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Madonna
College
Bulletin
1967-69

COMMUNICATION WITH THE COLLEGE

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Madonna College
36600 Schoolcraft Road
Livonia, Michigan 48150

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THE REGISTRAR Transcripts
THE DEAN OF STUDENTS Personal welfare, health, housing
THE DIRECTOR OF ADMISSIONS Admissions, bulletins
THE BUSINESS MANAGER Student finances

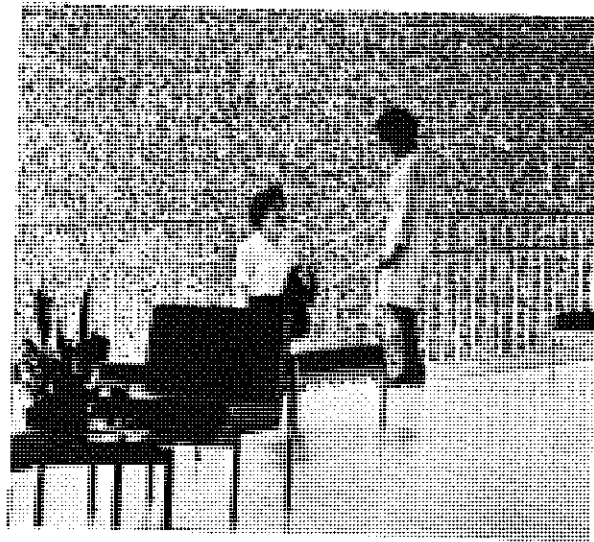
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Madonna College



BULLETIN/VOL. 20/1967-1969
CONDUCTED BY THE FELICIAN SISTERS
LIVONIA, MICHIGAN

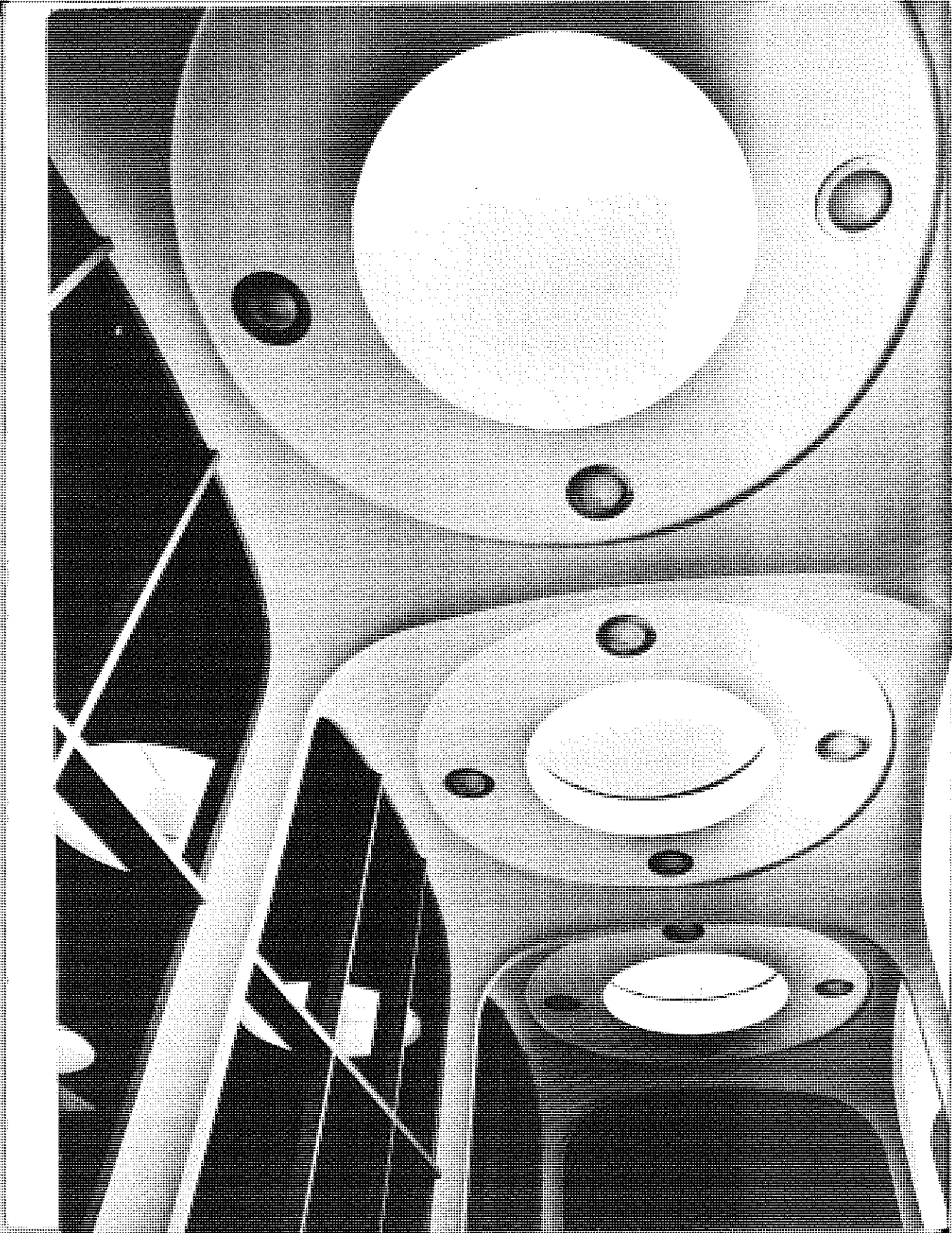


TABLE OF CONTENTS

Education for Truth and Service	4
Admission, Expenses, and Financial Aid	11
Academic Regulations	19
Divisions of Instruction	27
Theology and Philosophy	27
The Humanities	29
Natural Sciences and Mathematics	41
Social Sciences	48
Directories	59
Academic Calendar	63

E D U C A T I O N F O R T R U T H A N D S E R V I C E

The hallmark of today's student is his openness to truth and readiness to serve. Students are eager to know all that is happening around them, and they are ready to bestow the gift of self on anyone in real need. They thus discover their own identity and progressively arrive at the desired self-fulfillment.

Openness and service are the finest innate qualities of woman. The Christian, too, is to be distinguished by these traits, as the follower of the Master who came to serve and who revealed himself as the Truth. Significantly, the post-conciliar Church has opened out onto the world in order to share "the joys and the hopes, the griefs and the anxieties of the men of this age." (*Pastoral Constitution on the Church in the Modern World.*)

M A D O N N A
C O L L E G E

As a Catholic institution, Madonna College is committed to truth and service on both the human and transcendent levels. The College, however, is open also to non-Catholics, for it holds that truth is one, and that Christian humanistic values are valid for every man. Moreover, the presence on campus of those of other religious orientations is desirable. It creates an ecumenical climate and makes the college community a microcosm of American pluralistic society.

Openness to truth is the primary purpose of Madonna College in its proper function as an institution of higher learning. The College guides its students through all areas of truth. It gives them a broad, integrated vision of multi-leveled reality, which encompasses the physical universe, man, and God. The truth will make them free.

Through a basic program of liberal arts courses, the College endeavors to liberate students from ignorance and prejudice and to help them develop inquiring and disciplined minds. Possessed of a sure sense of direction, they will be better equipped to respond intelligently to life's problems in today's changed and changing world.

Possession of truth must lead to a sharing of truth in service. Madonna College aims to develop in her students this distinctive mark of womanliness and of maturing adulthood.

Around a solid liberal arts core, the College has built a series of curricula to prepare women for their roles of service as homemakers, teachers, nurses, medical technologists, social workers, or researchers. Since real service can be rendered only by competent hands, instruction in theory is tested in practice through pre-professional experiences in the chosen field.

To be women of truth and service—that is what Madonna College envisions for its students. To this end, the College has designed its program to form women who are aware and relevant, articulate and responsible, in the hope that one day they will share their vision with the world that awaits them.

EDUCATION
FOR TRUTH
AND SERVICE



THE COLLEGE

Madonna College is a four-year liberal arts college for women conducted by the Felician Sisters. It was founded in 1947 as an outgrowth of Presentation Junior College, which began operating in 1937.

Madonna College is accredited by the North Central Association of Colleges and Secondary Schools. It is affiliated with the Catholic University of America, recognized by the Board of Education of the State of Michigan for elementary and secondary certification, and approved by the Michigan Board of Nursing.

The College holds membership in the American Association of Colleges for Teacher Education, Association of American Colleges, American Council on Education, National Catholic Educational Association, National Commission on Accrediting, National Education Association, Higher Education Association, North Central Association Committee on Liberal Arts Education, Michigan Association of Colleges and Universities, American Association of University Women, Association of Catholic Colleges of Michigan, and Association of Independent Colleges and Universities of Michigan.

THE CAMPUS

Madonna College is located in the heart of Livonia, Michigan, a suburb of Detroit, and is easily accessible by plane, bus, car, or train.

The College is housed in new residence and academic buildings completed in 1965. The architecture is of contemporary design in brick and white stone trim with outside floor divisions of spandrel glass.

Adjoining the residence halls is a student center, which includes the reception room decorated in Danish Modern, spacious window-enclosed dining halls, a modern kitchen, recreation lounges, and a commons with a circular snack bar. The residence area features a roof-covered patio and upper and lower terraces designed for viewing and recreation.

The multi-purpose academic building is separated from the residence halls by a small lake. The two-story structure accommodates the academic and administrative areas, and laboratories for art, music, home economics, sciences, journalism, education, and languages. Centers for psycho-educational services, instructional materials, and developmental reading are also included. The library wing, built to accommodate 100,000 volumes, is provided with a large stack room, reading room, microfilm room, periodical and reference areas, offices, and a workshop.

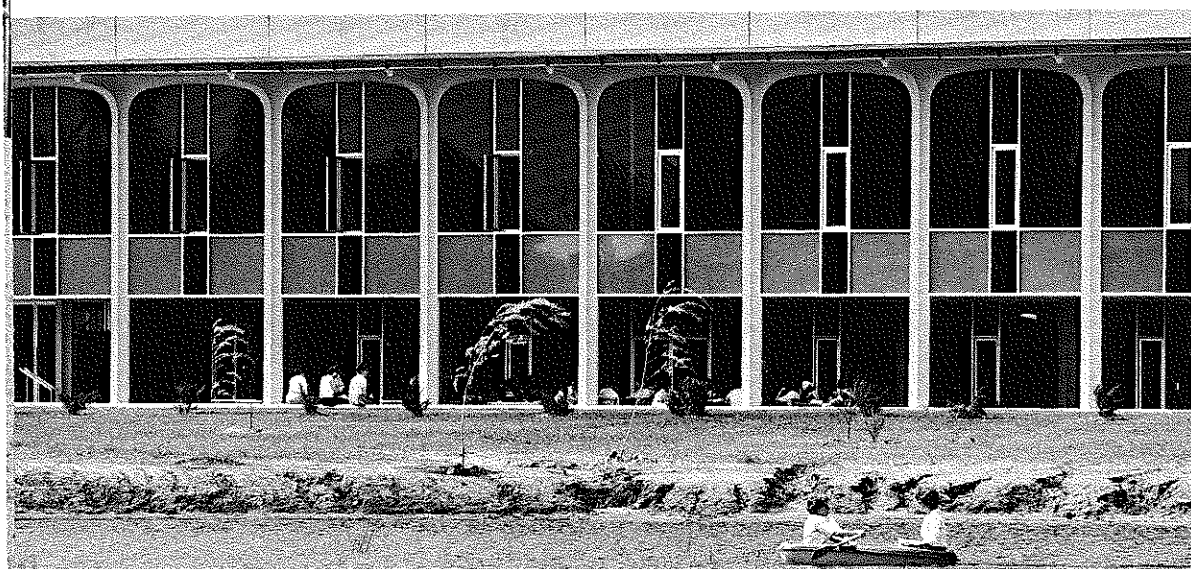
An attractively furnished model house on the premises is used for experimental purposes by the home management class and for lodging of guests.

