservation of Christian culture.

### 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 300 acres with its gardens and shady walks creates an atmosphere of calm beauty. The wooded areas supply rich biological specimen 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 33,500 volumes.

The Curriculum Laboratory 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, filmstrips, 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.

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, such as formal and informal dances, teas, picnics, buffet-suppers, etc., are arranged 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 admission program involves the following procedures:

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 college, 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 administration, faculty members, and upperclass-

men, regarding the history, policies of the college, the use of the library, study habits, social usage, student activities program, student government, 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 \$2.00 will be charged.

### GRADING SYSTEM

Each course receives a grade which represents the results of class work and examination. 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	Satisfactory	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.

Full-time students who maintain a grade point average of 3.25 or better during a semester merit a place on the Dean's List. Second honors are awarded to students who average 3.0 - 3.24.

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 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 three 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 the college; if four units are presented and upon examination the students indicate that they have a reading knowledge of this language, they fulfill the foreign language requirement. The candidate for a degree must also take a comprehensive examination and the Graduate Record Examination in the major field in the second semester of the senior year.



**Basic Requirements For  
Bachelor's Degree**

<b>DIVISION I</b>	<b>THEOLOGY AND PHILOSOPHY</b> *Theology . . . Catholic full-time students throughout the four years Philosophy . . . . . 12 semester hours
<b>DIVISION II</b>	<b>THE HUMANITIES</b> English . . . . . 12 semester hours (Rhetoric and Composition, and Literature) Speech . . . . . 2 semester hours **Foreign Languages . . 12 semester hours Humanities . . . . . 4 semester hours
<b>DIVISION III</b>	<b>NATURAL SCIENCES AND MATHEMATICS</b> Math. or Science . . . 6-8 semester hours
<b>DIVISION IV ***</b>	<b>SOCIAL STUDIES</b> History . . . . . 6 semester hours Other . . . . . 6 semester hours

These prescribed basic courses should be completed, as far as possible, in the first two years of college. The e l e c t i v e s may be selected 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.

\*Non-Catholic students substitute Philosophy 132, 137 and 138.

\*\*Students whose major is in Home Economics or Medical Technology are exempted from the language requirement.

\*\*\*For Bachelor of Science in Medical Technology— 6 semester hours in Social Studies.

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 and a minor of at least 15 semester hours in a field related to her major. A related minor is generally from the same division as the major. Specific requirements for majors and minors are given with the respective departments. 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, Chemistry, English, History, Home Economics, Mathematics, Medical Technology, Music, Science, Social Studies, and Sociology. With the exception of Medical Technology, minors are offered in the above and in Business, Education, French, Journalism, Latin, Polish, Social Science, Spanish, and Speech.

#### 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 reappointment the following year. Application for the renewal of a scholarship must be filed in the presi-

dent'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.

#### 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 through 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 SCIENCES AND MATHEMATICS**  
Biology, Chemistry, Mathematics, Medical Tech-  
nology, Physics, Physical Education

**THE DIVISION OF SOCIAL STUDIES**  
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.

**103, 104. Ascetical and Mystical Theology 2 s.h. each**

A study and application of the principles of Christian perfection.

**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, 138. **Ethics** 2 s.h. each  
The consideration of man and his destiny. First Semester: the ultimate end of man and the means to the end; human acts and their implications; the nature, the kinds and the effects of emotion. Second Semester: the intrinsic principles of human acts, that is, good and bad habits; and the extrinsic principle of Law. **Not open to those who have taken Theology 53, 54.**  
Offered as needed.



### THE DIVISION OF HUMANITIES

The courses offered in the Division of Humanities, in accordance with the general objectives of the college, aim:

1. to deepen the knowledge of the artistic heritage by the study of the outstanding cultural achievements of the great masters through the ages;
2. to develop and to refine the aesthetic sensitivity to the fine arts and to provide opportunities for creative expression in the areas of music, art and literature;
3. to enrich the student's experience and her cultural background by the study of foreign languages;
4. to develop the power of written and oral communication specifically through the media of newspaper, radio and television; and
5. to prepare teachers in the areas of humanities on primary and secondary levels.

### DIVISIONAL COURSES

**1. 2. Humanities** **2 s.h. each**

A lecture and discussion program to acquaint the students with the major principles of art, the greatest artists and musicians and their masterpieces, and to give some insight into contemporary art and music.

### ART

**Major:** 30 hours including 7 or 8, 25, 47 or 108, 128, 151, 152.

**Minor:** 15 hours including 7 or 8, 25 or 47 or 108, 151, 152.

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

Shapes of objects, perspective, composition and modeling in some media: graphite, charcoal, ink, pastels,

etc., with a purpose of developing a technique most adapted to the talent of the individual student.

- 25. Color and Design** 2 s.h.  
The theory and understanding of line and color schemes and their application to creative problems; study of textures, shapes in the various media used in the structural projects under consideration.
- 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 in both pen and brush.
- 65. Beginning Painting** 2 s.h.  
Various modern techniques in any one or two of the following media: watercolor, oil painting, gouache or tempera.
- 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; major attention to tempera colors as media of execution.
- 101. Art Education in the Elementary Schools** 2-3 s.h.  
Color, design, drawing and various art projects corresponding with diocesan and public school art programs; emphasis on preparation for the teaching of art on the elementary level.
- 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.
- 128. Figure Drawing** 2 s.h.  
Study of the figure in action and various poses; quick sketches and more detailed studies of the human form.
- 131, 132. Ceramics** 2 s.h. each  
Principles of clay modeling, constructing, glazing, decorating and firing: ceramic sculpture or pottery on a larger scale.
- 135, 136. Painting** 2 s.h. each  
Modern techniques in painting in watercolor, oil or gouache. Prerequisite: Art 7 or 8 or permission of the instructor.

