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Madonna College Bulletin 1963/1965

LOCATION

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

CORRESPONDENCE

Requests for information should b	e addressed as follows:
PRESIDENT	General interest of the College
Dean	Academic work, withdrawals
Registrar	Admission, bulletins, transcripts
Dean of Students	Personal welfare, health, housing
Business Manager	Student finances

CAMPUS TELEPHONES

President	Garfield 7-3300–Extension 8
Dean	Garfield 7-3300–Extension 11
Registrar	Garfield 7-3300–Extension 10
Residence Hall	Garfield 1-9865

THE COVER:

In keeping with the modern approach of Madonna's campus architecture, the cover design uses a series of superimposed arches to give the effect of a contemporary stained glass window symbolizing the present day vitality as well as the religious character of the College.





BULLETIN/VOL. 18/1963-1965 CONDUCTED BY THE FELICIAN SISTERS LIVONIA, MICHIGAN



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General Information

ACCREDITATION

Madonna College is accredited by the North Central Association of Colleges and Secondary Schools. It is affiliated with the Catholic University of America. The College is recognized by the Michigan State Department of Public Instruction for elementary and secondary certification. It is approved by the Michigan Board of Nursing. Madonna College holds membership in the American Association of Colleges for Teacher Education, Association of American Colleges, National Catholic Educational Association, National Commission on Accrediting, National Education Association, Higher Education Association, North Central Association Study on Liberal Arts Education, American Library Association, Association of Catholic Colleges of Michigan, Michigan Association of Colleges.

HISTORY

Madonna College is the outgrowth of the Seminary of the Felician Sisters, incorporated in 1882, under the laws of the State of Michigan, "to provide instruction for the young in several branches of learning which may qualify them for their future position in life." 5

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

OBJECTIVES

Madonna College is a Liberal Arts College for Women.

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





As a College for Women, its aim is to form women of integrated personality who will think, judge and act "constantly and consistently in accordance with right reason illuminated by the supernatural light of the example and teaching of Christ." (Encyclical, *Divini Illius Magistri.*) The end product of this formation will be a woman, who uniting in herself the diguity and restraint of a virgin with the tenderness and devotedness of a mother, will be successful in the patterns of home-making and home preserving, will be willing to minister to the physical, intellectual and spiritual needs of her neighbor in the professions and occupations suited to her nature and in this manner will contribute to the restoration and preservation of Christian culture.

General Information

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THE NEW CAMPUS

Of contemporary design, the new structure opened for occupancy in the fall of 1963, includes faculty and student residence halls, dining hall, chaplain's residence, and a home management house.

The central unit of this group is the dining hall and the student center. The dining hall is planned to provide services for 1,000 students and faculty members. The three floors of double and single rooms, sectioned into the north, east, and west wings accommodate 250 students and provide lounges, recreation areas, and a spacious hall for social functions.

The faculty residence, at the west end of this group, is a home for the religious members of the faculty.

Under construction, south of the dormitory-dining unit and separated by a small lake, is the second part of the project—the academic facilities. The administrative, academic and activity areas, relatively independent units, are linked by an elevated academic classroom-seminar-office structure, which integrates the various departments of the college into a unified complex. Iucluded in this unit are the administration building, the library with total capacity of 100,000 volumes, the science, art, music, and home economics departments.





The Psycho-Educational Center is located in Loretto Hall. It provides diagnostic, remedial and consultative services, with special emphasis ou reading, to the children and adults of the surrounding communities. It is scientifically equipped with, modern instruments designed to improve efficiency in reading.

Located on the same campus, which is a beautiful site of 320 acres, are the motherhouse of the Felician Sisters, St. Mary Hospital, and Ladywood High School.

STUDENT LIFE

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

Participation in the regular and special programs of the Sodality of the Blessed Virgin Mary and the instruction of Catechism classes widen the interest and activity of the students in the Catholic apostolate.



General Information

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To afford opportunity for the development of initiative and leadership, student organizations are enconraged. All students who register at Madonna College are members of the Student Association. The governing power of this association is vested in the Executive Council, composed of the student officers of this organization-the president, vice-president, secretary, and treasurer; the presidents of the four classes, and the presidents of the approved campus clubs and organizations such as Sodality, Literary Club, International Relations Club, Press Club, and Library Club. The purpose of the Executive Council is to supervise and coordinate campus activities and organizations, and to act as the official representative of the student body in affairs affecting the students' interests. Membership of the Student Association in the national and regional nnits of the National Federation of Catholic College Students is conducive also to the development of a sense of social responsibility.

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

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



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
- 2. Rank in the upper half of the graduating class
- 3. A minimum average of 2.5 (on a 4-point scale)
- 4. Recommendations from two qualified persons.

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 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 30 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.



For the year
Matriculation fee (at entrance only-not refundable) \$ 10.00
Tuition
Tuition per semester hour (part-time students)
Board
Rooms: semi-private
private
General fee: full time 50.00
7-11 semester hours
1-6 semester hours
Graduation fee (at graduation only) 25.00
Special Tuition
Laboratory fees, each course:
Biology
Chemistry
Home Economics: Clothiug
Foods
Resident home management 30.00
Journalism
Physics
Use of typewriter, business machines (each course) 7.50
Music: Organ, Piano, Voice (per semester) 45.00
Studio rental
Art fee varies with course
Recording fee (non-matriculated students) 2.00
Directed Teaching
Room reservation
(refunded only when student is not admitted or is
advised not to return)
Removal of grades I and X 2.00
Special examination
Late registration
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





FINANCIAL AID

Madonna College offers financial assistance to students in the form of

Scholarships

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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 Registrar before January 16. Awards will be announced in March. The request for renewal should be made in writing and presented to the President before May 1.

The student who accepts a 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 following scholarships are available:

The Mother Mary De Sales Scholarship. One-year tuition scholarships awarded annually by the College to outstanding high school seniors. Renewable on the basis of scholarship, leadership, loyalty, and character.

The Detroit Edison Company Scholarship. A scholarship for \$350 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 an entering freshman, a resident of Michigan. The amount of the grant is \$750.

The Consumer 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.

St. Mary Hospital Medical Staff Scholarship. Established in 1962. The income to be awarded annually to a student interested in nursing.

St. Mary Hospital Guild Scholarship. Established in 1962. A complete tuition award assigned annually on a non-competitive

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basis to a qualified employee of St. Mary Hospital who is interested in nursing.

STUDENT LOAN

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

SERVICE CONTRACTS

Madonna College offers to a limited number of students work opportunities as student aides in the offices, library, dining hall, classroom building, and hospital. The amount earned, which is applicable to the tuition or room and board, is determined by the number of hours the student works.