STUDENT LIFE

Students find campus life at Madonna College both pleasant and enriching. Multiple opportunities are provided for rounding out personalities and making one's college years a memorable life experience.

An important factor in the process of social maturation is the atmosphere of responsibility and freedom promoted by the Student

MADONNA
COLLEGE



Association. The purpose of the Association is to promote the interests and welfare of the student body and to coordinate all campus clubs and activities. All full-time students are members of the Student Association and of the campus unit of the National Federation of Catholic College Students.

Also functioning at the College are various clubs, committees, and chapters organized on the basis of voluntary membership. These organizations contribute to the development of leadership qualities and provide outlets for individual talents. Existing at present on campus are the following groups: Athletic, Fine Arts, Home Economics, Library, Natural Sciences, Public Affairs, Public Relations, Press, Sodality, and Student Education Association clubs; Campus Volunteer Service Program; Alpha Mu Gamma (Foreign Languages), Lambda Iota Tau (Literary) and Sigma Alpha Nu (Nursing) campus chapters of national honor societies.

Students with writing ability can seek expression in the campus newspaper, *The Madonna Herald*, and in the literary magazine, *The Lanterne*.

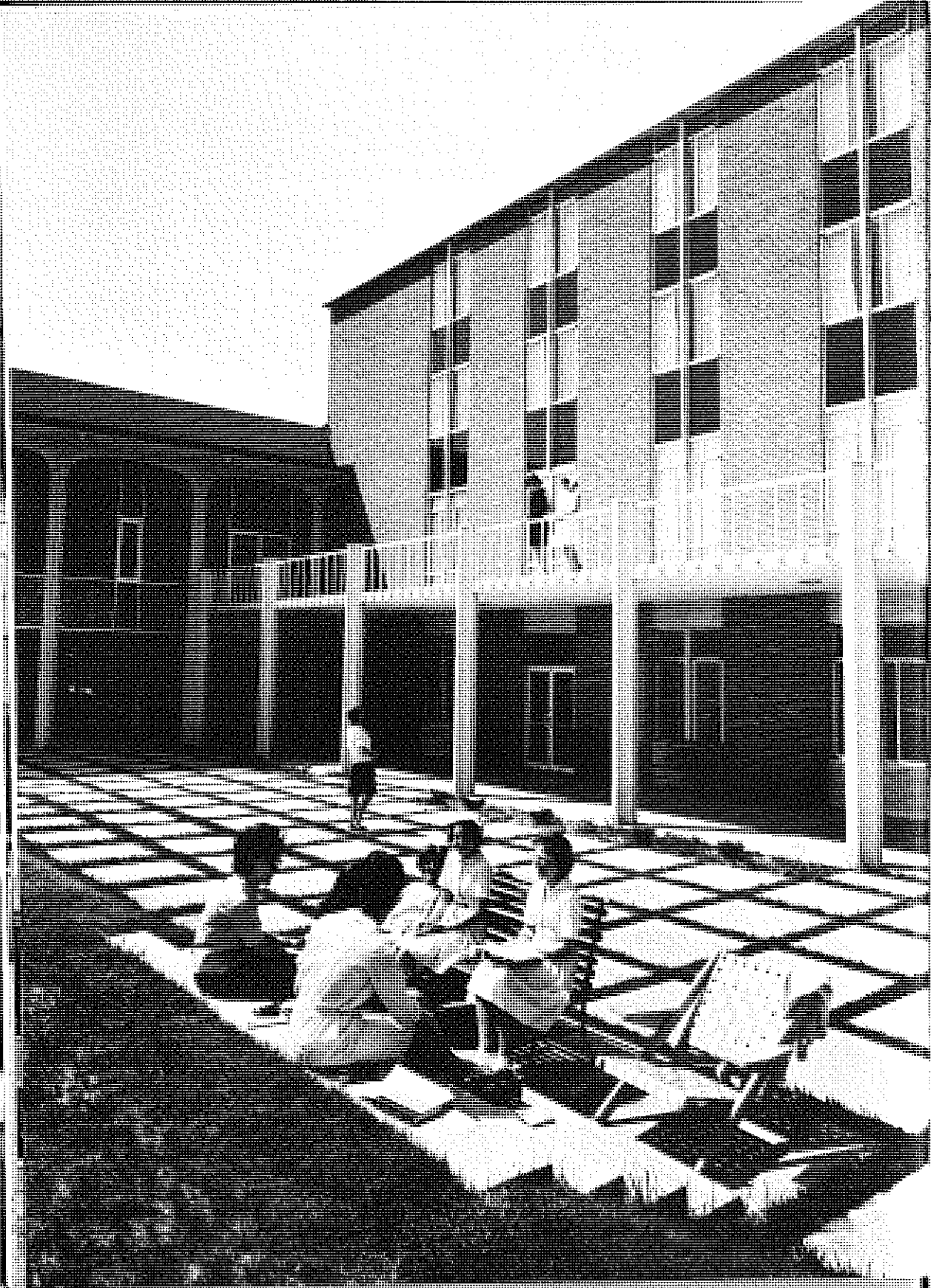
The convenient location of Madonna College, midway between Detroit and Ann Arbor, makes it possible to draw upon the cultural and social resources of these cities. Consequently, students have access to a rich program of educational trips, concerts, conventions, lectures, stage performances, exhibits, and other events.

For spiritual enrichment the College provides opportunities for daily Mass, an annual retreat, and religious counseling. Students are encouraged to engage in some voluntary apostolic or social action, such as catechetical instruction, the tutorial program, or week-end and summer projects in the inner city or in poverty areas of the country.

The student's physical welfare is safeguarded through the health services of a physician and a resident nurse. First aid treatment may be obtained at the health clinic, while emergencies are referred to St. Mary Hospital located on the premises.

Social life on campus changes with the seasons and with current fashions. It ranges from informal mixers, picnics, and hen-sessions to formal receptions, dances, and discussions.

As the weeks and years speed by, the student grows in maturity and graciousness and comes nearer to becoming the woman she wants to be and the woman the world needs.



ADMISSION, EXPENSES, AND FINANCIAL AID

ADMISSION

ADMISSION TO FRESHMAN CLASS

Candidates for the freshman class are selected on the basis of:

1. Graduation from an accredited high school with at least 15 units of work, 11 of which must be in academic subjects and must include
 - 2 major sequences of 3 units each
 - 2 minor sequences of 2 units each

Students entering the program in Nursing present two units of science, biology and chemistry.

2. Rank in the upper half of the graduating class
3. A minimum average of C+
4. Recommendations from two qualified persons.

ADMISSION,
EXPENSES, AND
FINANCIAL AID

ADMISSION TO ADVANCED STANDING

A transfer student must present the following credentials:

1. An official transcript of high school credits and of college work
 2. A statement of honorable dismissal from the college last attended
 3. A catalog from the college from which she is transferring
- Credits will not be accepted by transfer unless in quality they are



MADONNA
COLLEGE

of a grade above the mere passing grade and unless they fit in with any of the curricula of Madonna College.

A transfer student must earn at least a minimum of 32 semester hours at the College.

ADMISSION TO SPECIAL STANDING

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

Although distinctly Catholic, the College admits students of all denominations.

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.

	<i>For the year</i>
Matriculation fee (at entrance only—not refundable)	\$ 10.00
Tuition (from 12 to 18 semester hours)	550.00
Tuition per semester hour (part-time students)	20.00
Board	550.00
Rooms: semi-private	250.00
private	350.00
General fee: full time	50.00
7-11 semester hours	20.00
1-6 semester hours	6.00
Graduation fee (at graduation only)	25.00

SPECIAL TUITION

Laboratory fees, each course:

Biology	10.00-15.00
Chemistry	12.50-18.00
Home Economics: Clothing	10.00
Foods	10.00
Resident home management	30.00
Journalism	5.00
Physics	15.00
Science 1, 2	10.00
Music: Orgau, Piano, Voice (per semester)	48.00-53.00
Studio rental	10.00
Chorus	5.00

Art fee varies with course

Recording fee (non-matriculated students) 2.00

Directed Teaching 40.00

Room reservation 25.00

(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

Change in registration 1.00

Transcript of credits (after the first) 1.00

Student Insurance (optional) approx. 25.00

An extra charge is made for special diets served in the dining room.

Luncheon is served at current prices in the Cafeteria to off-campus
students.

ADMISSION,
EXPENSES, AND
FINANCIAL AID

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

Refunds in all cases will be calculated from the date of personal notification to the Registrar and the Business Manager, and not from the date when the student ceased attending classes. Such adjustments will be made according to the following:

withdrawal within the first week	100% refund
withdrawal within the second week	75% refund
withdrawal within the third week	50% refund
withdrawal within the fourth week	25% refund
withdrawal after the fourth week	no refund

MADONNA
COLLEGE



FINANCIAL AID

Madonna College offers financial assistance to students in the form of

SCHOLARSHIPS

Scholarship awards are made for one year on the basis of the student's high school record, the results of the December or January Scholastic Aptitude Test of the College Entrance Examination Board, and character.

Application for scholarship should be made to the Admissions Office before February 16. Awards will be announced in April. The request for renewal should be made in writing and presented to the President before May 1. Renewal will be made on the basis of a scholastic average of 3.0, leadership, loyalty, and character.

The following scholarships are available:

The Mother De Sales Scholarships. Scholarships of \$500 for educational expenses at Madonna are awarded annually by the College to outstanding high school seniors. Renewable on the basis of scholarship, leadership, loyalty, and character.

The student who accepts this scholarship commits herself to attend Madonna College for four years. If she transfers to another college before graduation, she must refund the amount of the scholarship.

The Detroit Edison Company Scholarship. A scholarship for \$400 is available to an entering freshman who lives in the area served by that Company.

The Alvin M. Bentley Foundation Scholarship. The scholarship is a one-year award open to a Michigan high school graduate. The amount of the grant is \$500.

The Consumers Power Company Scholarship. A scholarship for \$300 is available to an entering freshman who lives in the area served by that Company.

The Frank J. and Josephine Svoboda Scholarship. Established in 1962 by a gift of \$2500 by Robert L. Svoboda as a memorial to his parents. The income to be awarded to a student interested in art or journalism.

