

S. H. Angelle

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MADONNA

MC

COLLEGE

1969

1973

BULLETIN

COMMUNICATION WITH THE COLLEGE

Post office address:

Madonna College
36600 Schoolcraft Road
Livonia, Michigan 48150

CORRESPONDENCE

THE PRESIDENT General interest of the College
THE ACADEMIC DEAN Academic work, withdrawals
THE REGISTRAR Transcripts
THE DEAN OF STUDENTS Student welfare, health, housing
THE DIRECTOR OF ADMISSIONS . Admissions, bulletins, scholarships
THE BUSINESS MANAGER Student finances

TELEPHONES: Area Code 313

College 425-8000
425-8001
534-8280

Faculty Residence as above and 422-9835

Residence Halls

Angela Hall I	421-9604
Angela Hall II	421-9658
Angela Hall III	422-9465
Marian Hall L	422-9466
Marian Hall I	421-9698
Marian Hall II	421-9720
Regina Hall II	421-9838
Regina Hall III	422-9546

Madonna College guarantees the right to equal educational opportunity without discrimination because of race, religion, color, or national origin. Form HEW-441, Assurance of Compliance, Title VI of the Civil Rights Act of 1964, was filed by Madonna College on January 18, 1965.

Madonna College

BULLETIN / VOL. 21 / 1969-1973
CONDUCTED BY THE FELICIAN SISTERS
LIVONIA, MICHIGAN

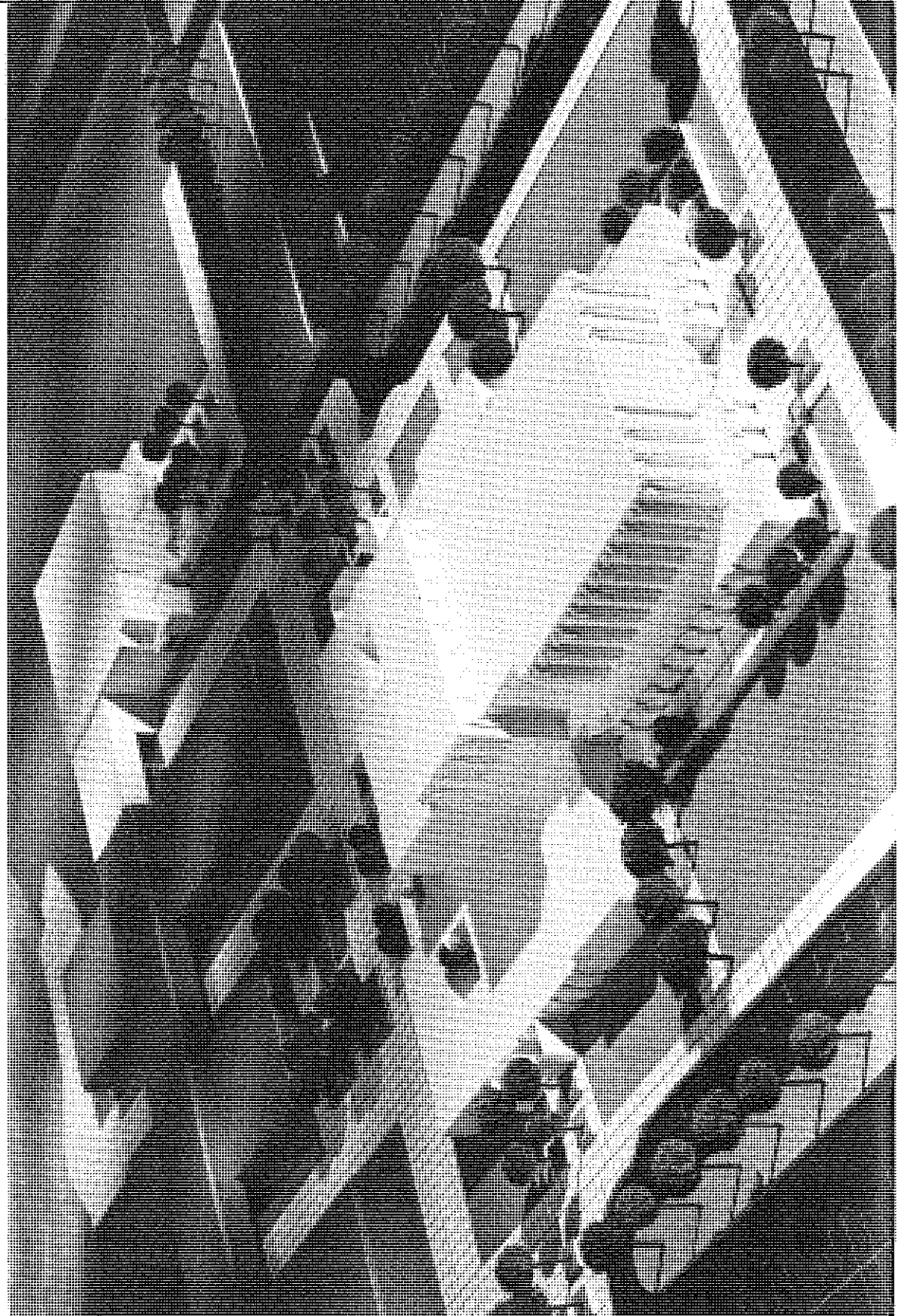


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Directory of the Board of Trustees,
Administration, Committees, and
Faculty in the annual supplement

GENERAL INFORMATION

EDUCATION FOR TRUTH AND SERVICE

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.*)

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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.

GENERAL
INFORMATION

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 approved by the State of Michigan Department of Education for recommending elementary and

secondary teachers for certification, for vocational home economics and family life education; approved also by the Michigan Board of Nursing and the American Society of Clinical Pathologists for Medical Technology.

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

THE CAMPUS

Madonna College is located in Livonia, Michigan, a suburb of Detroit, and is 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 Founders Room decorated in Danish Modern, spacious window-enclosed dining halls, a modern kitchen, recreation lounges, and a commons with a 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,

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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 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.

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, Delta Beta Chi (Sciences), Public Affairs, Public Relations, *Herald* Staff, Christian Action, and Prospective Teachers Association clubs; Campus Volunteer Service Program; Alpha Mu Gamma (Foreign Languages), Kappa Gamma Pi (National Catholic Women's Honor Society), Lambda Iota Tau (Literary), and Sigma Alpha Nu (Nursing) campus chapters of national honor societies.

GENERAL
INFORMATION

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 for students 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 Holy Mass, annual retreats, and religious counseling. This is supplemented by the activities of the various denominational churches in the immediate vicinity. 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 the 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.