Academic Regulations

REGISTRATION

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

FRESHMAN DAYS

Freshmen report earlier than upperclass students in order to take part in an orientation program known as Freshman Days. During this period a series of tests to be used as a basis for effective counseling and placement is administered to the Freshmen. Lectures are given by the administration, faculty members, and npperclassmen, regarding the history, policies of the college, the nse of the library, study habits, social usage, student activities program, student government, etc. These orientation lectures are continued throughout the first semester on a non-credit basis. New students with advanced standing are invited and urged to participate.

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CLASSIFICATION OF STUDENTS

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

Sophomores: Those who have earned 30 credits and 60 honor points.

Juniors: Those who have earned 60 credits and 120 honor points. Seniors: Those who have earned 90 credits and 180 honor points.

STUDENT LOAD

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



COURSES OF INSTRUCTION

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

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

ATTENDANCE

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

A student who misses an examination because of an extraordinary occurrence may, within the discretion of the Dean, be permitted to request a special test for which a fee of \$2.00 will be charged.

GRADING SYSTEM

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

Grade	Significance	Honor Points
А	Excellent	4
В	Good	3
С	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.

Academic Regulations

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

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

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

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







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Full-time students who maintain a grade point average of 3.5 or better during a semester merit a place on the Dean's List. Second honors are awarded to students who average 3.25-3.4. To be eligible for either List, a student must have carried at least 15 hours for the semester except during the semester in which she is doing directed teaching.

Scholarship honors awarded at graduation are *Cum Laude*, *Magna Cum Laude*, and *Summa Cum Laude*. *Cum Laude* is awarded to those who maintain a quality point average of 3.5; *Magna Cum Laude* to those who maintain an average of 3.7; and *Summa Cum Laude* to those who maintain an average of 3.9. These honors are inscribed on the diplomas.

EXAMINATIONS

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

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DEGREE REQUIREMENTS

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

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





BASIC REQUIREMENTS FOR BACHELOR'S DEGREE
Division I
Theology and Philosophy
*Theology 16 semester hours
Philosophy 12 semester hours
Division II
The Humanities
English 12 semester hours
(Rhetoric and Composition, and Literature)
Speech
**Foreign Language 12 semester hours
Fine Arts
(Art 1, Music 2)
Division III
Natural Sciences and Mathematics
Mathematics or Science
Division IV
***Social Studies
History
Other 6 semester hours







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

- 1. No more than 40 semester hours may be taken in one subject.
- 2. At least two-thirds of the work beyond the second year must be in courses not open to first-year students.
- 3. Education courses may not be taken before the junior year.
- 4. The candidate for the bachelor's degree must complete a major of at least 30 semester hours or a group major of 36 semester hours and a minor of at least 20 semester hours or a group minor of 24 semester hours. Specific requirements for majors and minors are given with the respective departments. The choice of major and minor subjects should be made before the end of the sophomore year. Students who transfer from other institutions take at least six hours in the major subject in this college. Majors are offered in Art, Biology, Chemistry, English, History, Home Economics, Mathematics, Medical Technology, Music, Nursing, and Sociology. With the exception of Medical Technology and Nursing, minors are offered in the above and in Business, Education, French, Journalism, Latin, Polish, Spanish, Speech, and Theology.
 - *Non-Catholic students substitute Philosophy 132, 137 and 138.
 - **Students whose major is in Home Economics, Medical Technology or Nursing are exempted from the language requirement; also students in the teacher education curriculum who major in natural science.
- ***For Bachelor of Science in Medical Technology-6 semester hours in Social Studies, in Nursing-9 semester hours.



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DIVISIONAL ORGANIZATION

The Division of Theology and Philosophy-Theology, Philosophy

- The Division of the Humanities-Art, English, Foreign Languages, Music, Speech
- The Division of Natural Sciences and Mathematics-Biology, Chemistry, Mathematics, Physics, Physical Education
- The Division of Social Studies-Economics, Geography, History, Political Science, Sociology
- The Division of Applied Arts and Sciences-Business, Education, Home Economics, Journalism, Medical Technology, Nursing.

THE DIVISION OF THEOLOGY AND PHILOSOPHY

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

THEOLOGY

31, 32. THE ARCHITECT OF THE UNIVERSE 2, 2 CREDITS The First Part of the Summa Theologica of St. Thomas. The study of God in Himself and as Creator. The consideration of the existence, nature, and attributes of God by the use of reason alone, and under the light of Divine Revelation. Then the distinction of Persons, Creation, origin of evil, Angels, Man, and the Government of the World.

53, 54. THE PURSUIT OF HAPPINESS 2, 2 CREDITS The first section of the Second Part of the Summa Theologica. The study of God as the final destiny of man. The ultimate end of man and the means to that end: human acts and their moral implications; the passions; the intrinsic principles of human acts, habits both good and bad; the extrinsic principles, law and grace.



55, 56. SACRED SCRIPTURE

2, 2 CREDITS

Old and New Testaments. Study of the sacred text as a historical document, dogmatic source and moral guide. Selected readings of the Bible, encyclicals on Holy Scripture and modern approaches to biblical studies.

63. SACRED LITURGY

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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.

2, 2 CREDITS 103, 104. Ascetical and Mystical Theology A study and application of the principles of Christian perfection.

109, 110. The Fullness of Life

2, 2 CREDITS

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

141, 142. The Way of Life

2, 2 CREDITS The Third Part and the Supplement of the Summa Theologica. The study of the work of God Incarnate Who is, literally, the WAY OF LIFE. The meaning of the Incarnation and Redemption; the Blessed Virgin; the continuation of the work of Redemption in the Sacraments; and the end of the Way in either Heaven or Hell.

PHILOSOPHY

41. INTRODUCTION TO PHILOSOPHY

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

71. Logic

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

101. Epistemology

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

104. Ontology

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

107. GENERAL PSYCHOLOGY

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

Offered as needed.

132. Theodicy

2 CREDITS The study of the existence, the essence, and the attributes of God in the light of reason. Not open to those who have taken Theology 31. Offered on request.

137, 138. ETHICS

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

Offered as needed.

THE DIVISION OF HUMANITIES

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

- 1. to deepen the knowledge of the artistic heritage by the study of the outstanding cultural achievements of the great masters through the ages;
- 2. to develop and to refine the aesthetic sensitivity to the fine arts and to provide opportunities for creative expression in the areas of music, art and literature:

3 CREDITS

3 CREDITS

3 CREDITS

3 CREDITS



- 3. to enrich the student's experience and her cultural background by the study of foreign languages;
- 4. to develop the power of written and oral communication specifically through the media of newspaper, radio and television; and
- 5. to prepare teachers in the areas of humanities on primary and secondary levels.

ART

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Major: 30 hours including 1, 7 or 8, 25, 47, 88, 151 and 152. Minor: 20 hours including 1, 7 or 8, 25 or 47, 151 and 152.