ADMISSION,
EXPENSES, AND
FINANCIAL AID

Bertha Dabringhaus Memorial Scholarship. Established by her son Gustav, this is an annual scholarship applicable to educational expenses at Madouna. The amount of the scholarship is \$500.

Amalgamated Meat Cutters and Butcher Workmen of North America Scholarships. Funded by AFL-CIO Locals 102, 539, and 630, these are annual scholarships open to students at any class level and applicable to educational expenses at Madonna. The amount of each of the scholarships is \$500.

Great Scott Supermarkets, Inc. Scholarship. This is an annual scholarship open to students at any class level and applicable to educational expenses at Madonna. The amount of the scholarship is \$500.

Frederick Packing Co., Inc. Scholarship. This is an annual scholarship open to students at any class level and applicable to educational expenses at Madonna. The amount of the scholarship is \$500.

Madonna College Advisory Board Scholarship. This is an annual scholarship open to a transfer student from a junior college in Michigan and applicable to educational expenses at Madonna. The amount of the scholarship is \$500.

STUDENT LOANS

The College participates in the National Defense Student Loan Program and in the Michigan Higher Education Assistance Authority Loan Program. Further information and application forms may be obtained from the Business Office.

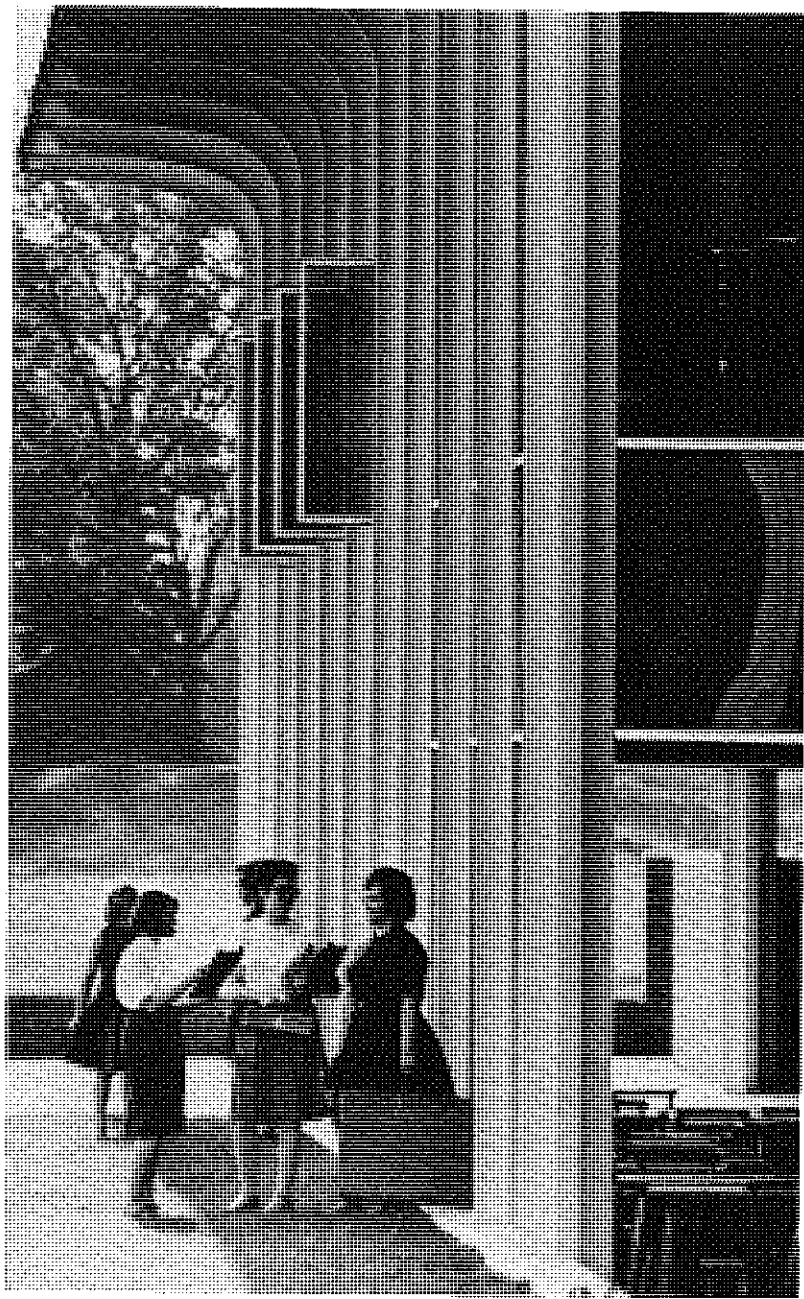
MADONNA COLLEGE

GOVERNMENT WORK-STUDY PROGRAM

The College offers to needy students work opportunities as student aides in the offices, library, dining hall, classroom building, and hospital.

GRANTS

Students at Madonna College are eligible for Educational Opportunity Grants under the Higher Education Act of 1965, and for State of Michigan Tuition Grants. Several institutional grants are available for students who display grave financial need. Further information and application forms may be obtained from the Business Office.



ADMISSION,
EXPENSES, AND
FINANCIAL AID



A CADEMIC REGULATIONS

REGISTRATION

All students must register on the days specified in the college calendar. For unscheduled registration a fee of \$5.00 will be charged. No one may register for a course later than the beginning of the second week of a semester. Necessary changes in registration, including dropping of a course, may be made through the registrar's office with the consent of the Dean and the instructor concerned. The student who drops a course without the consent of the Dean automatically fails the course.

FRESHMAN DAYS

In the spring of the preceding scholastic year, tests are administered to incoming freshmen to provide guidance for future counseling and placement. A few days before the academic year begins freshmen participate in an orientation program. Lectures on various phases of campus life are given by the faculty and members of the Student Association. These orientation lectures are continued throughout the first semester on a non-credit basis.

ACADEMIC
REGULATIONS

CLASSIFICATION OF STUDENTS

Freshmen: Students who have earned fewer than 30 credits.

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. The maximum load that may be carried without special permission from the Academic Dean is eighteen.

MADONNA
COLLEGE

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. With permission of the Dean, 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

The student is expected to attend every meeting of a class for which she is registered. On the first day of classes each instructor should establish and communicate his attendance policy to the students.

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, research 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:

<i>Grade</i>	<i>Significance</i>	<i>Honor Points</i>
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 not been completed by the student. This work may be made up within two weeks after the regular semester examination.

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

ACADEMIC
REGULATIONS

her work at the time of withdrawal. Withdrawal without the Dean's permission will be recorded as F.

To be in good standing a student must maintain a grade-point average of 2.0 or C.

HONORS

Full-time students who maintain a grade point average of 3.5 or better during a semester merit first honors on the Dean's List. Second honors are awarded to students who average 3.25-3.49. To be eligible for either honors, a student must have carried at least 15 hours.

Scholarship honors awarded at graduation are on the basis of seven semesters of work. The distinction *With Honors* is awarded to those who maintain a quality point average of 3.5; *With High Honors* 3.7; *With Highest Honors* 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 and parents or guardian receive a report of the academic grades shortly after the semester examinations.

MADONNA
COLLEGE



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 who major in Medical Technology or Nursing.

Candidates for a bachelor's degree must complete a minimum 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 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 pass the prescribed examinations for seniors.

BASIC REQUIREMENTS FOR BACHELOR'S DEGREE

DIVISION I

Theology and Philosophy

Theology	12 semester hours
Philosophy	10 semester hours
(Non-Catholic students take Comparative Religion.)	

DIVISION II

The Humanities

English	12 semester hours
Speech	2 semester hours
*Foreign Language	12 semester hours
Fine Arts	4 semester hours
(Art 1, Music 2)	

ACADEMIC
REGULATIONS

DIVISION III

Natural Sciences and Mathematics

Mathematics or Science	6-8 semester hours
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DIVISION IV

Social Sciences

History	6 semester hours
Other	6 semester hours

*Students with a major in Medical Technology, Nursing, or Natural Science in the teacher education curriculum are exempted from the language requirement.

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 are offered in Art, Biology, Bio-Chemistry, Chemistry, English, English-Journalism, English-Speech, History, Mathematics, Medical Technology, Music Education, Nursing, Social Science, and Sociology. With the exception of Medical Technology and Nursing, minors are offered in the above and in Education, Family Life, French, Home Economics, Journalism, Latin, Physical Science, Polish, Political Science, Spanish, Speech, and Theology.

ADVANCED PLACEMENT

Superior high school students may take particular courses at Madonna College concurrently with their high school courses. Credit is offered for such courses.

Students may be exempted from pursuing required courses by demonstrating proficiency on an examination in a particular area. Arrangements for exemptions will be made by the department chairman with the approval of the academic dean.

INDEPENDENT STUDY

A student may earn two to four credits in independent study in any particular field with the approval of the academic dean and the head of the department in which the study is pursued. The aim of independent study is to provide the student with an opportunity to investigate and explore in depth some specific area of interest. Guidelines for independent study are available from each department chairman. The study will be conducted under the direction of a faculty member.

MADONNA
COLLEGE



ACADEMIC
REGULATIONS



DIVISIONS OF INSTRUCTION

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 Technology, Nursing, Physics

The Division of Social Sciences—Economics, Education, Geography,
History, Home Economics, Political Science, Sociology.

THE DIVISION OF THEOLOGY AND PHILOSOPHY

"Each individual layman must stand before the world as a witness to the resurrection and life of the Lord Jesus and a symbol of the living God. In a word, Christians must be to the world what the soul is to the body." In this way the Vatican Council II invites every member of the priesthood of the faithful to be a witness and living instrument of the mission of the Church.

Pursuant to this, Madonna College offers to its students the attainment of full Christian womanhood. The primary means are the classes in philosophy and theology. With classroom theory, campus life with its variety of religious projects completes the moral and religious training of the student.

DIVISIONS OF
INSTRUCTION

THEOLOGY

35. FUNDAMENTAL THEOLOGY

2 CREDITS

To provide a norm for the study of Sacred Scripture, the course presents what has been solemnly defined by the Church of God in dogmatic and moral matters.

38. ECCLESIOLOGY

2 CREDITS

A dogmatic and pastoral study of the People of God as taught in the decrees of Vatican II. Emphasis is placed on the role of the laity in the Church.

41. CATECHETICS

2 CREDITS

Modern approaches to teaching religion.

61. OLD TESTAMENT INTRODUCTION

2 CREDITS

A literary and historical approach. A study of prophetism, messianism and Semitic thought patterns. Selected readings.

62. NEW TESTAMENT INTRODUCTION

2 CREDITS

A literary and historical approach. The concept of form criticism, the formation of the books of the Gospel; exegesis of key texts of Acts and the Epistles.

63. SACRED LITURGY

2 CREDITS

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, 2 CREDITS

A study and application of the principles of Christian perfection.

106. OLD TESTAMENT THEMES

2 CREDITS

A biblical theology of the Old Testament which traces representative themes: Creation, Exodus, sin, hope, grace, justice, mercy and loving kindness.

107. NEW TESTAMENT THEMES

2 CREDITS

A biblical theology of the New Testament. Themes of justification, *agape*, justice, prayer. The moral problems of social justice, marriage, work, property and family.

