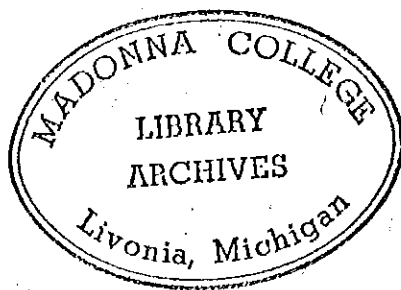


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Madonna College



Bulletin

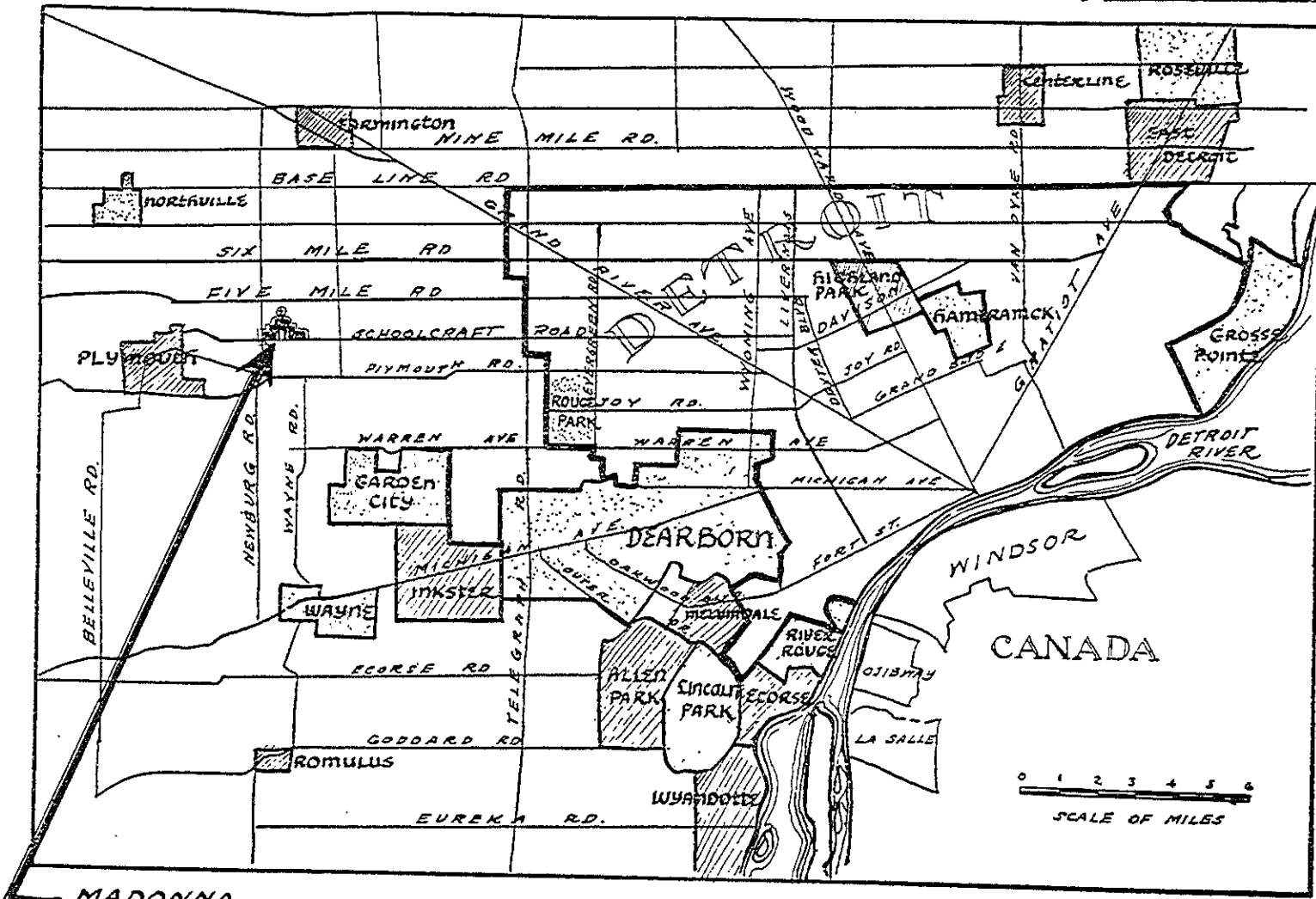
1961 - 1963

Livonia, Michigan

OFFICE OF THE REGISTRAR
RECEIVED

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MADONNA COLLEGE
LIVONIA, 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 Felician Sisters