1. INTRODUCTION TO THE ARTS 2 CREDITS Acquaintance with masterworks of the arts to awaken and expand appreciation.

7, 8. DRAWING AND COMPOSITION 2, 2 CREDITS Shapes of objects, perspective, composition and modeling in some media: graphite, charcoal, ink, pastels, etc., with a purpose of developing a technique most adapted to the talent of the individual student.

25. COLOR AND DESIGN 2 CREDITS The theory and understanding of line and color schemes and their application to creative problems; study of textures, shapes in the various media used in the structural projects under consideration.

47. LETTERING AND POSTER DESIGN 2 CREDITS Principles of good lettering, layouts for posters, signs, etc., manuscript writing, built-up letters, modern sign lettering in both pen and brush.

64. WATER COLOR 3 CREDITS Various techniques of water color. Special attention given to color and composition. Prerequisite: Art 7 or 8 or permission of the instructor.

88. LIFE DRAWING AND COMPOSITION 2 CREDITS Special emphasis on the study of the human figure in action, rapid and extended poses; use of varied drawing media. Prerequisite: Art 7 or 8 or permission of the instructor.

90. GRAPHIC ARTS 3 CREDITS Experimentation in a variety of media of reproduction including linoleum and woodcuts, wood engraving, etching and silk screen printing. Prerequisites: Art 7 or 8 and 25.

94. MODERN MOVEMENTS IN ART 3 CREDITS A comprehensive study of the movements in modern art through the nineteenth and twentieth centuries.

98. Beginning Oil Painting

2 CREDITS

Introduction to oil painting as a medium of expression; special emphasis on the modern approach to painting and color. Prerequisite: Art 7 or 8 or permission of the instructor.

101, 102. Art Education in the Elementary and the Secondary Schools

SECONDARY SCHOOLS 3, 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.

108. CALLIGRAPHY AND SYMBOLISM 2 CREDITS History of lettering and understanding of symbols; composition of both good lettering and Christian symbols in creative symbolic design.

 111. WEAVING AND TEXTILE DESIGN
 3 CREDITS

 Work done on a 4-barness loom, both table and floor. Special emphasis on textile design and the study of texture.

115. ART ORIENTATION THROUGH THE CRAFTS 2-3 CREDITS Fundamentals and experimentation with the media, tools and techniques in some or all of the following: leather, weaving, copper and mosaic.

131, 132. CERAMICS 2, 2 CREDITS Principles of clay modeling, constructing, glazing, decorating and firing: ceramic sculpture or pottery on a larger scale.

135, 136. PAINTING

2, 2 CREDITS





139, 140. LABORATORY IN DRAWING AND PAINTING 2-3, 2-3 CREDITS Practice in preparatory sketches for paintings of naturalistic, conventionalized and abstract subjects.

141, 142. SCULPTURE 3, 3 CREDITS Experimentation in clay and plaster; study and understanding of good sculptural forms in the various media; special attention to wood sculpture.

151, 152. HISTORY OF ART 3, 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 2-3, 2-3 CREDITS Individual study in the area of one's special interest: painting, sculpture, ceramics, etc. A major problem is undertaken and pursued throughout the term. Open only to seniors or special students interested in a major accomplishment in the creative arts.

171, 172. SEMINAR IN THE ARTS 2, 2 CREDITS Discussions of topics pertinent to the interest of the students; a thorough study of some artist, philosophy, etc.

ENGLISH

Major: 30 hours including 1, 2, 31, 32, 101 or 102, 103, 104, 105, 123, 152. Minor: 20 hours including 1, 2, 31, 32, 103, 104, 105.

1, 2. RHETORIC AND COMPOSITION 3, 3 CREDITS Training and practice in comprehension and written expression; empbasis on correctness and clarity. Classroom work consists of study of rhetorical principles, discussion of themes assigned for practice, and critical reading of selected works. Students exempt from the course on basis of test scores will take English 105, 106.

31, 32. ENGLISH LITERATURE 3, 3 CREDITS Selected texts from Beowulf to Milton; from Burns to Eliot; emphasis on evaluation and appreciation of the fundamental qualities of good literature.

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 2, 2 CREDITS Selected masterpieces of western culture: poetry, prose, drama, and fiction; reading in depth and critical analysis form rationale of course;

3 CREDITS

2 CREDITS

31

lectures provide direction in relating several cultures represented in choice of texts.

105, 106. Advanced Writing 2, 2 CREDITS Techniques of effective writing, informative and literary, coordinated with critical reading of selected works. Required of English majors and prospective teachers. Exemption determined by test scores.

113. MEDIEVAL LITERATURE

Readings in the literature of the Middle Ages with special emphasis on Chaucer as the chief exponent of the fourteenth-century life and literature. Some attention is given to linguistics.

Offered in 1963-1964.

123. DRAMA-SHAKESPEARE **3** CREDITS

Origin and development of English drama with a critical investigation of Shakespeare's dramatic qualities in a few of his representative plays. Offered in 1964-1965.

152. Senior Seminar

2 CREDITS Coordination and organization of the knowledge and experiences acquired in the various courses in English and American literature. Papers, discussions and critical analysis of literary works, poetic techniques and structures.

163. Romantic Literature 2-3 CREDITS

Rise of romanticism in English literature and the reading and study of the works of the chief Romantic writers. Offered in 1963-1964.

164. VICTORIAN LITERATURE

Readings and critical analysis of the works of major writers and their reflection of and influence on the thought and spirit of their time. Offered in 1964-1965.

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. Offered in 1963-1964.

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. Offered in 1964-1965.

181. HONORS COURSE

Independent work. Permission of the department.



FRENCH

Minor: 20 hours.

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

23, 24. INTERMEDIATE FRENCH

Review of grammatical principles; more oral and aural practice to improve the student's ability to use French; readings from standard French authors to serve as a point of departure for conversation and some written composition. Prerequisite: French 2.

3 CREDITS **103. FRENCH CIVILIZATION** Historical, social and cultural background of France; the influence and contribution of French literature, art, music and thought to western civilization. Prerequisite: French 24.

3, 3 CREDITS 107, 108. SURVEY OF FRENCH LITERATURE The outstanding authors representing the chief periods of French literature from its beginnings to the present. Lectures, collateral readings, oral discussions and reports. Prerequisite: French 24.

LATIN

32

Minor: 20 hours.

3, 3 CREDITS 1, 2. Elementary Latin Elements of Latin grammar; easy reading and translation; reading selections from the Gallic Wars.

Offered on request.

3 CREDITS **3. CICERO AND COMPOSITION** Selected orations: In Catilinam, Pro Lege Manila, In Verrem; special uses of cases and moods; practice in composition. Prerequisite: 2 units of bigh school Latin.

Offered in 1963-1964.

4. VERGIL

3 CREDITS

Selections from Aeneid, Book 1 to 6; syntax of Latin poetry; metrical reading. Prerequisite: 3 units of high school Latin. Offered in 1963-1964.