## HUMANITIES

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- 139, 140. Laboratory in Drawing and Painting** 2-3 s.h. each  
Practice in preparatory sketches for paintings of naturalistic, conventionalized and abstract subjects.
- 141, 142. Sculpture** 3 s.h. each  
Experimentation in clay and plaster; study and understanding of good sculptural forms in the various media; special attention to wood sculpture.
- 150. Drawing for Reproduction** 3 s.h.  
Drawing and design for linoleum, wood cuts, wood engravings, etching and silk screen printing; experience in actual printing.
- 151, 152. History of Art** 3 s.h. each  
Understanding and appreciation of the fine arts as exemplified in the Greek and Roman cultures, the Middle Ages, the Renaissance, baroque and contemporary periods. Slide lectures, discussions and trips to Art Museums.
- 161, 162. Advanced Studio Problems** 2-3 s.h. each  
Individual study in the area of one's special interest: painting, sculpture, ceramics, etc. A major problem is undertaken and pursued throughout the term. Open only to seniors or special students interested in a major accomplishment in the creative arts.
- 171, 172. Seminar in the Arts** 2 s.h. each  
In the first semester, a thorough study of some major painters or sculptors. In the second, an investigation into Modern Art.

## ENGLISH

**Major:** 24 hours exclusive of 1 and 2, including 33, 34, 103, 104, 105, 106, 113, 123, and 152.

**Minor:** 15 hours exclusive of English 1 and 2.

- 1, 2. Rhetoric and Composition** 3 s.h. each  
Working principles of written expression of expository, descriptive and narrative forms; writing of research papers.  
Certain sections of English 1 and 2 meet five hours per week for three hours' credit; placement determined by test scores.



- 33, 34. Survey of British-American Literature** 3 s.h. each  
Readings in prose and poetry of the English and American literature from the beginnings to the present time. Historical, cultural and biographical facts provide background for the literary study of major works.
- 51. Children's Literature** 3 s.h.  
Characteristics of good literature for children; its place and method of presentation in the modern school.
- 102. Major American Writers** 3 s.h.  
Readings in American writers from the nineteenth century to the present time; special emphasis on writers like Hawthorne, Melville, Whitman, E. Dickinson, R. Frost, W. Faulkner, E. Hemingway, etc.  
Offered on request.
- 103, 104. Directed Reading** 2 s.h. each  
Critical analysis and evaluation of selected works of British and American writers. First semester: short story, novel, biography and essay; second semester: drama and poetry.
- 105, 106. Advanced Writing** 2 s.h. each  
Techniques of effective writing, informative and literary, coordinated with critical reading of selected works. Required of English majors and prospective teachers. Exemption determined by test scores.
- 113. Medieval Literature** 3 s.h.  
Readings in the literature of the Middle Ages with special emphasis on Chaucer as the chief exponent of the fourteenth-century life and literature. Some attention is given to linguistics.  
Offered in 1960-1961.
- 123. Drama—Shakespeare** 3 s.h.  
Origin and development of English drama with a critical investigation of Shakespeare's dramatic qualities in a few of his representative plays.
- 152. Senior Seminar** 2 s.h.  
Coordination and organization of the knowledge and experiences acquired in the various courses in English and American literature. Papers, discussions and critical analysis of literary works, poetic techniques and structures.

## HUMANITIES

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153. **Methods in English** 2 s.h.  
The principles of teaching applied to the field of English language and literature in secondary schools. (See Education 153.)  
Offered in 1959-1960.
163. **Romantic Literature** 2-3 s.h.  
Rise of romanticism in English literature and the reading and study of the works of the chief Romantic writers.  
Offered in 1959-1960.
164. **Victorian Literature** 2 s.h.  
Readings and critical analysis of the works of major writers and their reflection of and influence on the thought and spirit of their time.  
Offered in 1959-1960.
167. **Contemporary Literature** 2 s.h.  
Readings from contemporary British and American writers; some attention to European figures; social and intellectual backgrounds and the problems and methods of contemporary criticism.  
Offered in 1959-1960.
173. **The Novel** 3 s.h.  
History and technique of the novel; reading, critical analysis and discussions of selected novels of English, American and European authors.  
Offered in 1960-1961.
181. **Honors Course**  
Independent work. Permission of the department.

## FRENCH

**Minor:** 15 hours exclusive of 1, 2.

- 1, 2. **Elementary French** 3 s.h. each  
Fundamentals of French pronunciation, syntax and speech patterns; carefully controlled vocabulary of high-frequency words; oral and aural practice; simple written exercises; reading of practical and cultural material to stimulate conversation on a natural basis.