Bulletin Vol. XVII

1961-1963

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 for elementary and secondary certification

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
The National Education Association
Higher Education Association
The American Association of Colleges for Teacher Education
Association of American Colleges
National Commission on Accrediting

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CALENDAR

1961

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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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3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
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1962

JANUARY							FEBRUARY							MARCH							APRIL						
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SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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30																					30	31					

1963

JANUARY							FEBRUARY							MARCH							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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26	27	28	29	30	31		15	16	17	18	19	20	21	21	22	23	24	25	26	27	18	19	20	21	22	23	24
							22	23	24	25	26	27	28	28	29	30	31				25	26	27	28	29	30	31
							30																				

ACADEMIC CALENDAR

ACADEMIC CALENDAR

First Semester

1961-1962		1962-1963
September 18,	19 Freshman Days	September 17, 18
	20 Mass of the Holy Spirit ..	19
	20 Registration	19
	21 Classes begin	20
October	4 Feast of St. Francis	
	of Assisi	October 4
November	1 Feast of all Saints	November 1
	9-15 Mid-semester examinations	8-14
	23-24 Thanksgiving recess	22-23
December	8 Feast of the Immaculate	
	Conception	December 8
	20 Christmas recess begins	
	after last class	19
January	4 Classes resume	January 3
	18 Semester examinations	
	begin	17

Second Semester

January	26 Registration	January 25
	29-31 Students' Retreat	28-30
February	5 Classes begin	February 4
March 29-Apr.	4 Mid-semester examinations	March 28-Apr. 3
April	14 Graduate Record	
	Examination	April 6
	18 Easter recess begins	10
	30 Classes resume	22
May	24 Final examinations begin	May 22
	30 Memorial Day	30
	31 Feast of the Ascension ...	23
June	3 Baccalaureate and	
	Commencement	
	Exercises	June 2

Summer Session

1961		1962
June	19 Registration	June 23
	20 Mass of the Holy Spirit ..	25
	20 Classes begin	25
July	28-31 Examinations	August 2-3

BOARD OF TRUSTEES

Mother Mary Laudine, M.A.	President
Sister Mary Dominic, M.Ed.	Vice-President
Sister Mary Aurelia, M.A.	Secretary
Sister Mary Theresilla, M.A.	
Sister Mary Hugolina, Ph.D.	
Sister Mary Pachomia, B.S.	Treasurer

ADVISORY BOARD

Lawrence W. Gaffney, Chairman	
Harry G. Bell	James B. McCoy
Lewis Brooke	Marshall F. North
Earl J. Demel	Harry T. O'Connor
Walter F. Finan	Amalia Pasternacki
Ralph S. Hatt	Oscar P. Rosbolt, M.D.
Wandelyn G. Hiltunen	George Rovin, D.D.Sc.
Russell L. Isbister	Hon. Benjamin Stanczyk
Joseph J. Jablonski, D.D.Sc.	Charles Vansen
King Kearns	Benton Yates
W. W. Edgar, Honorary Member	

OFFICERS OF ADMINISTRATION

Sister Mary Raynela, Ph.D.	President
Sister Mary Martina, Ph.D.	Dean
Sister Mary Remigia, M.A.	Registrar
Sister Mary Bridget, M.Ed.	Dean of Students
Sister Mary Harold, M.A.	Business Manager

LIBRARY SERVICE

Sister Mary Petronia, M.A., B.A.L.S.	Librarian
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HEALTH SERVICE

Dr. R. R. Barber, M.D.	Consulting Physician
Sister Mary Calasantia, M.S.	Consulting Nurse
Sister Mary Walburga, R.N., B.S.	Resident Nurse

FACULTY COMMITTEES

ON ADMISSIONS AND SCHOLARSHIPS	The Registrar, the Dean, and a Faculty Member
ON CURRICULUM AND EDUCATIONAL POLICY	The Dean, the Registrar, and the Divisional Chairmen
ON LIBRARY	The Librarian, the Dean, and the Divisional Chairmen
ON CAMPUS LIFE	The Dean of Students, Resident Supervisors, and Student Representatives
The President is, ex-officio, member of all committees.	