11, 12. LATIN WRITING

2-3, 2-3 CREDITS

3, 3 CREDITS

Grammatical principles and idiom of Latin language; practice and skill in writing by the study of the prose selections from the representative Latin writers, e.g. Cicero, Seneca, Horace, Juvenal, Martial, Tacitus, Livy.

41. HORACE

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3 CREDITS Odes and Epodes. Reading and interpretation; Latin adaptation of Greek lyric forms; the literary influence of Horace. Offered in 1963-1964.

101. LETTERS OF CIČERO AND PLINY

3 CREDITS A reading of selected letters. A comparison of Cicero's and Pliny's style in the development of epistolary art. Collateral reading and reports on the letter as a form of literature in English. Offered in 1964-1965.

123. The Epic

Theme of the Aeneid, Books VII to XII, and the relation to earlier and later epic with emphasis on the construction and technique of the epic; study of the story as a whole stressing the figures of myths encountered and an analysis of the many elements of Roman religion which form the heart of Vergil's epic; interpretative reading. Prerequisite: Latin 4.

153. MEDIEVAL LATIN LITERATURE

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

MUSIC

Applied Music

Minor: 20 hours.

Piano

For entrance to a credit course, the student must 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, Mozart or Beethoven; some composition of Schumann, Grieg, Debussy, or other romantic or modern composer.

13, I4. 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.

3 CREDITS

1 :



123, 124. PIANO

34

2, 2 GREDITS

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;

2, 2 CREDITS

Organ

Chopin Ballade, work by a contemporary composer.

15, 16. Organ

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 11, 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.
The Humanities

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; legato vocal habits.

Theory

Major in Music Education: 30 hours including 11, 12, 25, 47, 48, 65, 101, 102, 103, 104, 107 or 133-134, 111, 114, 126.

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

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. Recommended for non-music majors; required of Sister students.

2. INTRODUCTION TO MUSIC

2 CREDITS Works of the masters studied against the background of their times to develop understanding, enjoyment and appreciation of music as an art. Lecture 1 hour, laboratory 2 hours.

11, 12. Fundamentals of Musicianship

2, 2 CREDITS Aural, visual, and written approaches to musicianship; solfeggio, sight singing, ear training, dictation, harmony, and keyboard barmony; treatment of four-voiced texture, modulations, salient aspects of chromatic harmony. Lecture 2 hours, laboratory 1 hour.

25. DICTATION AND EAR TRAINING

3 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

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

47, 48. MUSIC IN THE ELEMENTARY SCHOOL

2, 2 CREDITS Objectives, procedures, and materials for primary and intermediate grades, including: treatment of the child voice, procedures for the de-

velopment of the hesitant singer, selection and presentation of rote, observation, and reading songs; approach to music reading; part-singing.

65, 66. GREGORIAN CHANT 2, 2 CREDITS Presentation of Gregorian notation, modes, rhythm; characteristics of Latin accent; phrasing of liturgical melodies; chironomy; propers of the Mass, psalmody, hymnody.

2, 2 CREDITS 101, 102. HARMONY Application of fundamentals of musicianship to figured accompaniments; study of chromatic harmony, altered and mixed chords, regular and irregular resolutions of dissonances, modulations, non-harmonic tones, melodic figuration; practical work at the keyboard.

103, 104. HISTORY OF MUSIC 2, 3 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

36

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

111. FORM AND ANALYSIS 2 CREDITS Simple structural elements of musical composition as applied to form, from the simple song forms to the souata and symphony; harmonic and structural analysis of representative works; study of the score.

114. PIANO PEDAGOGY

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

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.

Ensemble

1 CREDIT

2 CREDITS

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

POLISH

Minor: 20 hours.

1, 2. ELEMENTARY POLISH 3, 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 CREDTTS Representative works of Polish dramatists and prose fiction writers from the sixteenth to the twentieth centuries.

103, 104. POLISH CIVILIZATION 3, 3 CREDITS A study of important phases of the geographical, historical, social, and religious background of Poland with emphasis on the cultural and scientific contributions to the Western world culture.

SPANISH

Minor: 20 hours

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

23, 24. INTERMEDIATE SPANISH Systematic review and further study of grammar and of the more usual idiomatic expressions. Conversation based on readings from Spanish and Latin American authors. Prerequisite: Spanish 2.

103. HISPANIC CIVILIZATION 3 CREDITS Readings in Spanish on important aspects of the historical, social, religious, and cultural development of Spain and of Spanish America as a basis for conversation. Prerequisite: Spanish 24.

107, 108. SURVEY OF SPANISH LITERATURE 3, 3 CREDITS Main currents in the development of Spanish literature from its heginning to the present day. Readings and discussions of selected works representative of the various periods. Prerequisite: Spanish 24. Offered as needed.



SPEECH

Minor: 20 hours including 1, 51, 62, 111.

1. FUNDAMENTALS OF SPEECH 2 CREDITS Development of voice and speech mechanism; practice in the application of correct habits in speaking and reading.

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 of selections 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.

Offered in 1963-1964.

2 CREDITS

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

103. WRITING FOR RADIO AND TELEVISION 2 CREDITS Analysis of current radio and television programs of various types;

editing scripts, writing and direction and recording programs. Prerequisite: Speech 71.

107. Acting

38

2 CREDITS

Basic techniques of acting; pantomime, improvisation; class demonstration of one-act plays. Lecture 1 hour, laboratory 2 hours. Offered in 1963-1964,

108. Advanced Acting

2 CREDITS Dramatic presentation, analysis and interpretation of roles of the character in relation to the play as a whole, the mood, tempo and plot; interpretation of the intellectual and emotional elements of the play through the medium of voice and action; presentation of a play. Lecture 1 hour, laboratory 2 hours. Prercqusite: Speech 107. Offered in 1964-1965.

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.

THE DIVISION OF

NATURAL SCIENCES AND MATHEMATICS

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

- 1. To awaken intellectual curiosity and to form habits of logical analysis, sound judgment, and critical thinking.
- 2. To maintain scientific discipline while fostering an appreciation of the role of scientific knowledge in a true culture and an awareness of God's design in the universe.
- 3. To inculcate habits of initiative, industry, objectivity, accuracy in technique and in oral and written expression.
- 4. To lay the foundation and give the perspective necessary for the pursuit of advanced study in natural sciences and/or for professional work best suited to the abilities and womanly qualities of the student.

DIVISIONAL COURSES

1

1. PRINCIPLES OF PHYSICAL SCIENCES 3 CREDITS A lecture-demonstration course in the fundamental principles of physics, chemistry, and some astronomy designed to give the non-science major an understanding, appreciation, and interest in science. Lectures, demonstrations.

2. PRINCIPLES OF BIOLOGICAL SCIENCES 3 CREDITS Biological principles and their human implications for the non-science majors. Lectures, demonstrations.