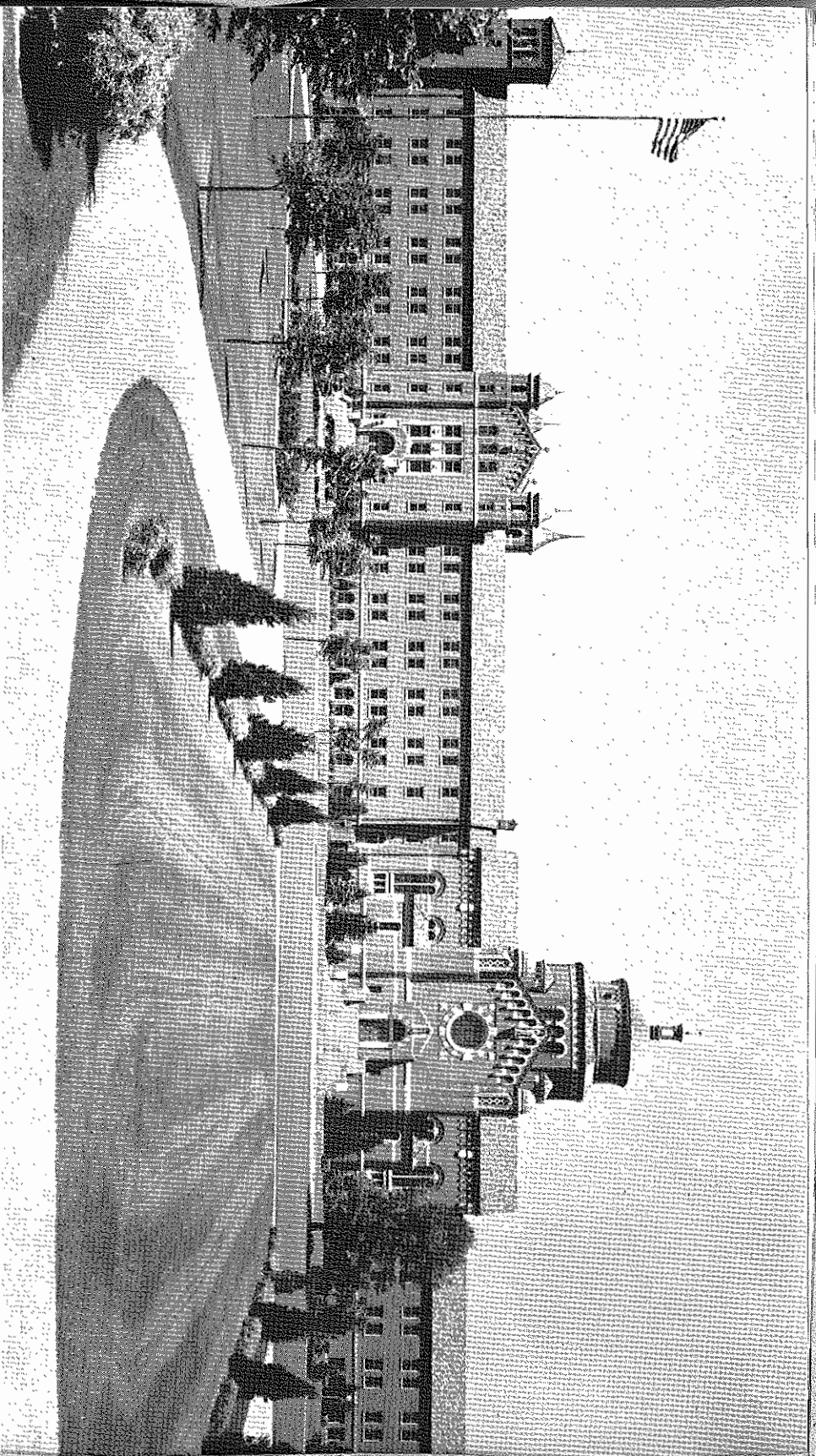
- 23, 24. Intermediate French** 3 s.h. each  
Review of grammatical principles; more oral and aural practice to improve the student's ability to use French; readings from standard French authors to serve as a point of departure for conversation and some written composition. Prerequisite: French 2.
- 103. French Civilization** 3 s.h.  
Historical, social and cultural background of France; the influence and contribution of French literature, art, music and thought to western civilization. Prerequisite: French 24.
- 107, 108. Survey of French Literature** 3 s.h. each  
The outstanding authors representing the chief periods of French literature from its beginnings to the present. Lectures, collateral readings, oral discussions and reports. Prerequisite: French 24.

## JOURNALISM

**Minor:** 15 hours, including 51 and 52.

- 51. Newspaper Reporting** 3 s.h.  
Organization of the modern newspaper; news values and news sources; structure of the news story; practical training in gathering and writing typical news reports. Lecture 2 hours, laboratory 2 hours.
- 52. Editing and Copyreading** 3 s.h.  
Principles of editing, headline writing, page make-up, use of pictures; elements of mechanical production of the newspaper; legal and ethical aspects; analysis of modern trends and techniques. Lecture 2 hours, laboratory 2 hours.
- 64. Advanced Reporting** 2 s.h.  
Advanced aspects of news writing: interpretative reporting, objectivity, popularization, publicity; ethical problems of reporting; application of principles in written news stories.
- 71. Newspaper Feature Writing** 2 s.h.  
Nature and structure of the newspaper feature article; newspaper feature markets; intensive writing of newspaper feature stories.