145. COMPARATIVE RELIGION

2 CREDITS

A survey course of the major religions of the world, examining their basic doctrines, liturgical practices and moral codes. The Vatican II decrees on "Ecumenism" and "The Declaration on Religious Freedom."

153. THE LITURGY IN FAMILY LIFE

2 CREDITS

The Sacrament and Sacrifice of the Eucharist; the Sacrament of Matrimony and marital life.

MADONNA
COLLEGE

156. MEDICAL MORAL PRINCIPLES

2 CREDITS

Ethics and moral theology for the nurse and medical technologist. The course will include the use of the sacraments and other sources of grace in patient care.

PHILOSOPHY

31. THE PHILOSOPHY OF MAN

2 CREDITS

Scholastic principles on the nature and destiny of man. The qualities of the soul; faculties of man. Norms of truth and of goodness leading to human fulfillment.

71. LOGIC

2 CREDITS

Science of correct thinking and expression. The use of logic in literature and the physical sciences. A study of popular fallacies.

75. HISTORY OF MODERN PHILOSOPHY

2 CREDITS

Leading men and systems from the 13th to the 20th centuries. Pre-scholastic themes are taken to the extent that they have influenced modern thought and ways of living.

78. READINGS IN MODERN PHILOSOPHY

2 CREDITS

Choice focuses on authors who have influenced human thought and the course of history. Special emphasis on systems that are the basis of thinking and morality of the 20th century.

101. EPISTEMOLOGY

2 CREDITS

Truth and certainty of the human mind in its normal and abnormal operations. Comparison of Scholasticism's Moderate Realism with extremes of Idealism and Empiricism.

106. PHILOSOPHY IN ACTION

2 CREDITS

Practical Metaphysics: coordination of scholastic ontology and cosmology with modern physical sciences and the sciences of man. Aesthetics.

THE DIVISION OF HUMANITIES

*THEOLOGY AND
PHILOSOPHY*

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, writing 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 elementary and secondary levels.

ART

Major: 30 hours including 9, 26, 151, 152 and 171.

Minor: 20 hours including 9, 26, 151, 152.

1. INTRODUCTION TO THE ARTS

2 CREDITS

Acquaintance with masterworks of the arts to awaken and expand appreciation. *Not open to Art majors or minors.*

9. BASIC DRAWING AND COMPOSITION

3 CREDITS

Visual awareness and rendition of a variety of subjects in two dimensions. Basic concepts of perspective, light and shade, and subtraction. The study of the human figure—its proportions and movement. Work in pencil, charcoal, ink and various other media (minimum of 6 studio hours per week). Required for all the studio art courses offered.

26. CREATIVE DESIGN AND COLOR

3 CREDITS

Investigation into the elements of color and design. Intense study of the basic factors in creative expression. Experimentation with line, point, texture, space, volume and movement. Projects in a variety of media in 2 and 3 dimensions, with emphasis on creativity.

49. LETTERING AND CALLIGRAPHY

3 CREDITS

A thorough investigation into the history of lettering and calligraphy. A development of the skill of lettering and good spacing as applied to projects involving resolutions, texts and testimonials. Emphasis on contemporary design in lettering and layout.

64. WATERCOLOR

3 CREDITS

Various techniques and tools in the attainment of good water colors; the use of the wet and dry brush; the employing of a variety of subject matter along with purely non-objective and abstract compositions.

90. GRAPHIC ARTS

4 CREDITS

Experimentation in a variety of media of reproduction including linoleum and woodcuts, wood engraving, the various methods in serigraphy, with special attention to new techniques and originality.

98. BEGINNING OIL PAINTING

3 CREDITS

Introduction to oil painting as a medium of expression; working from life both realistically and abstractly, with emphasis on originality and creativity.

MADONNA
COLLEGE

101. ART EDUCATION IN THE ELEMENTARY SCHOOL 3 CREDITS
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 or minors.*

109. ADVANCED CREATIVE DESIGN 3 CREDITS
Application of the principles of color and design to large and diverse projects, to interior decoration, textile design, cut and painted wood projects, pictorial design; exploration of three dimensional space composition.

115. ART ORIENTATION THROUGH THE CRAFTS 3 CREDITS
Fundamentals and experimentation with the media, tools and techniques in some or all of the following: leather, copper and mosaic.

131. CERAMICS I 3 CREDITS
Introduction to the tools, materials and skills needed in working in clay. Principles of clay modeling, construction and decorations, along with the firing and glazing of ceramic pieces.

132. CERAMICS II 3 CREDITS
Work in clay modeling or ceramic sculpture on a larger scale; work on the potters wheel and independent projects of one's choice.

135, 136. PAINTING 3-4, 3-4 CREDITS
Painting in oils or acrylics with investigation into the modern approaches to design and color. Special attention given to abstraction.

139, 140. ADVANCED PAINTING 3-4, 3-4 CREDITS
Non-representational painting with emphasis on built up, sculptural effects. Work done in any medium.

141. SCULPTURE I 4 CREDITS
Orientation in various media as clay, sculp-metal, plaster, and wood to understand the fundamental difference between modeling and carving. Emphasis on projects in wood.

142. SCULPTURE II 4 CREDITS
Experimentation in stone or marble as the vehicle of artistic expression. A choice of one or two media in which larger projects can be undertaken. Originality and creativity are encouraged with independent study.

151, 152. HISTORY OF ART 3, 3 CREDITS
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 3-4, 3-4 CREDITS
Individual study in the area of one's special interest: painting, sculpture, ceramics, etc. A major problem is undertaken and pursued through-

THE
HUMANITIES

out the term. Open only to seniors or special students interested in a major accomplishment.

171. SEMINAR IN THE ARTS

2 CREDITS

Discussion of topics pertinent to the understanding of the fine arts, of beauty and delight in the arts; correlation of art with other areas of study; investigation of the philosophy of art both classic and contemporary.

ENGLISH

Major: 30 hours including 6, 31, 32, 101 or 102, 103, 104, 105, 113, 123, 152.

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

1. RHETORIC AND COMPOSITION

3 CREDITS

Theory and practice in comprehension and written expression; emphasis on correctness and clarity. Freshman students exempt from the course on the basis of test scores will take English 105.

6. LINGUISTICS AND THE ENGLISH LANGUAGE

3 CREDITS

An introduction to the development of linguistic science, the history of the English language, and the principles of modern grammatical theories.

31, 32. ENGLISH LITERATURE

3, 3 CREDITS

Selected texts from Beowulf to Milton; from Burns to Eliot; critical appreciation and judgment in the light of the literary trends of the periods.

51. CHILDREN'S LITERATURE

3 CREDITS

Types of literature for children; method of presentation.

101, 102. AMERICAN LITERATURE

3, 3 CREDITS

Selected texts of major American writers; emphasis both historical and literary; trends in American intellectual thought closely scrutinized.

103, 104. DIRECTED READING

3, 3 CREDITS

Study of literary classics to familiarize the student with the dimensions and wealth of literary experience. Critical analysis and evaluation will provide direction in relating the genres and cultures represented in selected texts.

105. ADVANCED WRITING

2 CREDITS

Techniques of effective informative writing, coordinated with critical reading of selected works.

106. CREATIVE WRITING

2 CREDITS

Techniques of various forms of creative writing, coordinated with critical reading of selected works and writing of original works.

MADONNA
COLLEGE

113. MEDIEVAL LITERATURE 3 CREDITS
Readings in the literature of the Middle Ages with special emphasis on Chaucer as the chief exponent of the fourteenth-century life and literature.
123. DRAMA—SHAKESPEARE 3 CREDITS
Origin and development of English drama with a critical evaluation of Shakespeare's dramatic qualities in a few of his representative plays.
152. SENIOR SEMINAR 2 CREDITS
Coordination and organization of the knowledge and experiences acquired in the various courses in literature and related areas. Papers, discussions and critical analysis of literary works.
163. ROMANTIC LITERATURE 2-3 CREDITS
Study of romanticism in English literature and the reading and study of the works of the chief Romantic writers.
164. VICTORIAN LITERATURE 2 CREDITS
Readings and critical analysis of the works of major writers and their relation to and influence on the thought and spirit of their time.
167. CONTEMPORARY LITERATURE 2 CREDITS
Readings from contemporary British and American writers; some attention to European figures; social and intellectual backgrounds and the problems and methods of contemporary criticism.
173. THE NOVEL 3 CREDITS
History and technique of the novel; reading, critical analysis and discussions of selected novels of English, American and European authors.

FRENCH

Minor: 20 hours.

- 1, 2. ELEMENTARY FRENCH 3, 3 CREDITS
Offered for students with no previous training in the language. Fundamentals of French with audio-lingual emphasis. Simple cultural readings. Four class hours a week including laboratory.
- 23, 24. INTERMEDIATE FRENCH 3, 3 CREDITS
Review and furthering of audio-lingual skills, reading and writing, grammar and pattern practice. Four class hours a week including laboratory. Prerequisite: French 2, two years of high school French, or equivalent to be determined by a placement test.
101. FRENCH CONVERSATION 3 CREDITS
Exercises to develop ease and accuracy in the use of everyday French. Emphasis on oral aspects of the language. Four class hours a week including laboratory. Prerequisite: French 24 or equivalent.

THE
HUMANITIES

102. FRENCH COMPOSITION 3 CREDITS
Emphasis upon increasing the student's command of written French. Thorough review of French grammar with emphasis on syntax and idioms. Prerequisite: French 24 or equivalent.

103. FRENCH CIVILIZATION 3 CREDITS
Selected aspects of French life and culture and their historical settings. Prerequisite: French 24 or equivalent.

107, 108. FRENCH LITERATURE 3, 3 CREDITS
The outstanding authors representing the chief periods of French literature from its beginnings to the present. Prerequisite: French 24 or equivalent.

JOURNALISM

Minor: 20 hours, including 51 and 52.

51. NEWSPAPER REPORTING 3 CREDITS
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 CREDITS
Principles of editing, headline writing, page make-up, use of pictures; legal and ethical aspects. Lecture 2 hours, laboratory 2 hours.

112. EDITORIAL WRITING 2-3 CREDITS
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.

MADONNA
COLLEGE

120. HISTORY OF JOURNALISM 2 CREDITS
Historical development of the press in the United States; current journalistic trends and practices as an outgrowth of the past.

140. ADVERTISING 3 CREDITS
Basic principles and techniques of advertising, copywriting and layout; psychological and moral aspects of advertising.

145. SCHOOL PUBLICATIONS 2-3 CREDITS
Purpose, content, and layout of school newspapers, yearbooks, and magazines; staff organization and direction; business management.

150. MAGAZINE ARTICLE WRITING 3 CREDITS
Types of non-fiction articles for magazines; magazine markets; production of articles for publication.

161. PUBLIC OPINION AND PROPAGANDA

3 CREDITS

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.

LATIN

Minor: 20 hours including 8 hours in upper division courses.

1, 2. ELEMENTARY LATIN

3, 3 CREDITS

Elements of Latin grammar; easy reading and translation; reading selections from the Gallic Wars.