171. COORDINATING SEMINAR IN NATURAL SCIENCES 1 CREDIT Integration and correlation of the various phases of physical sciences. Preparation and presentation of research papers, discussion and critical analyses. Required of all science majors. Offered in alternate years and open to juniors and seniors.



BIOLOGY

Major: 30 hours including 1, 2, 101, 111, 156, 171 and 6 hours in other upper division courses. Prerequisites from other fields: Chem. 30, 31 or equivalent, and one year of Mathematics.

Minor: 20 hours including 1 and 2 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.

1, 2. GENERAL BIOLOGY 4, 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 nonmajors. Lecture 3 hours, laboratory 4 hours.

51. Genetics

2-3 CREDITS

Fundamental laws and theories of heredity in plants, animals and man. Lecture 2 hours, laboratory 2 hours.

101. Comparative Anatomy of Vertebrates 4 CREDITS A comparative study of the structure of the vertebrates; detailed dissection of representative forms. Lecture 2 hours, laboratory 4 hours.

107. Invertebrate Zoology

3 CREDITS Biological principles of invertebrate animals; fundamentals of parasitology. Lecture 2 hours, laboratory 2 hours. Offered in 1963-1964.

111. GENERAL BOTANY

Fundamental structure and physiology of plants. Lecture 2 hours, laboratory 2 hours.

Offered in 1964-1965.

126. Migrobiology

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

4 CREDITS Microscopic structure of tissues and organs of vertebrates. Lecture 2 hours, laboratory 4 hours. Offered in 1963-1964.

141. Embryology

4 CREDITS

3 CREDITS

Fundamentals of vertebrate development. Lecture 2 hours, laboratory 4 hours.

143. BIOCHEMISTRY (See Chemistry 143.)

5 CREDITS

156. GENERAL PHYSIOLOGY

4 CREDITS Principles of physiology and the mechanisms underlying the life processes. Lecture 2 hours, laboratory 4 hours. Prerequisites: Chem. 30, 31 or equivalent.

Offered in 1964-1965.

- 165. BIOLOGICAL READINGS 2 CREDITS Readings and discussions of classical and modern advances in Biology. Offered in 1964-1965.
- 171. COORDINATING SEMINAR IN NATURAL SCIENCES 1 CREDIT (See Divisional Courses.)

CHEMISTRY

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1

Major: 30 hours including Chem. 31, 53, 103, 123, 153, 154, 171, 173.

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

Minor in Physical Science: 24 hours including 8 hours in Physics, 6 hours in Mathematics, 10 hours in Chemistry. Strongly recommended for students contemplating teaching science in secondary schools.

23. GENERAL INORGANIC CHEMISTRY

4 CREDITS Fundamental laws and theories and applications of inorganic chemistry. Designed for students in nursing education, home economics, and physical science minors. Not open to chemistry majors and minors. Lecture 2 hours, laboratory 4 hours.

30. INTRODUCTORY COLLEGE CHEMISTRY

3 CREDITS Basic principles of modern chemistry and their applications. Lecture 2 hours, laboratory 2 hours.

31. GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS

5 CREDITS A more extensive study of the modern concepts, with emphasis on equilibrium, ionization, oxidation-reduction, law of mass action, chemical equilibria, including some nuclear science. The laboratory work is mainly systematic semimicro separation and identification of the common cations and a few anions. Lecture 3 hours, laboratory 4 hours. Prerequisite: Chem. 30 or B in high school chemistry.

53. QUANTITATIVE ANALYSIS

4 CREDITS Theory and technique of gravimetric and volumetric analysis, chemical calculations. Lecture 2 hours, laboratory 4 hours. Prerequisites: Chemistry 31 and one year of college mathematics.





61. ORGANIC CHEMISTRY AND INTRODUCTORY BIOLOGICAL 4 CREDITS Introduction to the structure, composition, and reactions of carbon compounds of physiological importance. Chemistry of carbohydrates, lipids, and proteins and study of fundamental principles of basic life processes. Not open to chemistry majors and minors. Lecture 3 hours, laboratory 2-3 hours.

103. Organic Chemistry

6 CREDITS

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

123. SPECIAL METHODS OF QUANTITATIVE ANALYSIS 3 CREDITS Theory and application of more advanced methods of chemical analysis including topics of colorimetry, spectrophotometry, clectroanalysis, radioactivity and other modern techniques. Lecture 1 hour, laboratory 4-5 hours. Prerequisites: Chemistry 31, 53.

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 and their compounds. Lecture 1 hour, laboratory 4 hours.

Natural Sciences and Mathematics

143. General Biochemistry

5 CREDITS Qualitative and Quantitative study of the chemical principles as applied to physiological processes; some fundamental concepts of radioactivity with emphasis on biological aspects of radiation. Lecture 3 hours, laboratory 4 hours. Prerequisites: Biology 1, 2; Chemistry 53, 103, 123.

153, 154. Physical Chemistry

4, 4 CREDITS

Fundamental theoretical chemistry, atomic theory and structure of matter, laws of gases, liquids and solutions; electro- and thermochemistry; chemical kinetics; basic principles of radioactivity and the use of radioisotopes in the study of chemical reactions. Lecture 3 hours, laboratory 3-4 hours. Prerequisites: Mathematics through calculus, Physics 1, 2; Chemistry 53, 103.

171. COORDINATING SEMINAR IN NATURAL SCIENCES 1 CREDIT (See Divisional Courses.)

173. Theoretical Inorganic Chemistry **3** CREDITS Modern structural concepts and nuclear chemistry; bonding and bond energies coordination compounds and stereochemistry, radioactivity, and nuclear transformations.

MATHEMATICS

Major: 30 hours. Minor: 20 hours.

3, 4. BASIC MATHEMATICS 3, 3 CREDITS Required of science majors entering with less than three units of high school mathematics; not applicable towards a mathematics major or minor.

5, 6. INTEGRATED ALGEBRA AND TRIGONOMETRY 3, 3 CREDITS Topics in college algebra and trigonometry most useful for the integrated course in analytic geometry and calculns.

41, 42. FUNDAMENTAL CONCEPTS OF MATHEMATICS 2, 2 CREDITS For teachers of arithmetic; structure of the real number system; basic concepts of algebra; informal geometry; not applicable towards a mathematics major or minor. Required of prospective teachers.

51, 52. CALCULUS WITH ANALYTIC GEOMETRY 4, 4 CREDITS Elements of plane geometry through the conics, coordinate systems, transformation of coordinates; differentiation and integration of algebraic, logarithmic, exponential, and trigonometric functions with applications.

105. INTRODUCTION TO HIGHER ALGEBRA 3 GREDITS Algebraic systems; properties of integers, rational, real and complex



numbers; congruences; introduction to groups, rings, integral domains, fields, vectors, matrices and determinants. Offered in 1964-1965.