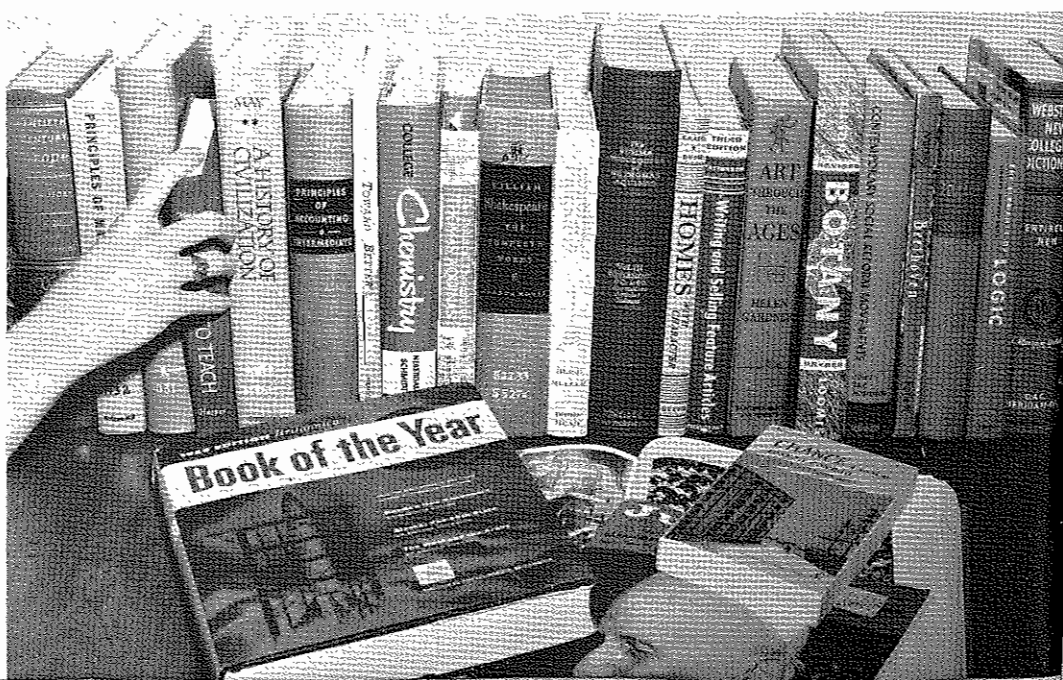
The Home of Madonna College, Livonia, Michigan





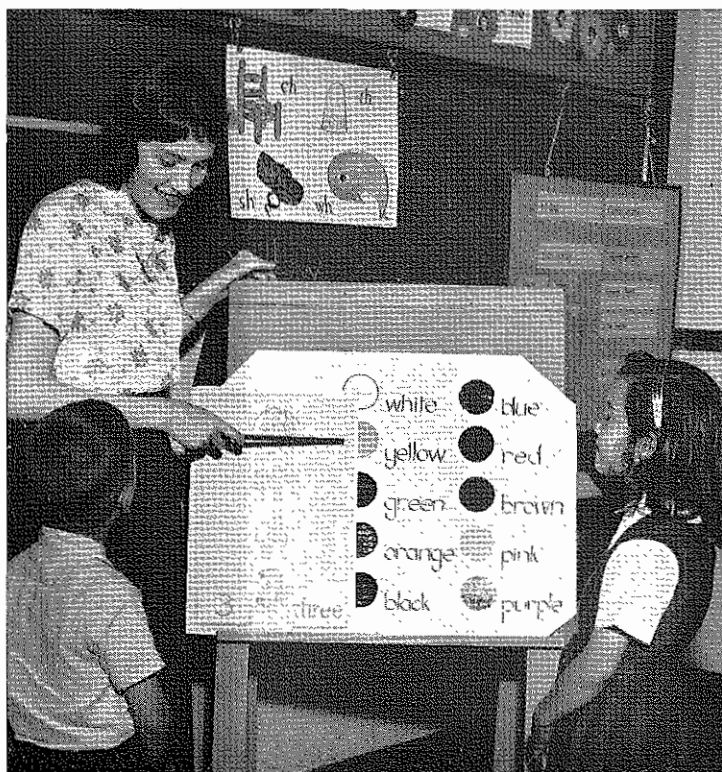
Wisdom  
from  
Above

Quest for Knowledge





Theology:  
Queen  
of the  
Sciences



And  
Gladly  
Teach



Under the  
Open Sky



Living Together



112. **Editorial Writing** 2-3 s.h.  
Nature, structure, and function of the editorial; study of Aristotle's *Rhetoric* and application of his means of persuasion to editorial writing; types of editorials and editorial articles; editorial page layout and contents; objectivity and morality of value judgments.
120. **History of Journalism** 2 s.h.  
Historical development of the press in the United States; a survey of American newspapers and newspapermen; current journalistic trends and practices as an outgrowth of the past.
140. **Advertising** 2 s.h.  
Basic principles and techniques of advertising in various media, with special emphasis on the news-press; economic, psychological, moral aspects of advertising; copywriting and layout practice.
150. **Magazine Article Writing** 2-3 s.h.  
Types of non-fiction articles for magazines; magazine markets; production of articles for publication.

## LATIN

**Minor:** 15 hours exclusive of 1, 2.

- 1, 2. **Elementary Latin** 3 s.h. each  
Elements of Latin grammar; easy reading and translation; reading selections from the Gallic Wars. Offered on request.
3. **Cicero and Composition** 3 s.h.  
Selected orations: *In Catilinam*, *Pro Lege Manili*, *In Verrem*; special uses of cases and moods; practice in composition. Prerequisites: 2 units of high school Latin. Offered as needed.
4. **Vergil** 3 s.h.  
Selections from *Aeneid*, Book 1 to 6; syntax of Latin poetry; metrical reading. Prerequisite: 3 units of high school Latin. Offered in 1959-1960.
- 11, 12. **Latin Writing** 3 s.h. each  
Grammatical principles and idiom of Latin language; practice and skill in writing by the study of the prose



selections from the representative Latin writers, e.g. Cicero, Seneca, Horace, Juvenal, Martial, Tacitus, Livy.

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

A reading of selected letters. A comparison of Cicero's and Pliny's style in the development of epistolary art. Collateral reading and reports on the letter as a form of literature in English.  
Offered in 1960-1961.

**153. Medieval Latin Literature 3 s.h.**

Selections from the authors of the Patristic Age to the Renaissance; comparison of the stylistic and linguistic features; attention given to the religious, political, and social aspects of the time.

## 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 Fuge 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; legato vocal habits.