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

Sister Mary Bernetta, M.A.	Theology
Reverend Leon O. Kennedy, S.T.D.	Philosophy, Theology
Reverend Joseph Rybinski, S.T.D.	Theology

THE DIVISION OF THE HUMANITIES

Sister Mary Aloysius, M.F.A.	Art
Sister Mary Angeline, Ph.D.	Art
Sister Mary Armela, M.A.	English
Sister Mary Damascene, Ph.D.	English
Sister Mary Harold, M.A.	Journalism
Sister Mary Hugolina, Ph.D.	French, Spanish
Sister Mary Yolanda, M.A.	Latin, Polish
Lee O'Connell, M.A.	English, Speech
Sister Mary Paulette, M.M.	Music
Sister Mary Pontia, M. Mus. Ed.	Music
Sister Mary Raynela, Ph.D.	English
Sister Mary Tullia, M.A.	Journalism

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 Amadeus, M.B.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 Dosithea, M.A.	Home Economics
Sister Mary Edigna, M.A.	History
Reverend Paul J. Hickey, 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 modern instruments.

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 36,500 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 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 plus or better is required where C is the grade above the lowest passing grade, and a relative standing in the upper half of her graduating class.

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.

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 and placement is administered to the Freshmen. Lectures are given by the administration, faculty members, and

upperclassmen, 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 30 credits and 60 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 3.5 or better during a semester merit a place on the Dean's List. Second honors are awarded to students who average 3.25-3.4. To be eligible for either List, a student must have carried at least 15 hours for the semester.

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 3.5; **Magna Cum Laude** to those who maintain an average of 3.7; and **Summa Cum Laude** to those who maintain an average of 3.9. 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/or the Graduate Record 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 16 semester hours
	Philosophy 12 semester hours
Division II	The Humanities
	English 12 semester hours (Rhetoric and Composition, and Literature)
	Speech 2 semester hours
	**Foreign Language .. 12 semester hours
	Humanities 4 semester hours
Division III	Natural Sciences and Mathematics
	Math. or Science ... 6-8 semester hours
Division IV***	Social Studies
	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 electives 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; also students in the teacher education curriculum who major in natural science.

***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 30 semester hours or a group major of 36 semester hours and a minor of at least 20 semester hours or a group minor of 24 semester hours. 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 and Sociology. With the exception of Medical Technology, minors are offered in the above and in Business, Education, French, Journalism, Latin, Polish, 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 re-appointment 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 high scholastic average and to give evidence of leadership and of exemplary 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 and classroom building.

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.
- 55, 56. **Sacred Scripture** 2 s.h. each
Old and New Testaments. Study of the sacred text as a historical document, dogmatic source and moral guide. Selected readings of the Bible, encyclicals on Holy Scripture and modern approaches to biblical studies.
63. **Sacred Liturgy** 2 s.h.
Nature and history of liturgy with special emphasis on its significance for Christian living. The Eucharist as Sacrament and Sacrifice. The concept of social worship and its place in Christian life. The meaning and beauty of liturgical services. The Divine Office. The role of music in liturgy.
- 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. Majors and minors in Art do not take Hum. 1. Majors and minors in Music do not take Hum. 2.

ART

Major: 30 hours including 7 or 8, 88, 151, 152.
Minor: 20 hours including 7 or 8, 25 or 47, 151, 152.