106. ELEMENTARY ANALYSIS 3 CREDITS Limits and continuity, infinite series, expansion of functions, partial differentiation, multiple integrals, hyperbolic functions. Offered in 1964-1965.

111. ELEMENTARY SET THEORY 3 CREDITS Symbolic logic and set theory; Boolean algebra; cardinality. Offered in 1963-1964.

131. HISTORY OF MATHEMATICS 2 CREDITS Development of mathematical concepts and contributions of leading mathematicians.

135. PROBABILITY AND STATISTICAL INFERENCE. 2 CREDITS Variability, permutations, combinations and binomial theorem; general theory of probability for finite sample spaces; statistical applications of probability.

Offered in 1963-1964.

143. DIFFERENTIAL EQUATIONS 2 CREDITS Ordinary differential equations of first and second order with applications to geometry, physics, and chemistry.

145. COLLEGE GEOMETRY 2 CREDITS Geometric properties of the triangle and the circle developed since the time of Euclid.

146. ADVANCED TOPICS IN GEOMETRY 3 CREDITS Postulational approach to synthetic projective geometry; principle of duality; analytic projective geometry; projective, affine, Euclidean transformations.

Offered in 1963-1964.

171. COORDINATING SEMINAR l CREDIT Directed reading and study of the unifying principles of mathematics.

PHYSICS

1, 2. GENERAL PHYSICS Fundamental principles of mechanics, heat, magnetism, electricity, sound and light. Lecture 2 hours, laboratory 4 hours.

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: a minimum of two years of college mathematics.

PHYSICAL EDUCATION AND HEALTH

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

31. PHYSIOLOGY AND HYGIENE 2 CREDITS Fundamental principles of anatomy and physiology of the human body.

43. FIRST AID 2 CREDITS A knowledge of first aid for injuries in the home, school and community.

THE DIVISION OF SOCIAL STUDIES

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

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

ECONOMICS

50. PRINCIPLES OF ECONOMICS **3** CREDITS Economics: its nature and problems, production, income, consumption, price determination, distribution of national income, money, credit and banking, government finance, domestic economic problems, international economic problems, comparative economic systems.

151. ECONOMIC HISTORY OF THE UNITED STATES

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

GEOGRAPHY

1. PRINCIPLES OF GEOGRAPHY 3 CREDITS Basic principles of modern geography; elements of meteorology; climate; resources; the interaction of environment and man in various regions of the world.



HISTORY

Major: 30 hours including 1, 2, 31, 32, 171, and 16 hours in upper division courses.

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

1, 2. WORLD CIVILIZATION

3, 3 CREDITS Development of religious, economic, political and cultural trends from the earliest origins of man to 17th century; and from the 17th century to the present times, with special emphasis on the various factors of change in the ancient and medieval cultures of the world basic for an understanding of contemporary problems especially in Europe, Asia and the Americas.

31, 32. American History 8, 3 CREDITS Political, social, economic and cultural development of the United States from the early colonial period, through the Revolution, the period of national expansion and the Civil War; major problems in the development of the United States through the period of Reconstruction, Big Business, Imperialism, and the two World Wars to the present World Leadership.

105, 106. CHURCH HISTORY 2, 2 CREDITS From the beginning of Christianity to the Middle Ages. From the Middle Ages to the present time.

115. MEDIEVAL CIVILIZATION, 476-1600 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. Offered in 1963-1964.

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. Offered in 1964-1965.

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.

Offered in 1964-1965.

152. Contemporary Problems

2 CREDITS

An appraisal of the present economic, political, social and cultural problems as reported in the press and on the radio.

153. UNITED STATES IN THE TWENTIETH CENTURY

3 CREDITS Development of the United States as a world power; the social, economic, cultural and political changes in the contemporary era.

161. HISTORY OF LATIN AMERICA

Colonial period, the struggle for independence, the rise of nations, with special stress on the present relations with the United States. Offered in 1963-1964.

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; through World War I and II to recent crisis and to problems of contemporary times.

Offered in 1964-1965.

165. HISTORY OF RUSSIA

3 CREDITS Cultural and political history of early and modern Russia with emphasis on contributions of the Romanovs, cspecially of Peter the Great and Catherine the Great towards the westernization of modern Russia; various phases of Soviet foreigu and domestic policy in the nineteenth and twentieth centuries; reaction and repression; the Revolutions of 1905 and 1917; World War I and II and post-war era of U.S.S.R.

Offered in 1963-1964.

171. Senior Seminar

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

POLITICAL SCIENCE

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.

101. INTERNATIONAL RELATIONS **3** CREDITS Contemporary international politics; nationalism; imperialism and totalitarianism; foreign policies of the major powers. Offered in 1963-1964.

145. Social Encyclicals (See Soc. 145.)

3 CREDITS

152. Contemporary Problems (See Hist. 152.)

2 CREDITS

47



SOCIOLOGY

Major: 30 hours including 51, 121, 133, 137, 145, 146. Minor: 20 hours including 121, 145, 146.

51. Elements of Sociology **3** CREDITS Foundations and principles of sociology; social order, social control, social institutions, social life.

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.

Offered in 1963-1964.

48

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. Offered in 1963-1964.

136. CHILD WELFARE 2 CREDITS Historical background of child welfare and modern child welfare problems. Offered in 1964-1965.

137. Social Psychology **3** CREDITS Problems of social behavior; social aspects of personality in group living.

Offered in 1964-1965.

145. The Social Encyclicals

3 CREDITS Social and political thought in papal documents during the 19th and 20th centuries. Offered in 1964-1965.

146. CONTEMPORARY SOCIAL MOVEMENTS 2-3 CREDITS Contemporary economic, religious, and political movements with reference to their impact on social life.

Offered in 1963-1964.

152. The History of Social Thought **3** CREDITS Social thought from the earliest civilizations to the present century. Particular emphasis placed upon the development of sociological theory in the United States and contemporary modern trends. Offered in 1963-1964.

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.

Offered as needed.

175. General Social Case Work Processes 2 CREDITS Orientation course in case work introducing methods of giving services to individuals through such agencies as family welfare agency, public welfare departments, and juvenile courts.

THE DIVISION OF APPLIED ARTS AND SCIENCES

Curricular programs within the framework of liberal arts but geared toward professional preparation of students constitute the Division of Applied Arts and Sciences. In this division are included the areas of study in which application of the principles of arts and sciences is emphasized: business, education, home economics, journalism, medical technology, nursing, and sociology as preparation for social work. The aim of this division is to give such flexibility to the curriculum which will develop in a liberally educated person the competence and skills basic to the particular professions.

BUSINESS

Minor: 20 hours including 17, 53 or 54, 55 and 56.

11, 12. TYPEWRITING 2, 2 CREDITS Keyboard control; typewriting technique; acceleration and skill practice; development of accuracy; centering, tabulation, and letter writing. Four hours a week each semester; without credit toward the degree. Offered on request.