**Theory and Music Education**

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

**Major in Music Education:** 30 hours including 11, 12, 25, 26, 47, 48, 101, 102, 103, 104, 111, 126.

**Minor:** 16 hours in applied music.

- 11, 12. Fundamentals of Musicianship** 3 s.h. each  
Aural, visual, and written approaches to musicianship; 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** 2 s.h.  
Survey providing preliminary aural experiences as a basis for intelligent listening and appreciation of various forms and styles of music literature; concepts, trends, events, and biographies.
- 47, 48. Music in the Elementary School** 2-3 s.h. each  
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**

Early systems of music; polyphony; the rise of opera and oratorio; development of instruments; classicism; romanticism; nationalism; contemporary composers and new tendencies.

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

Contrapuntal principles and practices from the techniques of the early centuries through Palestrina and Bach; canonic imitation; original writing in the easier contrapuntal forms.

**111. Form and Analysis 2 s.h.**

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 1959-1960.

**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 1959-1960.

**Ensemble****61. College Chorus 1 s.h.**

Actual performance and study of sacred and secular choral literature; development of a discriminatory taste in music through experience and mental attitude by actual participation and performance.



## 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.
- 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.
- 101. Types of Literature** 3 s.h.  
Representative works of Polish narrative and lyric poetry from the thirteenth to the twentieth centuries.
- 102. Types of Literature** 3 s.h.  
Representative works of Polish dramatists and prose fiction writers from the sixteenth to the twentieth centuries.
- 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.

## 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. Prerequisite: Spanish 2.
- 103. Hispanic Civilization** 3 s.h.  
Readings in Spanish on important aspects of the historical, social, religious, and cultural development of

## HUMANITIES

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Spain and of Spanish America as a basis for conversation. Prerequisite: Spanish 24.

- 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.

## SPEECH

**Minor:** 15 hours including 1, 51, 62, 111.

- 1. Fundamentals of Speech** 2 s.h.  
Development of voice and speech mechanism; practice in the application of correct habits in speaking and reading.
- 51. Parliamentary Practice** 1 s.h.  
Parliamentary procedures; organization of assemblies, committees, constitutions, conducting of meetings.
- 53. Oral Interpretation** 2 s.h.  
Basic principles involved in interpreting the printed page aloud; reading of selections from prose, poetry and drama with intellectual and emotional understanding of the materials.
- 62. Public Speaking and Discussion** 3 s.h.  
Principles and techniques involved in the preparation and delivery of various types of speeches—informative, persuasive, occasional, etc.; techniques of leading and participating in group discussions, debates, panels, symposia, etc.; study of Aristotle's *Rhetoric*.
- 71. Radio and Television** 2 s.h.  
Skills necessary for radio and television work; microphone and camera problems; basic techniques of radio acting, continuity writing and announcing.
- 103. Writing for Radio and Television** 2 s.h.  
Analysis of current radio and television programs of various types; editing scripts, writing and direction and recording programs. Prerequisite: Speech 71.

107. **Acting** 2 s.h.  
Basic techniques of acting; pantomime, improvisation; class demonstration of one-act plays. Lecture 1 hour, laboratory 2 hours.
108. **Advanced Acting** 2 s.h.  
Dramatic presentation, analysis and interpretation of roles of the character in relation to the play as a whole, the mood, tempo and plot; interpretation of the intellectual and emotional elements of the play through the medium of voice and action; presentation of a play. Lecture 1 hour, laboratory 2 hours. Prerequisite: Speech 107.
111. **Phonetics** 2 s.h.  
Speech patterns, analytical study of the sound of English, English intonation, dialects and accent trends; some attention to history and development of English language.
116. **Children's Theatre** 3 s.h.  
Dramatization of children's poems and plays with consideration of the basic problems of selecting, casting, rehearsing and directing. Lecture 2 hours, laboratory 2 hours.

### **DIVISION OF NATURAL SCIENCES AND MATHEMATICS**

In an endeavor to impart a liberal training in complete harmony with the general aims of Madonna College, instruction in the Division of Natural Sciences and Mathematics is designed to fulfill the following specific objectives:

1. To awaken intellectual curiosity and to form habits of logical analysis, sound judgment, and critical thinking.
2. To maintain scientific discipline while fostering an appreciation of the role of scientific knowledge in a true culture and an awareness of God's design in the universe.



3. To inculcate habits of initiative, industry, objectivity, accuracy in technique and in oral and written expression.
4. To lay the foundation and give the perspective necessary for the pursuit of advanced study in natural sciences and/or for professional work best suited to the abilities and womanly qualities of the student.

## DIVISIONAL COURSES

1. **Principles of Biological Sciences ...** 3 s.h.  
Biological principles and their human implications for the non-science majors. Lectures, demonstrations.
2. **Principles of Physical Sciences** 3 s.h.  
An introductory lecture-demonstration course in the fundamental principles of physics, chemistry, and some astronomy designed to give the non-science major an understanding, appreciation, and interest in science. Lectures, demonstrations.
171. **Coordinating Seminar in Natural Sciences and Mathematics** 1 s.h.  
Integration and correlation of the various phases of physical sciences and mathematics. Preparation and presentation of research papers, discussion and critical analyses. Required of all science and mathematics majors. Offered in alternate years and open to juniors and seniors.

## BIOLOGY

**Major:** 30 hours including Bio. 1, 2, 101, and 156 and other advanced courses approved by the department. Requisites from other fields: Chem. 30, 31, and one year of Mathematics.

**Minor:** 18 hours including Bio. 1 and 2.

1. **General Botany** 4 s.h.  
Fundamental biological principles with emphasis on plant life. Lecture 2 hours, laboratory 4 hours.