3. CICERO AND COMPOSITION

3 CREDITS

Selected orations of Cicero; special uses of cases and modes, practice in composition. Prerequisite: 2 units of high school Latin.

4. VERGIL

3 CREDITS

Selections from *Aeneid*, Book 1 to 6; syntax of Latin poetry; metrical reading. Prerequisite: 3 units of high school Latin.

11, 12. LATIN WRITING

2-3, 2-3 CREDITS

Practice and skill in writing by the study of the prose selections from the representative Latin writers.

41. HORACE

3 CREDITS

Odes and Epodes: reading and interpretation; influence of Horace on English literature.

101. LETTERS OF CICERO AND PLINY

3 CREDITS

Development of epistolary art: reading of selected letters of Cicero and Pliny. Influence on the letter as form in English literature.

123. THE EPIC

3 CREDITS

Development of epic: art and structure of the epic and its influence on epic in English literature. Prerequisite: Latin 4.

153. MEDIEVAL LATIN LITERATURE

3 CREDITS

Reading and interpretation in the spirit of the time of selections from the authors of the Patristic Age to the Renaissance; comparison of the stylistic and linguistic features.

MUSIC

Major in Music Education: 40 hours including 11, 12, 25, 43, 101, 102, 103, 104, 107, 111, 114, 126, 133, 134, 141; 10 hours of applied music: 8 in piano and 2 in organ.

Minor: 20 hours including 1 or 11, 25, 43, 47, 101; 8 hours of applied music.

THE
HUMANITIES

Theory

1. BASIC THEORY

3 CREDITS

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.

2. INTRODUCTION TO MUSIC LITERATURE

2 CREDITS

Works of the masters studied against the background of their times to develop understanding, enjoyment and appreciation of music as an art. *Required of non-music majors.*

11, 12. FUNDAMENTALS OF MUSICIANSHIP

2, 2 CREDITS

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. DICTATION AND EAR TRAINING

2 CREDITS

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 CREDITS

Survey course providing preliminary aural experiences as a basis for intelligent listening and appreciation of various forms and styles found in music masterpieces; concepts, trends, events, biographies.

47. MUSIC IN THE ELEMENTARY SCHOOL

3 CREDITS

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.

MADONNA
COLLEGE

61. COLLEGE CHORUS

1 CREDIT

Study and performance of sacred and secular choral literature; development of a discriminatory taste in music through experience in actual participation.

101, 102. HARMONY

2, 2 CREDITS

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, 2 CREDITS

Origin and development of music in the western culture from the Greek and ecclesiastical modes through the contrapuntal, classic, romantic, and modern periods; contemporary composers and new tendencies.

107. COUNTERPOINT 2 CREDITS

Contrapuntal principles as exemplified in the various species in two, three, and four-part writing in strict style. A knowledge of the free style as used in the inventions.

111. FORM AND ANALYSIS 2 CREDITS

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.

114. PIANO PEDAGOGY 1 CREDIT

Theory and practice of teaching piano; elementary technique covering all stages of development: sight-reading, rhythm, ear training, memorizing, pedal, teaching materials.

117. VOCAL LITERATURE 2 CREDITS

Song literature and its historical significance from the 13th century songs of the Trouvères to the 20th century song composers.

126. MUSIC IN THE SECONDARY SCHOOL 2 CREDITS

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.

133, 134. INSTRUMENTAL TECHNIQUES 1, 1 CREDITS

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

141. CHORAL TECHNIQUES 2 CREDITS

Interpretation and performance of choral music. Analysis of singing of unison and parts, with a view to artistic rendition and stress on the pedagogical approach.

171. SENIOR SEMINAR 2 CREDITS

Integration of music techniques acquired through previous musical study; class experiments in evaluation of music and musical performance.

175. MUSIC EDUCATION WORKSHOP 2 CREDITS

Practical experience in teaching procedures; curriculum, music materials, current trends.

Applied Music

PIANO

For entrance to a credit course, the student must be able: to play major and minor scales and arpeggios; to perform with correct touch and technique some of the standard etudes, such as Czerny, Op. 299, Book I or Heller, Op. 47; Bach's Little Preludes and Fugues; a Bach Two-Part Invention; an easier sonata of Haydn,

THE
HUMANITIES

Mozart or Beethoven; some composition of Schumann, Grieg, Debussy, or other romantic or modern composer.

13, 14. PIANO 2, 2 CREDITS

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

33, 34. PIANO 2, 2 CREDITS

Bach, English or French Suite, Well-Tempered Clavier, Prelude and Fugue; Mozart or Beethoven Sonata; Schumann easier pieces; Chopin Mazurkas, Waltzes, or Nocturnes; some of the short pieces of Ravel or Debussy or later composers.

123, 124. PIANO 2, 2 CREDITS

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

153, 154. PIANO 2, 2 CREDITS

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, 2 CREDITS

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, 2 CREDITS

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.

MADONNA
COLLEGE

17, 18. VOICE

2, 2 CREDITS

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, 2 CREDITS

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.

POLISH

Minor: 20 hours.

1, 2. ELEMENTARY POLISH

3, 3 CREDITS

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, 3 CREDITS

Study of grammar and syntax; composition and conversation; reading of selections from modern Polish writers.

101. TYPES OF LITERATURE

3 CREDITS

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

102. TYPES OF LITERATURE

3 CREDITS

Representative works of Polish dramatists and prose fiction writers from the sixteenth to the twentieth centuries.

103, 104. POLISH CIVILIZATION

3, 3 CREDITS

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, 3 CREDITS

Offered for students with no previous training in the language. Fundamentals of Spanish with audio-lingual emphasis. Simple cultural readings. Four class hours a week including laboratory.

23, 24. INTERMEDIATE SPANISH

3, 3 CREDITS

Review and furthering of audio-lingual skills, reading and writing; grammar and pattern practice. Four class hours a week including laboratory. Prerequisite: Spanish 2, two years of high school Spanish, or equivalent to be determined by a placement test.

THE
HUMANITIES

101. SPANISH CONVERSATION 3 CREDITS

Exercises to develop ease and accuracy in the use of everyday Spanish. Emphasis on oral aspects of the language. Four class hours a week including laboratory. Prerequisite: Spanish 24 or equivalent.

102. SPANISH COMPOSITION 3 CREDITS

Emphasis upon increasing the student's command of written Spanish. Thorough review of Spanish grammar with emphasis on syntax and idioms. Prerequisite: Spanish 24 or equivalent.

103. SPANISH CIVILIZATION 3 CREDITS

Selected aspects of Spanish life and culture and their historical settings. Prerequisite: Spanish 24 or equivalent.

107, 108. SPANISH LITERATURE 3, 3 CREDITS

A study of outstanding authors representing the chief periods of Spanish literature from its beginnings to the present. Prerequisite: Spanish 24 or equivalent.

SPEECH

Minor: 20 hours including 1, 62, 111.

1. EFFECTIVE SPEECH 2 CREDITS

Development of voice, speech, poise and self-confidence; practice in public speaking and parliamentary procedures.

35. CHORAL SPEAKING 2 CREDITS

Appreciation and enjoyment of poetry with intensive speech training; choral presentation of a public program.

51. PARLIAMENTARY PRACTICE 1 CREDIT

Parliamentary procedures; organization of assemblies, committees, constitutions, conducting of meetings.

53. ORAL INTERPRETATION 2 CREDITS

Basic principles involved in interpreting the printed page aloud; reading from prose, poetry and drama with intellectual and emotional understanding of the materials.

62. PUBLIC SPEAKING AND DISCUSSION 3 CREDITS

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 CREDITS

Skills necessary for radio and television work; microphone and camera problems; basic techniques of radio acting, continuity writing and announcing.

MADONNA
COLLEGE

103. WRITING FOR RADIO AND TELEVISION 2 CREDITS

Analysis of current radio and television programs of various types; editing scripts, writing and direction and recording programs. Prerequisite: Speech 71.

107. ACTING 2 CREDITS

Basic techniques of acting; pantomime, improvisation; class demonstration of one-act plays. Lecture 1 hour, laboratory 2 hours.

108. ADVANCED ACTING 2 CREDITS

Dramatic presentation, analysis and interpretation of roles 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 CREDITS

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 CREDITS

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.

121. ADVANCED INTERPRETATIVE READING 2 CREDITS

Theory and intensive practice to perfect oral reading techniques; planning and presentation of a public program. Prerequisite: Speech 53.

131. SPEECH CORRECTION FOR TEACHERS 2 CREDITS

Speech problems of children including articulation defects, stuttering, delayed speech, cleft palate, cerebral palsy, and voice disorders.

*THE DIVISION OF
NATURAL SCIENCES AND MATHEMATICS*

THE
HUMANITIES

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 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. PHYSICAL SCIENCE 3 CREDITS
Fundamental concepts and theories of physics and chemistry. Designed for non-science majors. Lecture 2 hours, laboratory 3 hours.
2. BIOLOGICAL SCIENCE 3 CREDITS
Biological principles and their human implications. Designed for non-science majors. Lecture 2 hours, laboratory 3 hours.
3. EARTH SCIENCE 3 CREDITS
An introduction to the basic principles of astronomy, geology, meteorology, and oceanography. Lecture and demonstrations.

BIOLOGY

Major: 30 hours including 3, 51, 103, 104, 107, 111, 156, and 171. Requirements from other fields: one year of Chemistry and one year of Mathematics.

Minor: 20 hours including 3 or equivalent and a minimum of 8 hours in upper division courses.

Major in Bio-Chemistry: 36 hours including a minimum of 12 hours in each area and a minimum of 15 hours in upper division courses.

Minor in Bio-Chemistry: 24 hours including a minimum of 8 hours in each area and a minimum of 8 hours in upper division courses.

3. GENERAL BIOLOGY 4 CREDITS
Fundamental biological principles with emphasis on life processes. Lecture 2 hours, laboratory 4 hours.
43. ANATOMY AND PHYSIOLOGY 5 CREDITS
Structure and function of the systems of the human being. For non-majors. Lecture 3 hours, laboratory 6 hours.
51. GENETICS 3 CREDITS
Fundamental laws and theories of heredity in plants, animals and man. Lecture 2 hours, laboratory 2 hours.
- 103, 104. DEVELOPMENTAL ANATOMY 3, 3 CREDITS
Integrated comparative chordate anatomy and embryology. Lecture 2 hours, laboratory 3 hours.
107. INVERTEBRATE ZOOLOGY 3 CREDITS
Biological principles of invertebrate animals; fundamentals of parasitology. Lecture 2 hours, laboratory 2 hours.