13, 14. Stenography

Fundamental principles and theory of Gregg Shorthand. Offered in 1963-1964.

17. Advanced Typewriting

2 CREDITS Speed practice, figure tabulation, stenciling, mimeographing, various styles of business letters, manuscript and legal forms. Prerequisites: Bus. 11 or 12.

53, 54. Office Management and Practices 2, 2 CREDITS Theory of office management combined with office practices and techniques; management and organization of the office; functional office layout and equipment; office personnel: selection, training, and supervision; automation in the office, organizing and controlling office services; executive control of office work; filing, business correspondence, and office machines.

Offered in 1964-1965.

2, 2 CREDITS



55, 56. ACCOUNTING 3, 3 CREDITS Fundamental principles of accounting as applied to sole proprietorships, partnerships, and corporations: the accounting cycle, working papers, financial statements, controlling accounts, subsidiary ledgers, basic partnership problems and principles of corporation accounting.

Offered in 1963-1964.

105. PRINCIPLES OF MARKETING 3 CREDITS Evolution and nature of modern marketing methods, selection and use of wholesale and retail channels of distribution; problems of the consumer; marketing functions, policies, costs, and government relationship. Offered in 1964-1965.

137. BUSINESS LAW 3 CREDITS Law in relation to business contracts, negotiable instruments, sales, agencies, partnerships, corporations, and bailments.

Offered in 1964-1965.

143, 144. ADVANCED DICTATION AND TRANSCRIPTION 3, 3 CREDITS Development of speed in taking and transcribing shorthand notes, with special emphasis on accuracy. Prerequisites: Bns. 13, 14.

Offered in 1963-1964.

50

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

1. A point average of 2.0 or higher

2. A minimum of 30 hours of contact with children

3. Proficiency in oral and written communication and reading

4. Personal integrity, emotional stability, and social competence

5. Good physical condition-vision, hearing, and general health

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

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

- 1. Complete work in one major of 30 semester hours or one group major of 36 semester hours.
- 2. Complete a planned program of 20 semester honrs in elemen-

Applied Arts and Sciences

tary curriculum, or a teaching minor of 20 semester hours or a group minor of 24 semester hours for secondary certification.

3. Complete 20 semester hours of work in professional education.

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

EDUCATION

⁻ 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.

⁻ 104. Human Development and Adjustment

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 aud 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.

124. EDUCATIONAL MEASUREMENTS

3 CREDITS

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. Audio-Visual Aids

2 CREDITS

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

Offered on request.

.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 teacherlibrarian and school library patrons in mind. Laboratory work.

150. PRINCIPLES OF BOOK SELECTION

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.

152. DIRECTED OBSERVATION OF METHODS AND MATERIALS

IN THE ÉLEMENTARY SCHOOL 2 CREDITS Methods and materials in the elementary school curriculum; opportunities for observing instructional activities; participation in professional laboratory experiences.

153 to 164. Directed Observation of Methods and

MATERIALS IN THE SECONDARY SCHOOL 2 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.

Offered as needed. 153. METHODS IN ENGLISH

52

157. Methods in Social Studies

159. METHODS IN MATHEMATICS

160. Methods in Art

163. METHODS IN SCIENCE

164. METHODS IN HOME ECONOMICS

165. Directed Teaching

ships in the school.

3-6 CREDITS

3 CREDITS

3 CREDITS

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

167. Foundations of Education I

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 historical development, functions and responsibilities; the teacher in the American school system; intercultural relation-

170. READING AND OTHER LANGUAGE ARTS IN THE

ELEMENTARY SCHOOL

Fundamentals of reading instruction; principles and methods of teaching writing, spelling, listening and speaking.

172. Improvement of Reading

3 CREDITS

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3 CREDITS

Identification of reading difficulties; methods in diagnostic and remedial work; use of tests and clinical apparata in improvement of reading: observation and laboratory experiences with children in the Psycho-Educational Center.

174. MATHEMATICS FOR TEACHERS 2 CREDITS

Content and method of contemporary mathematics for elementary grades with consideration of current literature in mathematics education. Prerequisites: Math. 41, 42.

175. Workshop in Reading and Listening

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

187. SCHOOL Administration and Supervision

3 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

3 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.

HOME ECONOMICS

Major: 30 bours including 11, 16, 53, 56, 63, 121, 127, 153, 158. Requisites from other fields: Chem. 23, 61.

Minor: 20 hours including 11, 16, 121, 157, or 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

Fabrics, with reference to construction, finish, characteristics, fibers, use

and care of; application to clothing and the house. Lecture 2 hours, laboratory 2 hours.

Offered in 1963-1964.

2 CREDITS 56. COSTUME DESIGN Principles of color and design as related to dress, personality types; creative and adaptive designing for various occasions. Offered in 1964-1965.

3 CREDITS **63. NUTRITION AND DIETETICS** Basic concepts of nutrition applied to maintenance of health, growth and development and their application to diet therapy in the treatment of disease.

Offered in 1963-1964.

3 CREDITS 104. HUMAN DEVELOPMENT AND ADJUSTMENT (See Education 104.)

121. MEAL SERVICE

Planning, preparation, and service of meals for various occasions with special reference to selection and to cost. Lecture 2 hours, laboratory 2 hours.

Offered in 1964-1965.

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.

Offered in 1963-1964.

133. The Family (See Sociology 133.) Offered in 1963-1964.

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. Offered in 1964-1965.

3 CREDITS 153. Advanced Clothing Garment construction in silk and wool material based on the nse of commercial patterns and pattern alterations; principles of fitting. Offered in 1963-1964.

155. HISTORIC COSTUME

3 CREDITS The historic background of the various periods of dress with reference to its influence on contemporary dress.

Offered in 1963-1964.

54

3 CREDITS

157. Home Planning

2 CREDITS Planning the family house according to the principles of art, economy, and comfort; house plans and housing legislation; survey of historic and modern architectural styles. Offered in 1964-1965.

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. Offered in 1964-1965.

161. Advanced Nutrition

3 CREDITS Relation of physiological status and nutritional deficiency with special emphasis on the prevention and therapy of nutritional diseases. Study of current literature dealing with medical investigatious in the science of nutrition. Prerequisites: H. Ec. 63; Chem. 23, 61.

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; elements of mechanical production of the newspaper; legal aud ethical aspects; analysis of modern trends and techniques. 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; objectivity and morality of value judgments.

120. HISTORY OF JOURNALISM

Historical development of the press in the United States; a survey of American newspapers and newspapermeu; 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. Offered in 1964-1965.

145. SCHOOL PUBLICATIONS 2-3 CREDITS Purpose, content, and layout of school newspapers, yearbooks, and 55



magazines; staff organization and direction; business management. Offered in 1963-1964.

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 S 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. Offered in 1964-1965.