7. 8. **Drawing and Composition** 2 s.h. each
 Shapes of objects, perspective, composition and modeling in some media: graphite, charcoal, ink, pastolls, 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.
64. **Water Color** 3 s.h.
 Various techniques of water color. Special attention given to color and composition. Prerequisite: Art 7 or 8 or permission of the instructor.
88. **Life Drawing and Composition** 2 s.h.
 Special emphasis on the study of the human figure in action, rapid and extended poses; use of varied drawing media. Prerequisite: Art 7 or 8 or permission of the instructor.
98. **Beginning Oil Painting** 2 s.h.
 Introduction to oil painting as a medium of expression; special emphasis on the modern approach to painting and color. Prerequisite: Art 7 or 8 or permission of the instructor.
- 101, 102. **Art Education in the Elementary and the Secondary Schools** 3 s.h. each
 Color, design, techniques and procedures for teaching of creative art; experimentation with various media on the level of one's interest. Lecture 1 hour, studio 4 hours. Not open to art majors.
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.
115. **Art Orientation Through the Crafts** 2-3 s.h.
 Fundamentals and experimentation with the media, tools and techniques in some or all of the following: leather, weaving, copper and mosaic.
- 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.
- 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.
- 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
Discussions of topics pertinent to the interest of the students; a thorough study of some artist, philosophy, etc.

ENGLISH

Major: 30 hours including 1, 2, 31, 32, 102, 103, 104, 105, 152.

Minor: 20 hours including 1, 2, 31, 32, 103, 104, 105.

- 1, 2. **Rhetoric and Composition** 3 s.h. each
Training and practice in comprehension and written expression; emphasis on correctness and clarity. Classroom work consists of study of rhetorical principles, discussion of themes assigned for practice, and critical reading of selected works. Students exempt from the the course on basis of test scores will take English 105, 106.

- 31, 32. **Survey of English Literature** 3 s.h. each
Major prose and poetry from Anglo-Saxon times to the twentieth century; the work is designed to give the student a clear concept of the characteristics of each epoch and to develop in her an appreciation of the fundamental qualities of good literature.
102. **Major American Writers** 3 s.h.
Major writers of each period in the current of American letters; emphasis both historical and literary with close scrutiny of trends in American intellectual thought. Offered in 1962-1963.
- 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 1962-1963.
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. Offered in 1962-1963.
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.
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 1961-1962.

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 1962-1963.
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 1961-1962.
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 1961-1962.
181. **Honors Course**
Independent work. Permission of the department.

FRENCH

Minor: 20 hours.

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: 20 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.
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 content; objectivity and morality of value judgments.
140. **Advertising** 3 s.h.
Basic principles and techniques of advertising, copywriting and layout; psychological and moral aspects of advertising. Offered in 1961-1962.
145. **School Publications** 2-3 s.h.
Purpose, content, and layout of school newspapers, yearbooks, and magazines; staff organization and direction; business management. Offered in 1962-1963.
150. **Magazine Article Writing** 3 s.h.
Types of non-fiction articles for magazines; magazine markets; production of articles for publication.

161. **Public Opinion and Propaganda** 3 s.h.
 Nature of public opinion and propaganda; measurement of public opinion; various factors influencing public opinion; propaganda techniques; means of offsetting fallacious emotional appeals and arguments. Offered in 1962-1963.

LATIN

Minor: 20 hours.

- 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 Manila, In Verrem; special uses of cases and moods; practice in composition. Prerequisites: 2 units of high school Latin. Offered in 1961-1962.
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 1961-1962.
- 11, 12. **Latin Writing** 2-3 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.
41. **Horace** 3 s.h.
 Odes and Epodes. Reading and interpretation; Latin adaptation of Greek lyric forms; the literary influence of Horace. Offered in 1962-1963.
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 1961-1962.
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

Minor: 20 hours.

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 Fuge; 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.

Organ

- 15, 16. Organ 2 s.h. each
Manual and pedal exercises as found in Stainer's "The Organ" or Dickinson's "Technique and Art of Organ Playing"; hymn-tunes and chorales for one and two manuals, with or without pedal; some familiarity with fundamental tone-colors; Bach, selections from the Liturgical Year Organ Chorales, Bach, Andante, Stamitz, and compositions of similar grade.
- 35, 36. Organ 2 s.h. each
Guilmant Sonatas No. I and No. III, slow movements; Mendelssohn Sonata II, four of the Eight Short Preludes and Fugues, Bach; selections from the Liturgical Year Organ Chorales, Bach; Andante, Stamitz, and compositions of similar grade.

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

Major in Music Education: 30 hours including 11, 12, 25, 43, 47, 48, 65, 101, 102, 103, 104, 107 or 133-134, 111, 126.