2. **General Zoology** 3 s.h.  
Fundamental biological principles with emphasis on animal life. Lecture 1 hour, laboratory 4 hours.
51. **Genetics** 2 s.h.  
Fundamental laws and theories of heredity in plants, animals and man. Lecture 2 hours.
101. **Comparative Anatomy of Vertebrates** 4 s.h.  
A comparative study of the structure of the vertebrates; detailed dissection of representative forms. Lecture 2 hours, laboratory 4 hours.
126. **Bacteriology** 4 s.h.  
Morphology and physiology of bacteria; bacteriological methods and techniques. Lecture 2 hours, laboratory 4 hours. Prerequisite: Chem. 30, 31.
129. **Parasitology** 3 s.h.  
Introduction to the study of animal parasites and their relation to human diseases. Lecture 2 hours, laboratory 2 hours.
131. **Histology and Microtechnique** 5 s.h.  
Fundamental tissues and organs of the human body; laboratory techniques of preparing normal tissues for microscopic study. Lecture 2 hours, laboratory 6 hours.
141. **Embryology** 3 s.h.  
Fundamentals of vertebrate development with special reference to the chick. Lecture 2 hours, laboratory 2 hours.
156. **General Physiology** 4 s.h.  
General principles of physiology and the mechanisms underlying the physiological processes. Lecture 2 hours, laboratory 4 hours. Prerequisite: Chem. 30 and 31.
162. **Methods in Biological Science** 2 s.h.  
Required of all students who wish to teach biology.
163. **Biochemistry** 5 s.h.  
(See Chemistry 163)

## CHEMISTRY

**Major:** 30 hours including 30, 31, 52, 103, 104 or 160, 153, 154, 171.

**Minor:** 18 hours including 30, 31, 52, 103.

**30, 31. General Inorganic Chemistry** 3 s.h. each

Fundamental chemical principles and their applications with emphasis on modern concepts of atomic and molecular structure. Lecture 2 hours, laboratory 2 hours. Prerequisite or corequisite for Chemistry majors and minors: one year of college mathematics.

**52. Qualitative and Quantitative Analysis** 6 s.h.

The theories and techniques of analytical chemistry; applications of the principles of ionization theory, mass action law, and chemical equilibria; semimicro separation and identification of common cations and a few anions; special emphasis on basic techniques of volumetric, gravimetric, and instrumental procedures of quantitative determinations. Lecture 3 hours, laboratory 6 hours.

**103. General Organic Chemistry** 6 s.h.

The carbon compounds; their classification, structure, properties, and uses. The laboratory work includes the preparation of typical organic compounds and a study of their reactions. Lecture 3 hours, laboratory 6 hours. Prerequisite: Chemistry 30, 31.

**104. Organic Chemistry** 3 s.h.

More extensive study of aromatic compounds; introductory study of heterocyclic compounds; practical experience in the important synthetic methods and the qualitative identification of the common functional groups and their compounds. Lecture 1 hour, laboratory 4 hours.

Offered in alternate years.

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

A study of the laws of gases, liquids and solutions; chemical equilibrium, electro- and thermochemistry; chemical kinetics and surface phenomena. Lecture 2 hours, laboratory 4 hours. Prerequisite: Mathematics 51, 52; Physics 1, 2.

Offered in alternate years.



- 160. Advanced Topics in Chemistry** 3 s.h.  
Modern concepts and recent advances in chemistry: electronic theories of organic chemistry, bonding, radioactivity, resonance, coordination compounds, theories of inorganic reactions, atomic and molecular structure, etc. Lectures, conferences, research and the reading of chemical journals.
- 163. Biochemistry** 5 s.h.  
Qualitative and quantitative study of the chemical principles as applied to physiological processes. Lecture 3 hours, laboratory 4 hours. Prerequisite: Biology 1, 2; Chemistry 52, 103.  
Offered in alternate years.

### MATHEMATICS

**Major:** 24 hours.

**Minor:** 16 hours.

- 3, 4. Basic Mathematics** 3 s.h. each  
For students entering with less than three units of high school mathematics; do not count toward a major or minor in mathematics.
- 5, 6. Integrated Algebra and Trigonometry** 3 s.h. each  
Topics in college algebra and trigonometry most useful for the integrated course in analytic geometry and calculus.
- 51, 52. Calculus with Analytic Geometry** 4 s.h. each  
Elements of plane geometry through the conics, coordinate systems, transformation of coordinates; differentiation and integration of algebraic, logarithmic, exponential, and trigonometric functions with applications.
- 61, 62. Calculus, Differential and Integral** 3 s.h. each  
Fundamental concepts of differentiation with applications; standard forms of integration, definite integrals with applications. For students who had a separate course in analytic geometry.
- 105. Introduction to Higher Algebra** 3 s.h.  
Algebraic systems of modern mathematics; integers, rational, real, and complex numbers; congruences; ele-

mentary properties of groups, rings, integral domains, fields; vectors, matrices, and determinants.

- 106. **Elementary Analysis** 3 s.h.  
Limits, infinite series, expansion of functions, partial differentiation, multiple integrals, hyperbolic functions.
- 131. **History of Mathematics** 2 s.h.  
Development of mathematical concepts and contributions of leading mathematicians.
- 135. **Probability and Statistical Inference** 2 s.h.  
The theory and method of teaching probability and statistics in senior high school.
- 143. **Differential Equations** 2 s.h.  
Ordinary differential equations of first and second order with applications to geometry, physics, and chemistry.
- 145. **College Geometry** 2 s.h.  
An introduction to geometry developed since the time of Euclid; for teachers.
- 159. **Methods in Mathematics** 2 s.h.  
Objectives, trends, content, methods, and evaluation of teaching of mathematics.