MEDICAL TECHNOLOGY

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

The student in Medical Technology in the first three academic years takes a minimum of 98 semester hours in a recommended program at the College; in the fourth year, she serves a twelvemouth period of internship at a hospital approved by the Registry of Medical Technologists. Although the student is free to choose any approved school, Madonna College is affiliated with St. Mary Hospital in Livonia and St. Mary Hospital in Saginaw.

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

NURSING

1, 2. ORIENTATION TO NURSING I, II CREDIT An orientation to the basic collegiate nursing program and the philosophy and concepts of nursing in contemporary society.

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, 5 CREDITS Basic fundamental principles of nursing care, related to techniques, treatments and nurse-patient rapport meeting the physical, emotional and spiritual needs of the patient. Prerequisites: Bio. 43 and Nurs. 31.

Applied Arts and Sciences

64. Pharmacology

2 CREDITS Fuudamentals of pharmacology; pharmacologic agents commonly used in treating disease; their properties, action, effects and administration, as a foundation for application in all clinical areas. Prerequisites: Bio. 43, Nurs. 53; corequisite Nurs. 54.

105, 106. MEDICAL-SURGICAL

10, 10 CREDITS

A study of: the complex needs of patients with medical and surgical diseases; the causes of the pathology; the underlying principles used in its medical treatment; and the comprehensive nursing care involved. Prerequisites: Nurs. 53, 54, 64 and H. Ec. 63.

131. MATERNITY NURSING

9 CREDITS Principles of obstetrics; maternity and newborn nursing care; parenteducation; community resources for maternal and infant care.

143. NURSING OF CHILDREN

9 CREDITS Growth and development of children; effects of disease and hospitalization on the individual child, his parents and family; community resources for child welfare.

147. PSYCHIATRIC NURSING

9 CREDITS Principles of psychiatric nursing applied to nursing care of patients with emotional and psychotic disorders; focus on the role of the nurse in a psychiatric setting.

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.

162. PUBLIC HEALTH NURSING 2 CREDITS Basic concepts of public health practice with emphasis on public health nursing.

163. FIELD PRACTICE IN PUBLIC HEALTH NURSING

5 CREDITS







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59

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Sister Mary Calasantia, M.A.H.A.	Consulting Nurce
Sister Mary Walbnrga, R.N., B.S.	Resident Nurse

DEVELOPMENT

Theodore F. Zukosky Dire

FACULTY COMMITTEES

1

ON ADMISSIONS AND SCHOLARSHIPS The Registrar, the Dean, the Director of Nursing and a Faculty Member



On Curriculum and Educational Policy

The Dean, the Registrar, the Director of Nursing and the Divisional Chairmen

ON LIBRARY

The Librarian, the Dean, and the Divisional Chairmen

ON CAMPUS LIFE

The Dean of Students, Resideut Supervisors, and Student Representatives

ON TEACHER EDUCATION

Coordinator of Teacher Education, Chairman of the Department of Education, Community School Supervisors, and a Faculty Representative of each Division

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

THE FACULTY

60

THE DIVISION OF THEOLOGY AND PHILOSOPHY

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

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Sister Mary Damascene, Ph.D English
Sister Mary David, M.F.A.
Sister Mary Hubert, M.Ed Music
Sister Mary Hugolina, Ph.D French, Spanish
Lee O'Connell, M.A English, Speech
Sister Mary Paulette, M.M. Music
Sister Mary Raynelda, Ph.D English
Sister Mary Valentine, M.A English
Sister Mary Yolanda; M.A Latin, Polish
THE DIVISION OF NATURAL SCIENCES AND MATHEMATICS
Sister Mary Bonavita, M.S. Physics

Sister Mary Danutha, M.S. Bid	ology
Sister Mary Dennis, Ph.D Chem	istry
Sister Mary Gerard, M.S Mathem	atics
Sister Mary Joela, M.S Chem	istry
Sister Mary Karen, M.A Mathem	atics
Sister Mary Virgilia, M.S. Mathem	atics
Barbara Hall, B.S Physical Educe	ıtion

THE DIVISION OF SOCIAL STUDIES

Sister Mary Chester, M.Ed.		Economics
Sister Mary Julia, M.S.S.W.		Sociology
Sister Mary Martin, M.A.	•••••••••••••••••••••••••••••••••••••••	History

Directories

Sister Mary Nunciata, M.A.	acialam
Sister Mary Petronia, M.A.	JT: .
Sister Mary Demicio MA	History
Sister Mary Remigia, M.A	Science
Sister Mary Sigmunda, M.A.	History

THE DIVISION OF APPLIED ARTS AND SCIENCES

2 <u>- 1</u>

Sister Mary Assumpta, M.S.Ed
Barrier and Berlina, M.A.
Education
Home Economics
Businester, M.Ed.
Home Economics
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Very Reverend Vincent J. Horkan, Ph.D. Education
Sister Mary Humilitas, M.S.N. Nursing
Sister Mary Lanriana, Ph.D. Education
Sister Mary Martina, Ph.D. Education
Nousin -
Township Township
Frederick Radziałowski, M.S
Sister Mary Theresilla, M.A
, Education



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YEARLY CALENDAR

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Academic Calendar

ACADEMIC CALENDAR

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AGADEM	IC CALENDAR					
1963-1964	First Semester	1964-1965				
September						
16-18	Freshman Days	September 16-18				
18	Mass of the Holy Spirit					
18	Registration	18				
19	Classes begin	18				
October	Chasses Degin	21				
4	Feast of St. Francis of Assisi	October				
November	reast of St. Francis of Assist	4				
I	Feast of All Saints	November				
11-15		1				
	Mid-semester examinations	9-13				
28, 29	Thanksgiving recess	25, 26				
December		December				
8	Feast of the Immaculate Conception	8				
20	Christmas recess begins after last class	18				
January		January				
6	Classes resume	4				
20	Semester examinations begin	18				
	Second Semester					
24	Registration-Seniors and Juniors	00				
29	Registration–Sophomores and Freshmen	22 27				
27-29	Students' Retreat					
February	statents Reticat	25-27				
3	Classes begin	February				
March	Glasses Degin	1				
18-24	Mid som osten and and i	March				
10-41	Mid-semester examinations	29-Apr. 2				
25	Fostor mesors has ' for his h	April				
	Easter recess begins after last class	14				
April	Claure					
6	Classes resume	26				
10, 11	Graduate Record Examinations	9, 10				
		May				
25	Senior Comprehensive Examinations	1				
May						
25	Final examinations begin	27				
30	Memorial Day	30				
June		June				
1	Baccalaureate and Commencement Exercises	. 3				
Summer Session						
June		Tuno				
22	Registration	June				
24	Classes begin	20				
24	Mass of the Holy Spirit	22				
August	state of the more oping	22				
1-2	Final examinations	July				
	- max crammations	30-31				

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

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