Minor: 20 hours including 1 or 11, 43, 65, 101, 47-48 or 102 and 111; 8 hours of applied music.

1. Basic Theory 3 s.h.
Development of visual, aural, and tactual basic knowledge of the melodic, rhythmic and harmonic elements of music; the staff, clefs, notation, scales, intervals, and correct use of the singing voice; vocal and instrumental activities. Recommended for non-music majors; required of Sister students.
- 11, 12. Fundamentals of Musicianship 2 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. Lecture 2 hours, laboratory 1 hour.
25. Dictation and Ear Training 3 s.h.
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 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, modulations, non-harmonic tones, melodic figuration; practical work at the keyboard.

103, 104. History of Music 2, 3 s.h.

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.

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 1962-1963.

133, 134. Instrumental Techniques 1 s.h. each

Group study of the techniques of the various instruments in the orchestra.

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: 20 hours.

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

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

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

Study of grammar and syntax; composition and conversation; reading of selections 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: 20 hours

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

Pronunciation, practice in understanding, speaking, reading, and writing simple Spanish; fundamentals of Spanish grammar.

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 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: 20 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. Offered in 1961-1962.
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. Offered in 1961-1962.
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. Offered in 1962-1963.
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. Offered in 1961-1962.
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. Offered in 1962-1963.

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 Physical Sciences** 3 s.h.
A 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.
2. **Principles of Biological Sciences** 3 s.h.
Biological principles and their human implications for the non-science majors. 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. Prerequisites from other fields: Chem. 30, 31, and one year of Mathematics.

Minor: 20 hours including Bio. 1, 2, 101.

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

2. **General Zoology** 4 s.h.
Fundamental biological principles with emphasis on animal life. Lecture 2 hours, laboratory 4 hours.
51. **Genetics** 3 s.h.
Fundamental laws and theories of heredity in plants, animals and man. Lecture 2 hours, laboratory 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. Offered in 1961-1962.
129. **Parasitology** 3 s.h.
Introduction to the study of animal parasites and their relation to human diseases. Lecture 2 hours, laboratory 2 hours. Offered in 1962-1963.
131. **Histology** 4 s.h.
Fundamental tissues and organs of the human body. Lecture 2 hours, laboratory 4 hours. Offered in 1961-1962.
141. **Embryology** 4 s.h.
Fundamentals of vertebrate development with special reference to the chick. Lecture 2 hours, laboratory 4 hours. Offered in 1961-1962.
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. Offered in 1962-1963.
163. **Biochemistry** 5 s.h.
(See Chemistry 163)
- 165, 166. **The New Biology** 3 s.h. each
A biochemical and evolutionary approach to life. Lecture-demonstration course.
171. **Coordinating Seminar in Natural Sciences and Mathematics** 1 s.h.
(See Divisional Courses)

CHEMISTRY

Major: 30 hours including 31, 53, 62, 103, 104, 153, 154, 171.

Minor: 20 hours including 31, 53, 103.

30. **Introductory College Chemistry** 3 s.h.
Basic principles and theories of modern chemistry and their applications. Lectures 2 hours, laboratory 2 hours.
31. **General Chemistry and Qualitative Analysis** 5 s.h.
A more extensive study of the modern concepts, with emphasis on equilibrium, ionization, oxidation-reduction, law of mass action, chemical equilibria, including some nuclear science. The laboratory work is mainly systematic semimicro separation and identification of the common cations and a few anions. Lecture 3 hours, laboratory 4 hours. Prerequisite: Chem. 30 or B in high school chemistry.
52. **Qualitative and Quantitative Analysis** 4 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. For those students who did not have qualitative analysis in their freshman year. Lecture 2 hours, laboratory 4 hours.
53. **Quantitative Analysis** 4 s.h.
Theory and technique of gravimetric and volumetric analysis, chemical calculations. Lecture 2 hours, laboratory 4 hours. Prerequisite: Chemistry 31 and one year of college mathematics.
62. **Special Methods of Quantitative Analysis** 3 s.h.
Theory and application of more advanced methods of chemical analysis including topics of colorimetry, spectrophotometry, electroanalysis, radioactivity and other modern techniques. Lecture 1 hour, laboratory 4-5 hours. Prerequisite: Chemistry 31, 53.