### MEDICAL TECHNOLOGY

The curriculum in Medical Technology leads to the Bachelor of Science degree and is designed to meet the requirements for certification by the Registry for Medical Technologists of the American Association of Clinical Pathologists. Upon successful completion of this curriculum the student qualifies for work in a hospital laboratory, a physician's office, or a medical research institution.

The student in Medical Technology in the first three academic years takes a minimum of 98 semester hours in a recommended program at the College;

in the fourth year, she serves a twelve-month period of internship at a hospital approved by the Registry of Medical Technologists.

The degree of Bachelor of Science is conferred upon the satisfactory completion of all course requirements and clinical experience.

### PHYSICS

- 1, 2. General Physics** **4 s.h. each**  
Fundamental principles of mechanics, heat, magnetism, electricity, sound, and light. Lecture 2 hours, laboratory 4 hours.  
Offered in 1959-1960

### PHYSICAL EDUCATION AND HEALTH

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.

- 25. 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.  
Offered in 1959-1960.
- 31. Physiology and Hygiene** **2 s.h.**  
Fundamental principles of anatomy and physiology of the human body.
- 43. First Aid** **2 s.h.**  
A knowledge of first aid for injuries in the home, school and community.



### THE DIVISION OF SOCIAL STUDIES

The Division of Social Studies is organized to achieve the following specific goals of the liberal arts program of the college:

1. To give that knowledge of social sciences which is most desirable for intelligent citizenship.
2. To lead the student to a better understanding of the present in the light of the forces which have made it.
3. To develop a correct understanding of the student's relationship to her fellowmen.
4. To train the student in the critical use of sources.
5. To prepare students to teach in the areas of Social Studies and for social service, business and the important profession of home-making.

### BUSINESS

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

- 11, 12. Typewriting** **2 s.h. each**  
Keyboard control; typewriting technique; acceleration and skill practice; development of accuracy; centering, tabulation, and letter writing. Four hours a week each semester; without credit toward the degree. Offered on request.
- 13, 14. Stenography** **2 s.h. each**  
Fundamental principles and theory of Gregg Shorthand. Offered on request.
- 17. Advanced Typewriting** **2 s.h.**  
Speed practice, figure tabulation, stenciling, mimeographing, various styles of business letters, manuscript and legal forms. Prerequisites: Bus. 11 or 12.

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

Theory of office management combined with office practices and techniques; management and organization of the office; functional office layout and equipment; office personnel: selection, training, and supervision; automation in the office, organizing and controlling office services; executive control of office work; filing, business correspondence, and office machines. Offered in 1959-1960.

**55, 56. Accounting 3 s.h. each**

Fundamental principles of accounting as applied to sole proprietorships, partnerships, and corporations: the accounting cycle, working papers, financial statements, controlling accounts, subsidiary ledgers, basic partnership problems and principles of corporation accounting.

**105. Principles of Marketing 3 s.h.**

Evolution and nature of modern marketing methods, selection and use of wholesale and retail channels of distribution; problems of the consumer; marketing functions, policies, costs, and government relationship. Offered in 1959-1960.

**137. Business Law 3 s.h.**

Law in relation to business contracts, negotiable instruments, sales, agencies, partnerships, corporations, and bailments. Offered in 1959-1960.

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

Development of speed in taking and transcribing shorthand notes, with special emphasis on accuracy. Prerequisites: Bus. 13, 14.

## ECONOMICS

**50. Principles of Economics 3 s.h.**

Economics: its nature and problems, production, income, consumption, price determination, distribution of national income, money, credit and banking, government finance, domestic economic problems, international economic problems, comparative economic systems.

- 151. Economic History of the United States** 3 s.h.  
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.  
Basic principles of modern geography; elements of meteorology; climate; resources; the interaction of environment and man in various regions of the world.

### HISTORY

**Major:** 24 hours including 1, 2, 31, 32, and 12 hours in upper division courses.

**Minor:** 18 hours including 1, 2, 31, 32, and 6 hours in upper division courses.

- 1, 2. Western Civilization** 3 s.h. each  
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  
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.  
Political, economic and social survey of England from the twelfth to the twentieth century.  
Offered in 1959-1960.
- 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; 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.
157. **Methods in Social Studies** 2 s.h.  
(See Education 157.)
161. **History of Latin America** 3 s.h.  
Colonial period, the struggle for independence, the rise of nations, with special stress on the present relations with the United States.  
Offered in 1959-1960.
164. **The Far East** 3 s.h.  
Cultural, economic and political history of the Far East, with emphasis on the nationalist movements and international policies of the great powers in this area.  
Offered in 1959-1960.
165. **History of Russia** 3 s.h.  
Cultural and political history of early and modern Russia with emphasis on contributions of the Romanovs, especially of Peter the Great and Catherine the Great in the westernization of modern Russia; 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.

## 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.  
The construction, finish, sources, characteristics, identification, and uses of textile fibers. Lecture 2 hours, laboratory 2 hours.  
Offered in 1959-1960.
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.
- 101, 102. **Nutrition and Dietetics** 2 s.h. each  
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 1960-1961.
106. **Child Growth and Development ...** 3 s.h.  
(See Sociology 106.)
121. **Meal Service** 3 s.h.  
Planning, preparation, and service of meals for various occasions with special reference to selection and to cost. Lecture 2 hours, laboratory 2 hours.  
Offered in 1960-1961.
127. **Home Management** 2 s.h.  
Problems of home management; personal and family budgets, time and energy management, problems of the consumer.

133. **The Family** 3 s.h.  
(See Sociology 133.)
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 1960-1961.
155. **Historic Costume** 3 s.h.  
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 history of period furniture; standards of good taste in the selection and arrangement of home furnishings.  
Offered in 1960-1961.