MADONNA
COLLEGE

111. GENERAL BOTANY 3 CREDITS
Fundamental structure and physiology of plants. Lecture 2 hours, laboratory 3 hours.
126. MICROBIOLOGY 4 CREDITS
Morphology and physiology of microorganisms and their relation to man. Lecture 2 hours, laboratory 4 hours. Prerequisites: Chem. 30, 31 or equivalent.
131. HISTOLOGY 3 CREDITS
Microscopic structure of tissues and organs of vertebrates. Lecture 1 hour, laboratory 4 hours.
156. GENERAL PHYSIOLOGY 4 CREDITS
Principles of physiology and the mechanisms underlying the life processes. Lecture 2 hours, laboratory 6 hours. Prerequisites: Chem. 30, 31 or equivalent.
163. BIOCHEMISTRY 5 CREDITS
(See Chemistry 163.)
165. BIOLOGICAL READINGS 2 CREDITS
Readings and discussions of classical and modern advances in Biology.
171. COORDINATING SEMINAR 3 CREDITS

CHEMISTRY

Major: 30 hours including 31, 71, 123, 134, 153, 154, 171, 173 or 175. Requirements from other fields: Physics 1 and 2; Mathematics including Calculus.

Minor: 20 hours including a minimum of 8 hours in the upper division courses.

Major in Bio-Chemistry: 36 hours including a minimum of 12 hours in each area and a minimum of 15 hours in the upper division courses.

Minor in Bio-Chemistry: 24 hours including a minimum of 8 hours in each area and a minimum of 8 hours in upper division courses.

Minor in Physical Science: 24 hours including 8 hours in Chemistry, 8 hours in Physics and 6-8 hours in upper-division courses. Strongly recommended for biology majors contemplating teaching in secondary schools or research.

25. ELEMENTS OF INORGANIC AND ORGANIC CHEMISTRY 4 CREDITS
Basic principles of inorganic and organic chemistry. Not open to majors, minors, or majors in Medical Technology. Lecture 3 hours, laboratory 3 hours.

- 30, 31. GENERAL INORGANIC CHEMISTRY 4, 4 CREDITS
Principles of chemistry with emphasis on modern concepts of atomic and molecular structure; including qualitative analysis. Lecture 3 hours,

NATURAL
SCIENCES AND
MATHEMATICS

laboratory 3 hours. Prerequisites: One year of high school chemistry and two years of high school mathematics. Students who qualify as determined by a standardized entrance test shall have Chemistry 30 waived.

57. INTRODUCTORY BIOCHEMISTRY

4 CREDITS

Study of fats, proteins, carbohydrates, enzymes and metabolism in man; designed for nurses and Biology majors. *Not open to Chemistry minors.* Lecture 3 hours, laboratory 3 hours. Prerequisite: Chemistry 25 or Chemistry 71.

71. ORGANIC CHEMISTRY

5 CREDITS

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 4-5 hours. Prerequisite: Chemistry 31.

123. ANALYTICAL CHEMISTRY

5 CREDITS

Theoretical background of chemical analysis. Laboratory work involves modern analytical techniques, both chemical and instrumental—chromatography, spectrophotometry, UV, visible, infrared; electroanalysis; and fundamentals of radiation and radioisotope techniques. Lecture 3 hours, laboratory 6-8 hours. Prerequisites: Chemistry 31 and 71, one year of college mathematics.

134. ORGANIC CHEMISTRY

3 CREDITS

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. Lecture 1 hour, laboratory 4 hours. Prerequisite: Chemistry 71.

153, 154. PHYSICAL CHEMISTRY

4, 4 CREDITS

Fundamental theoretical chemistry, atomic theory and structure of matter, bonding; laws of gases, liquids and solutions; thermodynamics; chemical kinetics, quantum theory. Lecture 3 hours, laboratory 3-4 hours. Prerequisites: Physics 1, 2; Mathematics 41, 52 or equivalent.

MADONNA
COLLEGE

163. BIOCHEMISTRY

4 CREDITS

Qualitative and quantitative study of the chemical principles and instrumental techniques as applied to physiological processes. Lecture 3 hours, laboratory 3 hours. Prerequisites: Biology 3, Chemistry 71, 123.

171. COORDINATING SEMINAR

1 CREDIT

173. THEORETICAL CHEMISTRY

2 CREDITS

Modern structural concepts and nuclear chemistry, bonding and bond energies, coordination compounds and stereochemistry, radioactivity, and nuclear transformations.

175. PROBLEMS IN CHEMISTRY

1-3 CREDITS

Advanced study in a special area of interest in laboratory or library research studies. Prerequisite: recommendation of major advisor.

MATHEMATICS

Major: 30 hours including 121, 122, 171.

Minor: 20 hours including 51, 52.

FOR ELEMENTARY SCHOOL TEACHERS

Major: 30 hours including Mathematics 51, 52, 101, 102, 103, 134, 170.

Minor: 20 hours.

3, 4. MATHEMATICS FOR THE NATURAL SCIENCES 2, 2 CREDITS

Offered to science students entering with a deficiency in mathematics. Not applicable towards a major or minor in mathematics.

5, 6. ALGEBRA WITH TRIGONOMETRY 3, 3 CREDITS

Topics most useful for the integrated course in analytic geometry and calculus. Not required of students with a satisfactory score on the qualifying tests.

41, 42. BASIC MATHEMATICS 2, 2 CREDITS

Required of all prospective teachers of elementary schools. Not applicable towards a major in mathematics.

51, 52. CALCULUS WITH ANALYTIC GEOMETRY I, II 4, 4 CREDITS

Elements of plane geometry through the conics, coordinate systems, transformation of coordinates; differentiation and integration of algebraic, and transcendental functions with applications.

101. ELEMENTARY NUMBER THEORY 3 CREDITS

Properties of integers, divisibility, Euclid's Algorithm; prime numbers; residue systems, conditional congruences.

102. FUNDAMENTAL CONCEPTS OF ALGEBRA 3 CREDITS

For majors in elementary school mathematics. Topics in algebra recommended by the CUPM Panel on Teacher Training.

103. FUNDAMENTAL CONCEPTS OF GEOMETRY 3 CREDITS

For majors in elementary school mathematics. Topics in geometry recommended by the CUPM Panel on Teacher Training.

105. MODERN ALGEBRA 3 CREDITS

Study of rings, integral domains, fields and groups; development of the rational, real and complex number fields.

107. LINEAR ALGEBRA 3 CREDITS

Elementary theory of polynomials, vector spaces, systems of linear equations, determinants, linear transformations and matrices.

111. ELEMENTARY SET THEORY 3 CREDITS

Symbolic logic and set theory; Boolean algebra; cardinal numbers, ordinal numbers.

NATURAL
SCIENCES AND
MATHEMATICS

121. CALCULUS WITH ANALYTIC GEOMETRY III 3 CREDITS
Elements of solid geometry, vectors in three dimensional space, partial derivatives, multiple integrals, infinite series.
122. CALCULUS IV 3 CREDITS
Hyperbolic functions; ordinary differential equations of first and second order with applications.
131. HISTORY OF MATHEMATICS 2 CREDITS
Development of mathematical concepts and contributions of leading mathematicians.
134. ELEMENTARY STATISTICS 2 CREDITS
Frequency distribution, measures of central tendency and variability, normal distribution, correlation, regression.
135. PROBABILITY AND STATISTICAL INFERENCE 3 CREDITS
Permutations, combinations and binomial theorem; general theory of probability for finite sample spaces; random variables; binomial distribution; statistical applications of probability.
145. FOUNDATIONS OF COLLEGE GEOMETRY 3 CREDITS
Points, lines and planes; separations, curves and surfaces; congruence; measures parallelism and similarity; Non-Euclidean geometries.
146. ADVANCED TOPICS IN GEOMETRY 3 CREDITS
Postulational approach to synthetic projective geometry; principle of duality; analytic projective geometry; projective, affine, Euclidean transformations.
170. COORDINATING SEMINAR FOR ELEMENTARY SCHOOL MAJORS 2-3 CREDITS
171. COORDINATING SEMINAR 2-3 CREDITS
Directed reading and study of the unifying principles of mathematics; research on selected topics.

MADONNA
COLLEGE

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 of 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 laboratory, 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 in a hospital approved by the Registry

of Medical Technologists. Madonna College is affiliated with the approved schools of St. Mary Hospital in Livonia and St. Mary Hospital in Saginaw. The student interns in one of these two hospital schools and earns 30 semester hours if her grade-point average meets the standards of the college grading system. The degree is conferred upon the satisfactory completion of all course requirements and clinical experience.

NURSING

The Madonna College program in Nursing is based on the belief that the professional nurse needs a liberal education with emphasis on the basic biological, physical and social sciences to meet the needs of our society and the challenge of the ever increasing knowledge in the fields of medicine and nursing.

3. BASIC INTERACTION SKILLS

2 CREDITS

Basic guidelines useful in establishing personal contact with the patient, and in initiating goal-directed, purposeful, and meaningful activities.

31. INTRODUCTION TO NURSING

2 CREDITS

Development of professional attitudes, understandings and beginning skills necessary for meeting basic needs of patients.

53, 54. FOUNDATIONS OF NURSING I, II

5, 6 CREDITS

Lecture and clinical learning experience. Basic fundamental principles of nursing care correlated with basic fundamentals of pharmacology, related to techniques, treatments and nurse-patient rapport, meeting the physical, emotional, social and spiritual needs of the patient. Emphasis on quality nursing rather than quantity nursing. Prerequisites: Biology 43 and Nursing 31.

NATURAL
SCIENCES AND
MATHEMATICS

105, 106. MEDICAL-SURGICAL

10, 10 CREDITS

A study of: the complex needs of patients with medical and surgical conditions with their causes, prevention, and significance to the patient, his family, and the community; principles underlying the nursing techniques and skills used in medical management and comprehensive nursing care; the philosophy, concepts and techniques of nursing of patients with long term illnesses. Prerequisites: Nursing 53, 54 and Home Economics 63. Lecture 5 hours, laboratory 5 hours.

131. MATERNITY NURSING

7 CREDITS

Principles of obstetrics; maternity and newborn nursing care; parent-education; community resources for maternal and infant care.

143. NURSING OF CHILDREN 7 CREDITS

Lecture and clinical learning experience. Study of the nursing needs of children in health and illness. Administering and evaluating nursing care for the hospitalized infant, toddler, pre-school, school-age child and adolescent.

147. PSYCHIATRIC NURSING 7 CREDITS

Principles of psychiatric nursing applied to nursing care of patients with emotional and psychotic disorders; focus on patient interaction.

152. PROFESSIONAL ADJUSTMENT SEMINAR 3 CREDITS

Consideration of the responsibilities and opportunities of professional nurses in contemporary society; a study of the organizations of the profession; independent practice of nursing with leadership opportunities.

162. PUBLIC HEALTH NURSING 9 CREDITS

Survey of the concepts and methods of public health as these relate to public health nursing; definition and application of the public health nursing process.

PHYSICS

1, 2. GENERAL PHYSICS 4, 4 CREDITS

Fundamental principles of mechanics, heat, magnetism, electricity, sound and light. Lecture 2 hours, laboratory 4 hours. Prerequisite: one semester of college mathematics.

51. MECHANICS 2 CREDITS

Mathematical principles governing the laws of mechanics. Prerequisite: Calculus.

101. MODERN PHYSICS 3 CREDITS

Introduction to contemporary atomic physics; electron and nuclear masses and charges. Basic ideas of quantum theory and wave mechanics; modern applications of physics. Prerequisite: Physics 1 and 2.