103. **Organic Chemistry** 4-6 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. Three hours of laboratory recommended for science group majors. Prerequisite: Chemistry 31.
104. **Organic Chemistry** 3 s.h.
More extensive study of aliphatic and 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.
- 153, 154. **Physical Chemistry** 4 s.h. each
Fundamental theoretical chemistry, atomic theory and structure of matter, laws of gases, liquids and solutions; electro- and thermochemistry; chemical kinetics; basic principles of radioactivity and the use of radioisotopes in the study of chemical reactions. Lecture 3 hours, laboratory 3-4 hours. Prerequisites: Mathematics 51, 52; Physics 1, 2.
163. **Biochemistry** 5 s.h.
Qualitative and Quantitative study of the chemical principles as applied to physiological processes; some fundamental concepts of radioactivity with emphasis on biological aspects of radiation. Lecture 3 hours, laboratory 4 hours. Prerequisite: Biology 1, 2; Chemistry 103.
165. **History and Literature of Chemistry** 2 s.h.
Survey of historic and current chemical literature and methods of using such literature. Offered on request of at least four students.
171. **Coordinating Seminar in Natural Sciences and Mathematics** 1 s.h.
(See Divisional Courses)
175. **Independent Study for Honors** 1-3 s.h.
Reading, research or creative work on a problem related to the major field.

MATHEMATICS

Major: 30 hours.

Minor: 20 hours.

3. 4. **Basic Mathematics** 2 s.h. each
Required of science majors entering with less than three units of high school mathematics; not applicable towards a mathematics major or minor.
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.
41. 42. **Fundamental Concepts of Mathematics** 2 s.h. each
For teachers of arithmetic; structure of the real number system; basic concepts of algebra; informal geometry; not applicable towards a mathematics major or minor.
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.
105. **Introduction to Higher Algebra** 3 s.h.
Algebraic systems; properties of integers, rational, real and complex numbers; congruences; introduction to groups, rings, integral domains, fields, vectors, matrices and determinants.
Offered in 1961-1962.
106. **Elementary Analysis** 3 s.h.
Limits and continuity, infinite series, expansion of functions, partial differentiation, multiple integrals, hyperbolic functions.
Offered in 1961-1962.
111. **Elementary Set Theory** 3 s.h.
Symbolic logic and set theory; fundamental set-theoretical notions, cardinal and ordinal numbers, choice axiom and continuum hypothesis.
Offered in 1962-1963.
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.
Offered in 1962-1963.
143. **Differential Equations** 2 s.h.
Ordinary differential equations of first and second order with applications to geometry, physics, and chemistry.
Offered as needed.
145. **College Geometry** 2 s.h.
Geometric properties of the triangle and the circle developed since the time of Euclid.
Offered as needed.
146. **Advanced Topics in Geometry** 3 s.h.
Critical re-examination of the fundamental concepts of geometry; selected topics concerning invariance of vector operations, solid geometry using vectors, introduction of projective geometry by synthetic method and using vectors, and non-Euclidean geometry.
Offered in 1962-1963.
171. **Coordinating Seminar in Natural Sciences and Mathematics** 1 s.h.
(See Divisional Courses)

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.

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.

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: 20 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 Short-hand.
 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 1962-1963.
- 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. Offered in 1961-1962.
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 1962-1963.
137. **Business Law** 3 s.h.
Law in relation to business contracts, negotiable instruments, sales, agencies, partnerships, corporations, and bailments. Offered in 1962-1963.
- 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: 30 hours including 1, 2, 31, 32, 171, and 16 hours in upper division courses.

Minor: 20 hours including 1, 2, 31, 32, and 8 hours in upper division courses.