## POLITICAL SCIENCE

51. **American Government** 3 s.h.  
Fundamental principles of American democracy; structure, organization, and function of the national government.
101. **International Relations** 3 s.h.  
Contemporary international politics; nationalism; imperialism; foreign policies of the major powers.  
Offered on request.

## 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.  
Foundations and principles of sociology; social order, social control, social institutions, social life.
106. **Child Growth and Development** ... 3 s.h.  
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.  
General problems of social and physical disorganization including poverty and unemployment, crime, and delinquency, race relations, population.  
Offered in 1959-1960.
133. **The Family** 3 s.h.  
Origin, nature and purpose of the family; effect of secularism upon modern family; the focal point of woman in the family.  
Offered in 1959-1960.
136. **Child Welfare** 2 s.h.  
Historical background of child welfare and modern child welfare problems.  
Offered in 1960-1961.
137. **Social Psychology** 3 s.h.  
Problems of social behavior; social aspects of personality in group living.  
Offered in 1959-1960.
141. **Mental Health** 3 s.h.  
(See Education 141.)  
Offered in 1959-1960.
145. **The Social Encyclicals** 3 s.h.  
The encyclical letters of Popes Leo XIII, Pius XI, and Pius XII.  
Offered in 1960-1961.
146. **Contemporary Social Movements** 2-3 s.h.  
Contemporary economic, religious, and political movements with reference to their impact on social life.
152. **The History of Social Thought** 3 s.h.  
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.  
Principles and procedures of social work, especially for those who plan as a vocation some aspect of social work; classroom work supplemented by 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.
- 176. Workshop in Major Problems of Social Control in Education** 4 s.h.  
(See Education 176)

### THE DIVISION OF TEACHER EDUCATION

In terms of more specific objectives, the Division of Teacher Education aims to realize the following purposes:

1. To help the student integrate her liberal education and professional competence in such a way as to develop an effective teacher who has:
  - a. an understanding of the principles governing human growth and development with implications for teaching
  - b. a knowledge of the principles of learning and the scientific method of teaching
  - c. an understanding of children in the light of true Christian philosophy
  - d. an understanding of the problems, responsibilities and privileges of the teaching profession
2. To develop individuals possessing a functional knowledge of and competence in the subject areas they are to teach.

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 school curriculum, fifteen semester hours of credit must be earned from the following courses: Art 47, 101; Education 101, 106, 124, 141, 172; English 51; Geography 1; Health 31; Music 47, 48; Physical Education 43, 45; Speech 1, 111, 116.

A minor in Human Growth and Development must include fifteen semester hours of credit from the following courses: Art 151; Biology 51, 156; Education 101, 106, 107, 141; English 51; Health 31; Humanities 1, 2; Sociology 121 or 146, 133, 145.



## EDUCATION

- 101. Principles of Psychology** 3 s.h.  
Facts and principles relating to human mentality and behavior; receptive, responsive and integrative aspects of human behavior with a view of understanding human nature; 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.  
(See Sociology 106.)
- 107. Psychology of the Adolescent** 3 s.h.  
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.  
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.  
Basic psychological principles involved in the process of learning, the conduct of the learner, and 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.  
Behavior and personality; conflicts; adjustments; wholesome habits of living; influence of physical, intellectual, emotional and moral factors upon mental health.  
Offered in 1959-1960.
147. **School Library Organization and Administration** 3 s.h.  
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 1959-1960.
148. **Reference Work** 3 s.h.  
Theory and techniques of general reference tools, practices 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.  
Principles and policies for selecting and evaluating books, pamphlets, periodicals, and other materials needed to enrich the school curriculum. Techniques and practices 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.

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

Special methods in the subject-matter field in which the student expects to teach are required of all students who wish to teach or to secure the professional certificate.

Offered as needed.

**153. Methods in English**

**157. Methods in Social Studies**

**159. Methods in Mathematics**

**160. Methods in Art**

**161. Methods in Physical Science**

**162. 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.

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

Offered on request.

**175. Workshop in Reading and Listening** 2 s.h.

Mechanics of reading; reading skills; improvement of comprehension; selection and evaluation of books for children; appraisal of reading efficiency; development of the listening skills and application to other areas; lectures, demonstrations, discussions, conferences, audio-visual aids.



**176. Workshop in Major Problems of Social Control in Education 4 s.h.**

Basic processes, methods and their application to social problems; accent on youth as an individual, his relationship to the family, to his fellow citizens and to the community; assigned readings; discussions; panels; lectures by prominent speakers, consultants and specialists in education and human relations; field trips and visual aids; active participation of members in applying their skills to concrete situations.

**STUDENT EXPENSES**

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

	For the year
Matriculation fee ..... (at entrance only—not refundable)	\$10.00
Tuition .....	250.00
Tuition per semester hour (part-time students) ...	9.00
Board and room .....	500.00
General fee .....	25.00
Graduation fee (at graduation only) .....	15.00

**Special Tuition**

Laboratory fees, each course	
Biology .....	\$5.00-10.00
Chemistry .....	5.00-10.00
Home Economics .....	5.00-10.00
Journalism .....	5.00
Physics .....	5.00
Use of typewriter, business machines ..... each course	5.00
Music: Piano, Voice (1 lesson a week) ..... per semester	45.00
Art fee .....	varies with course
Radio, per semester .....	3.00
Recording fee (non-matriculated students) .....	1.00
Directed Teaching .....	40.00
Room deposit .....	10.00
(not refunded if canceled after July 1)	
Removal of grades I and X .....	2.00
Special examination .....	2.00
Late registration .....	5.00
Transcript of credits (after the first) .....	1.00
Student Insurance (optional) .....	15.00

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

### **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 a 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.

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