MADONNA
COLLEGE

THE DIVISION OF SOCIAL SCIENCES

The Division of Social Sciences 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 and successful family living.
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 guide the student in the critical use of sources.

5. To prepare teachers for elementary and secondary schools.
6. To prepare students for graduate study in social work.

Social Science Major: 36 hours including History 31, 32, 171, Economics 50, Political Science 51, Sociology 51 or 160, Geography 5, and 16 hours in upper division courses in one of the following areas—history, political science, or sociology.

Social Science Minor: 24 hours including History 31, 32, Economics 50, Geography 5, Political Science 51, Sociology 51, and 6 hours in upper division courses in Political Science and/or History.

Family Life Minor: 24 hours from the following required courses: Education 101, 112, Home Economics 121, 135, Sociology 51, 133; and from the elective courses: Economics 50, Education 104, Home Economics 16, 158, Sociology 121, and Theology 153.

ECONOMICS

50. PRINCIPLES OF ECONOMICS

3 CREDITS

Economics: its nature and problems; domestic and international economic problems; comparative economic systems.

151. ECONOMIC HISTORY OF THE UNITED STATES

3 CREDITS

Economic influences on our past and present national life; those arising from various aspects of agriculture, labor, industry, transportation, and politics.

EDUCATION

During the second semester of the sophomore year a student applies for admission to the Teacher Education Program. In order to be admitted into and retained in the program the student must meet the following requirements:

1. A grade-point average of 2.0 or higher
2. A minimum of 30 hours of supervised contact with children
3. Proficiency in oral and written communication and reading as determined by standardized tests
4. Evidence of personal integrity, emotional stability, and social competence
5. Participation in the Student Education Association
6. Good physical condition—vision, hearing, and general health.

SOCIAL
SCIENCES

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 student for a bachelor's degree and state certification on the elementary or secondary level. Majors in Art or Music may obtain certification to teach these subjects in grades K-12.

Prior to registration for Directed Teaching during the second semester of the senior year, the applicant must have a C+ average in her major field and a written recommendation from her major advisor.

To be recommended by the College for certification, the prospective teacher must fulfill the following requirements:

1. Complete work in one teaching 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 for elementary certification; a teaching minor of 20 semester hours or a group minor of 24 semester hours for secondary certification.
3. Complete 20 semester hours in professional education courses:
for elementary certificate—Education 101, 104, 126, 151, 152, 165, 168.
for secondary certificate—Education 101, 107, 109, 126, 165, 168, and methods appropriate to the secondary level.

Students who desire certification in states other than Michigan should determine early in their course the specific regulations of the state where certification is desired.

Elementary Curriculum Minor: 20 hours including Art 101, Education 109, Mathematics 41, 42, Music 47, Science 1, 2, elective.

MADONNA
COLLEGE

100. HEALTH EDUCATION

3 CREDITS

Principles, organization, administration of school health education, including school and community relationships, methods and materials for teaching health.

101. GENERAL PSYCHOLOGY

3 CREDITS

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.

102. EVALUATIVE CRITERIA

2 CREDITS

Principles and guidelines for evaluating elementary schools.

104. HUMAN DEVELOPMENT AND ADJUSTMENT 3 CREDITS

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 CREDITS

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.

109. PSYCHOLOGY OF READING 2 CREDITS

Application of psychological principles to the reading-learning process; methods of teaching developmental reading.

112. SEX EDUCATION 2 CREDITS

Understanding of physical, psychological, social, and religious aspects relating to sexual maturation. Techniques for assuming instructional responsibilities on this subject.

121. MEDIA AND CHILDREN'S LITERATURE 2 CREDITS

Creativity in teaching children's literature through the use of television, drama, programmed learning and other new approaches.

124. EDUCATIONAL MEASUREMENTS 3 CREDITS

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. INSTRUCTIONAL MEDIA 1 CREDIT

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

137. SOCIAL PSYCHOLOGY 3 CREDITS
(See Sociology 137.)

147. SCHOOL LIBRARY ORGANIZATION AND ADMINISTRATION 3 CREDITS

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.

148. REFERENCE WORK 3 CREDITS

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 CREDITS

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.

S O C I A L
S C I E N C E S

150. PRINCIPLES OF BOOK SELECTION 3 CREDITS
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, 152. METHODS IN THE ELEMENTARY SCHOOL 2 CREDITS
Methods and materials in the elementary school curriculum; opportunities for observing instructional activities; participation in professional laboratory experiences. Lecture 1 hour, laboratory 2 hours.
151. METHODS IN SOCIAL STUDIES AND THE LANGUAGE ARTS
152. METHODS IN SCIENCE AND MATHEMATICS
- 153 to 164. METHODS IN THE SECONDARY SCHOOL 2 CREDITS
Special methods in the subject-matter fields in which the student expects to teach; opportunities for observing classroom procedures; participation in professional laboratory experiences. Lecture 1 hour, laboratory 2 hours.
153. METHODS IN ENGLISH
157. METHODS IN SOCIAL SCIENCE
159. METHODS IN MATHEMATICS
160. METHODS IN ART (K-12)
163. METHODS IN SCIENCE
164. METHODS IN HOME ECONOMICS
165. DIRECTED TEACHING 3-6 CREDITS
Observation and teaching in classroom situations; individual conferences and seminars.
167. FOUNDATIONS OF EDUCATION I 3 CREDITS
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 CREDITS
An interdisciplinary approach to the study of education; emphasis on the historical, social and cultural implications; the school as an educational institution, its aims, the curriculum, its historical development, functions and responsibilities; the teacher in the American school system; intercultural relationships in the school.
172. DIAGNOSIS AND REMEDIAL READING 2 CREDITS
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.

185. READING PRACTICUM 2-4 CREDITS
Supervised clinical and classroom teaching.
186. ADMINISTERING A READING PROGRAM 3 CREDITS
Organizing, implementing, and appraising total reading programs: developmental and remedial.
187. SCHOOL ADMINISTRATION AND SUPERVISION 2 CREDITS
Principles and practices of organization and administration of elementary and secondary schools; curricular organization and instructional supervision; school and community relations.
191. GUIDANCE AND PERSONNEL SERVICES 2 CREDITS
Principles and techniques in organizing, administering and evaluating guidance and personnel services at various school levels. Coordination of guidance program with community services and school activities.

GEOGRAPHY

5. WORLD REGIONAL GEOGRAPHY 3 CREDITS
Regional survey of the world in which all aspects of the earth realms are treated; emphasis on population distribution and on cultural and physical factors affecting man.

HISTORY

Major: 30 hours including 31, 32, 168, 171, and 19 hours in upper division courses.

Minor: 20 hours including 31, 32, and 14 hours in upper division courses.

- 1, 2. WORLD CIVILIZATION 3, 3 CREDITS
Development of religious, economic, political and cultural trends from the earliest origins of man to the present time. Emphasis on the basic factors of change with a view toward a better understanding of contemporary problems, especially in Europe, Asia and the Americas.

- 31, 32. AMERICAN HISTORY 3, 3 CREDITS
Political, social, economic and cultural development of the United States from the early colonial period to the present time.

115. MEDIEVAL CIVILIZATION 3 CREDITS
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.

131. EUROPE, 1815-1918 3 CREDITS
Romanticism, nationalism and the effects of materialistic philosophies and natural science; the ensuing international rivalries leading to World War I and its aftermath.

SOCIAL
SCIENCES

132. EUROPE SINCE 1918 3 CREDITS
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.
152. CONTEMPORARY PROBLEMS 2 CREDITS
An appraisal of current events—economic, political, social and cultural.
153. UNITED STATES IN THE TWENTIETH CENTURY 3 CREDITS
Development of the United States as a world power and its impact on the social, economic, cultural and political changes in the contemporary era.
161. HISTORY OF LATIN AMERICA 3 CREDITS
Colonial period, the struggle for independence, the rise of nations, with special stress on the present relations with the United States.
164. THE FAR EAST 3 CREDITS
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.
165. HISTORY OF RUSSIA 3 CREDITS
Cultural and political history of early and modern Russia.
167. AFRICA IN THE TWENTIETH CENTURY 3 CREDITS
Political, social, and economic developments in Africa, 1885 to the present; the rise and fall of colonialism in Africa and the emergence of independent states.
168. GLOBAL HISTORY 3 CREDITS
A historical perspective beyond national or regional limitations dealing with overriding trends and forces from prehistoric times to the present.
171. SENIOR SEMINAR 2-3 CREDITS
Designed for history and social science majors. Integration of knowledge previously gained in history and other social science courses.

HOME ECONOMICS

Minor: 20 hours including 11, 16, 121, 158.

11. FOODS 3 CREDITS
General principles of food selection and preparation. Lecture 2 hours, laboratory 3 hours.
16. CLOTHING 3 CREDITS
Fundamental principles of clothing selection and construction; use of commercial patterns; care and use of sewing machines. Lecture 2 hours, laboratory 2 hours.

53. TEXTILES 3 CREDITS
Fabrics, with reference to construction, finish, characteristics, fibers, use and care of; application to clothing and the house. Lecture 2 hours, laboratory 2 hours.
56. COSTUME DESIGN 2 CREDITS
Principles of color and design as related to dress, personality types; creative and adaptive designing for various occasions. Lecture 1 hour, laboratory 2 hours.
63. NUTRITION AND DIETETICS 3 CREDITS
Basic concepts of nutrition applied to maintenance of health, growth and development and their application to diet therapy in the treatment of disease.
104. HUMAN DEVELOPMENT AND ADJUSTMENT 3 CREDITS
(See Education 104.)
121. MEAL SERVICE 2 CREDITS
Planning, preparation, and service of meals for various occasions with special reference to selection and to cost. Lecture 2 hours, laboratory 2 hours. Prerequisite: Home Economics 11.
127. HOME MANAGEMENT 3 CREDITS
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 finances. Prerequisite: Home Economics 11 and 63.
133. THE FAMILY 3 CREDITS
(See Sociology 133.)
135. CHILD CARE AND GUIDANCE 2 CREDITS
Care and training of children during their developmental periods; observation of children as related to home and school.
153. ADVANCED CLOTHING 3 CREDITS
Garment construction in silk and wool material based on the use of commercial patterns and pattern alterations; principles of fitting.
155. HISTORIC COSTUME 2 CREDITS
The historic background of the various periods of dress with reference to its influence on contemporary dress.
158. INTERIOR DECORATION 2 CREDITS
Principles of color and design applied to interiors of homes and architectural styles; study of floor plans; a brief history of period furniture. Lecture 1 hour, laboratory 2 hours.

SOCIAL
SCIENCES

POLITICAL SCIENCE

Minor: 20 hours. Political Science 51 prerequisite for all other Political Science courses.