- 1, 2. **World Civilization** 3 s.h. each
Development of religious, economic, political and cultural trends from the earliest origins of man to 17th century; and from the 17th century to the present times, with special emphasis on the various factors of change in the ancient and medieval cultures of the world basic for an understanding of contemporary problems especially in Europe, Asia and the Americas.
- 31, 32. **American History** 3 s.h. each
Political, social, economic and cultural development of the United States from the early colonial period, through the Revolution, the period of national expansion and the Civil War; major problems in the development of the United States through the period of Reconstruction, Big Business, Imperialism, and the two World Wars to the present World Leadership.
- 105, 106. **Church History** 2 s.h. each
From the beginning of Christianity to the Middle Ages. From the Middle Ages to the present time.
115. **Medieval Civilization, 476-1600** 3 s.h.
Religious, cultural, political, economic and social movements in medieval Europe with emphasis on feudalism, chivalry, the Church and the Empire, the Crusades, Renaissance and Reformation. Offered in 1961-1962.

131. **Europe, 1815-1918** 3 s.h.
Romanticism, nationalism and the effects of materialistic philosophies and natural science; the ensuing international rivalries leading to World War I and its aftermath.
Offered in 1962-1963.
132. **Europe Since 1918** 3 s.h.
Political, social and economic movements between the two World Wars, the problems of the League of Nations and United Nations, the present quest for peace.
Offered in 1961-1962.
152. **Contemporary Problems** 2 s.h.
An appraisal of the present economic, political, social and cultural problems as reported in the press and on the radio.
Offered in 1962-1963.
153. **United States in the Twentieth Century** 3 s.h.
Development of the United States as a world power; the social, economic, cultural and political changes in the contemporary era.
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 1961-1962.
164. **The Far East** 3 s.h.
Consideration of China, Japan, India and South-East Asia through a general survey of the early backgrounds, followed by a specific study of political and social developments of these areas in the modern period; through World War I and II to recent crisis and to problems of contemporary times.
Offered in 1962-1963.
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 towards the westernization of modern Russia; various phases of Soviet foreign and domestic policy in the nineteenth and twentieth centuries; reaction and repression; the Revolutions of 1905 and 1917; World War I and II and post-war era of U.S.S.R.
Offered in 1961-1962.

171. **Senior Seminar** 2 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: 20 hours including 11, 16.

11. **Foods** 3 s.h.
General principles of selection and preparation of foods. Lecture 1 hour, laboratory 4 hours.
16. **Clothing** 3 s.h.
Fundamental principles of clothing selection and construction; use of commercial patterns; care and use of sewing machines. Lecture 1 hour, laboratory 4 hours.
53. **Textiles** 3 s.h.
The construction, finish, sources, characteristics, identification, and uses of textile fibers. Lecture 2 hours, laboratory 2 hours.
Offered in 1962-1963.
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 1961-1962.
- 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 1962-1963.
104. **Human Development and Adjustment** 3 s.h.
(See Education 104)
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 1961-1962.

127. **Home Management** 3 s.h.
Residence in the home management house with directed experience in group living, fostering relationships in the maintenance of satisfying home and family living by applying principles of proper management of time, energy, and money.
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 1962-1963.
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. **Home Planning** 3 s.h.
Application of principles of art in the selection of housing, furniture, textiles, and accessories in family living; survey of historic styles of domestic architecture and furniture; study of floor plans.
Offered in 1962-1963.

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 in 1961-1962.

SOCIOLOGY

Major: 24 hours including 51, 121, 133, 137, 145, 146.
Minor: 20 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.

104. **Human Development and Adjustment** 3 s.h.
(See Education 104)
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 1961-1962.
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 1961-1962.
136. **Child Welfare** 2 s.h.
Historical background of child welfare and modern child welfare problems.
Offered in 1962-1963.
137. **Social Psychology** 3 s.h.
Problems of social behavior; social aspects of personality in group living.
Offered in 1962-1963.
145. **The Social Encyclicals** 3 s.h.
The encyclical letters of Popes Leo XIII, Pius XI, Pius XII and John XXIII.
Offered in 1962-1963.
146. **Contemporary Social Movements** 2-3 s.h.
Contemporary economic, religious, and political movements with reference to their impact on social life.
Offered in 1961-1962.
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.

To qualify for admission to the Teacher Education Program, the applicant must fulfill the following requirements by the end of the sophomore year:

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 Teacher Education Program is designed to qualify the applicant for a bachelor's degree and the Michigan State Provisional Certificate on the elementary or secondary level. To be recommended by the College for certification, the prospective teacher must meet the following requirements:

1. Complete work in one major of 30 semester hours or one group major of 36 semester hours.
2. Complete a planned program of 20 semester hours in elementary curriculum, or a teaching minor of 20 semester hours or a group minor of 24 semester hours for secondary certification.
3. Complete 20 semester hours of work in professional education.

The twenty semester hours for a minor in elementary curriculum must be earned from the following courses: Art 101, Education 170, 174, English 105 or 106, Geography 1, Mathematics 41, 42, Music 47, 48, Science 1, 2, Speech 1, Speech 53.

EDUCATION*

101. **General Psychology** 3 s.h.
Nature and scope of psychology; bases of human cognition: sensation, perception, imagination, memory, learning, thinking; dynamics of human behavior: emotion, feeling, motivation, volition; conflicts and adjustment; individuality and its appraisal; statistical concepts and psychological measurement.
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.
104. **Human Development and Adjustment** 3 s.h.
Basic concepts of growth, development, maturation, learning and habit formation; consideration of the stages of development, factors conditioning successive stages of development of personality; modes of adjustment. Lectures and discussions supplemented with systematic observations and laboratory experiences with children in the Psycho-Educational Center.
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.
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.

*With the publication of this bulletin, the new Teacher Education Curriculum approved by the State Board of Education goes into effect. For students, however, who have already begun their professional education, sufficient number of courses from the old program is provided to enable them to complete their certification requirements.

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. **Audio-Visual Aids** 2 s.h.
Principles underlying the selection and use of audio-visual aids for instructional purposes. Offered on request.
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 1961-1962.
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.

152. **Directed Observation of Methods and Materials in the Elementary School** 2 s.h.
Methods and materials in the elementary school curriculum; opportunities for observing instructional activities; participation in professional laboratory experiences.
- 153 to 164. **Directed Observation of Methods and Materials in the Secondary School** 2 s.h. each
Special methods in the subject-matter fields in which the student expects to teach; opportunities for observing classroom procedures; participation in professional laboratory experiences.
Offered as needed.
153. **Methods in English**
157. **Methods in Social Studies**
159. **Methods in Mathematics**
160. **Methods in Art**
163. **Methods in 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.
167. **Foundations of Education I** 3 s.h.
An interdisciplinary approach to the study of education; emphasis on the philosophical and psychological implications; aims and values in education; the learner and the learning environment in the school.
168. **Foundations of Education II** 3 s.h.
An interdisciplinary approach to the study of education; emphasis on the historical, social and cultural implications; the school as an educational institution, its historical development, functions and responsibilities; the teacher in the American school system; intercultural relationships in the school.

170. **Reading and Other Language Arts in the Elementary School** 3 s.h.
Fundamentals of reading instruction; principles and methods of teaching writing, spelling, listening and speaking.
172. **Improvement of Reading** 3 s.h.
Identification of reading difficulties; methods in diagnostic and remedial work; use of tests and clinical apparatus in improvement of reading; observation and laboratory experiences with children in the Psycho-Educational Center.
174. **Mathematics for Teachers** 2 s.h.
Content and method of contemporary mathematics for elementary grades with consideration of current literature in mathematics education.
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.
- Control in Education** 4 s.h.
176. **Workshop in Major Problems of Social**
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 beginning of each semester unless special arrangements for delay of payment are made with the Business Manager.

	For the year
Matriculation fee	\$10.00
(at entrance only—not refundable)	
Tuition	300.00
Tuition per semester hour (part-time students) .	12.00
Board and room.....	600.00
General fee	50.00
Graduation fee (at graduation only)	20.00

Special Tuition

Laboratory fees, each course	
Biology	\$5.00-10.00
Chemistry	7.50-15.00
Home Economics	5.00-10.00
Journalism	5.00
Physics	5.00
Use of typewriter, business machines	5.00
each course	
Music: Piano, Voice (1 lesson a week)	53.00
per semester	
Art fee	varies with course
Recording fee (non-matriculated students)	1.00
Directed Teaching	40.00
Room deposit	10.00
(refunded only when student is not admitted or is advised not to return)	
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)	approx. 20.00

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**1. 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.

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