51. AMERICAN GOVERNMENT 3 CREDITS
Fundamental principles of American democracy. Essentials of the American political system; the organization, powers, functions and services of the national government.
64. STATE AND LOCAL GOVERNMENT 3 CREDITS
History, operation and processes of state and municipal governments.
101. INTERNATIONAL RELATIONS 3 CREDITS
Contemporary international politics; nationalism; imperialism and totalitarianism; foreign policies of the major powers.
108. COMPARATIVE GOVERNMENT I 3 CREDITS
A comparative study of political systems in major parts of the world, including select European nations with the United States.
109. COMPARATIVE GOVERNMENT II 3 CREDITS
A comparative study of select Asian and African countries, their political systems and their role in world affairs.
131. LATIN AMERICAN GOVERNMENT 3 CREDITS
Problems confronting the people and governments of Latin America.
145. SOCIAL ENCYCLICALS 3 CREDITS
(See Sociology 145.)
152. CONTEMPORARY PROBLEMS 2 CREDITS
(See History 152.)

SOCIOLOGY

Major: 30 hours including 51, 62, 104, 121, 133, 142, 152.

Prospective Social Workers include also: 172, 173, 176, 177.

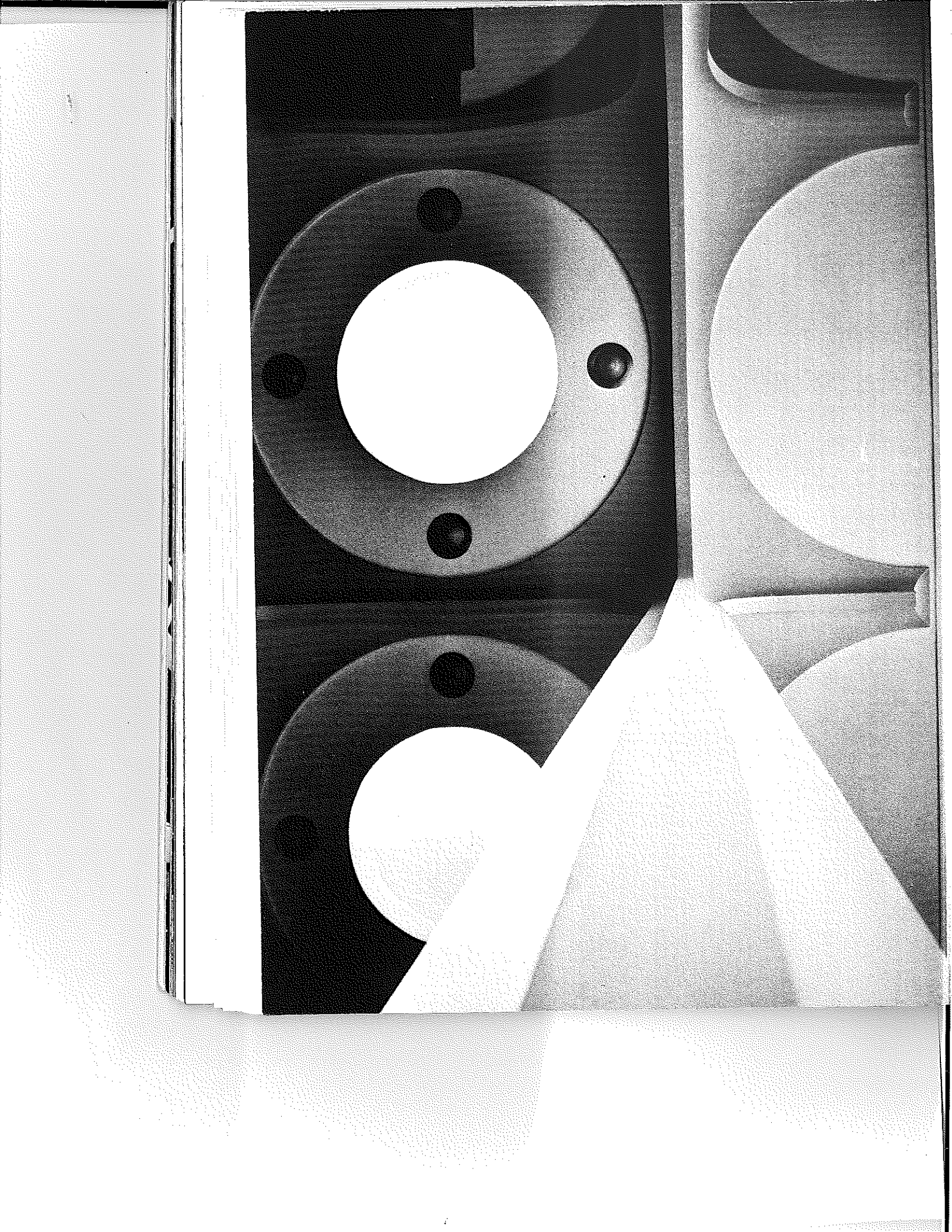
Minor: 20 hours including 51, 104, 121.

MADONNA
COLLEGE

51. ELEMENTS OF SOCIOLOGY 3 CREDITS
Foundations and principles of sociology; social order, social control, social institutions, social life.
62. INTRODUCTION TO ANTHROPOLOGY 3 CREDITS
A comparative study of man from pre-historic days to the present; man's relationship to his environment, to other members in society, and to the supernatural.
104. HUMAN DEVELOPMENT AND ADJUSTMENT 3 CREDITS
(See Education 104.)
121. SOCIAL PROBLEMS 3 CREDITS
General problems of social and physical disorganization including poverty and unemployment, crime, and delinquency, race relations, population.

133. THE FAMILY 3 CREDITS
Origin, nature and purpose of the family; effect of secularism upon modern family; the focal point of woman in the family.
136. CHILD WELFARE 3 CREDITS
Historical background of child welfare and modern child welfare problems.
137. SOCIAL PSYCHOLOGY 3 CREDITS
Problems of social behavior; social aspects of personality in group living. Prerequisite: Education 101.
142. URBAN SOCIOLOGY 3 CREDITS
Patterns, structure, function and problems of urban communities.
145. THE SOCIAL ENCYCLICALS 3 CREDITS
Social and political thought in papal documents during the 19th and 20th centuries.
146. CONTEMPORARY SOCIAL MOVEMENTS 3 CREDITS
Contemporary economic, religious, and political movements with reference to their impact on social life.
152. THE HISTORY OF SOCIAL THOUGHT 3 CREDITS
Social thought from the earliest civilizations to the present century. Emphasis placed upon the development of sociological theory and contemporary trends in the United States.
160. READINGS IN SOCIOLOGY 2-3 CREDITS
Directed readings of modern works in the various fields of sociology enabling the student to analyze social phenomena.
172. INTRODUCTION TO THE FIELD OF SOCIAL WORK 2 CREDITS
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.
173. SOCIAL WELFARE 3 CREDITS
Development and organization of social welfare; structure and scope of public assistance; function of social worker in public welfare services.
176. FIELD EXPERIENCE 3 CREDITS
Professionally supervised practical experience in social service in an agency. Prerequisite: Sociology 172.
177. FIELD EXPERIENCE SEMINAR 2 CREDITS
Relating theory to experience. Group discussions, use of actual case material, reports on selected reading. Prerequisite: Sociology 176.

SOCIAL
SCIENCES



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MADONNA
COLLEGE

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ON ADMISSIONS AND SCHOLARSHIPS
ON CURRICULUM AND EDUCATIONAL POLICY
ON LIBRARY
ON STUDENT AFFAIRS
ON TEACHER EDUCATION
ON NURSING

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

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Allen Deutelbaum, M.A.	<i>English</i>
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MADONNA
COLLEGE

ACADEMIC CALENDAR

1967-1968	First Semester	1968-1969
August		August
28-29	Registration	26-27
September		September
3-5	Freshmen Days	1-3
5	Convocation	3
6	Mass of the Holy Spirit	4
6	Classes begin 1:00 p.m.	4
October		October
30-	Mid-semester examinations begin	25
November		November
1	Feast of All Saints	1
22	Thanksgiving recess begins at noon	27
December		December
8	Feast of the Immaculate Conception	8
18-22	Semester examinations	16-20
27	Grades due	23
	Second Semester	
January		January
3-4	Registration	2-3
8	Classes begin	6
February		February
22-28	Mid-semester examinations	24-28
March		March
7-8	Retreat	6-7
April		April
10	Easter recess begins after last class	2
18	Classes resume	10
6	Senior Comprehensive Examinations	12
29-	Semester examinations begin	28-
May		May
5	Baccalaureate and Commencement Exercises	4
7	Grades due	6

ACADEMIC
CALENDAR

Summer Sessions

1968

June 24-August 2

1969

June 23-August 1

1970

June 22-July 31

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

INDEX

- Absences, 21
- Accreditation, 7
- Administration, Academic, 60
- Admission, 11
- Admission to Freshman Class, 11
- Advanced Placement, 24
- Advanced Standing, Admission to, 11
- Advisory Board, 59
- Art, 30
- Attendance, 21
- Biology, 42
- Board and Room, 13
- Board, Advisory, 59
- Board of Trustees, 59
- Buildings, 8
- Calendar, Academic, 63
- Classification of Students, 19
- Chemistry, 43
- Clubs, 9
- Committees, Faculty, 60
- Course Numbers, 20
- Dean's List, 22
- Degrees offered, 23
- Degrees, Requirements for, 23
- DIVISION OF
 - Theology and Philosophy, 27
 - Humanities, 29
 - Natural Sciences and Mathematics, 41
 - Social Sciences, 48
- Divisional Organization, 27
- Economics, 49
- Education, 49
- English, 32
- Elementary Curriculum, 50
- Entrance Requirements, 11
- Examinations
 - Admission by, 22
 - Exemption by, 24
 - Mid-semester and semester, 22
 - Special, 23
- Expenses, 12
- Faculty, 61
- Faculty Committees, 60
- Family Life, 49
- Fees, 13
- Financial Aid, 15
- French, 33
- Freshman Days, 19
- Geography, 53
- Grading System, 21
- Graduation Honors, 22
- Graduation, Requirements for, 23-24
- History, 53
- History of the College, 7
- Home Economics, 54
- Honor Point System, 21
- Honors
 - Dean's List, 22
 - Graduation, 22
- Housing, 8, 13
- HUMANITIES, DIVISION OF, 29
- Independent Study, 24
- Journalism, 34
- Latin, 35
- Library, 8
- Majors, 24
- Mathematics, 45
- Medical Technology, 46
- Minors, 24
- Music
 - Applied, 37
 - Education, 35
 - Theory, 36
- NATURAL SCIENCES AND MATHEMATICS, DIVISION OF, 41
- Nursing, 47
- Objectives, 4
- Organ, 38
- Organization, Divisional, 27
- Philosophy, 29
- Piano, 37
- Polish, 39
- Political Science, 55
- Refunds, 14
- Registration, 19
- Report of grades, 22
- Room and Board, 13
- Scholarships, 15
- SOCIAL SCIENCES, DIVISION OF, 48
- Sociology, 56
- Spanish, 39
- Speech, 40
- Student
 - Aid, 15
 - Association, 9
 - Classification, 19
 - Life, 8
 - Load, 20
 - Organizations, 9
- Teacher Education, 49
- Theology, 28
- THEOLOGY AND PHILOSOPHY, DIVISION OF, 27
- Trustees, Board of, 59
- Tuition and Fees, 13
- Unclassified Students, 12
- Voice, 38
- Withdrawal from courses, 21