To supplement the academic program and to provide cultural enrichment, a joint committee plans and promotes the annual "Cultural Series," which encompasses lectures, recitals, concerts, debates, panel discussions, inter-collegiate dialogs, and seminars.

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

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Complementing the College Bulletin is the Student Handbook providing guidelines for life on campus. Through curricular, co-curricular, and extra-curricular activities, the student grows in maturity and graciousness and comes nearer to becoming the woman she wants to be and the woman the world needs.

All graduates are invited to become members of the Madonna College Alumnae Association which fosters, implements, and encourages alumnae to keep close affiliation with their Alma Mater. Alumnae also provide services, recruitment assistance, and funds for College projects including the *Annual Alumnae Fund* for college development.

ADMISSION

ADMISSION TO THE 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 must present two units of science: biology and chemistry. One unit of chemistry is also required of students entering the programs in biology, chemistry, and biology-chemistry.

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

ADMISSION

Students who are admitted to Madonna College are required to take the ACT Test Battery of the American College Testing Program or its equivalent prior to registration. (The State of Michigan Competitive Scholarship Test is considered an equivalent of the ACT Battery.) The results of these tests will be used for counseling and placement purposes and as a basis for institutional studies. The ACT results will determine also which students must take a course in developmental reading.

ADMISSION TO ADVANCED STANDING

A transfer student must submit the following credentials

1. An official transcript of high school credits and of college work.
2. A letter from applicant stating reasons for transferring.
3. A satisfactory recommendation from an official of the college.
4. A catalogue from the college marked to indicate courses pursued.

Only credits of C grade or better will be accepted by transfer if they correspond with institutional requirements. A transfer student must earn a minimum of 30 semester hours at the College.

ADULT EDUCATION PROGRAM

Ordinary admission requirements may be waived for adults on the basis of maturity and experience, and

1. Presentation of a high school diploma or its equivalent.
2. Successful completion of two courses at the College, including one semester of English, with at least a 2.0 grade in each.
3. A current health record.

GUEST STUDENTS

Guest students are admitted to courses at Madonna College upon presentation of the completed application for guest admission. This includes the signature of the Registrar and the seal of the institution at which the student is matriculated.

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 provided they qualify for the courses. No more than 18 semester hours can be earned by a special student without matriculating at the College.

PRE-COLLEGE PROGRAM

A pre-college program is available for high school seniors who do not satisfy the ordinary admissions requirements of the College but

whose records and seriousness of purpose give evidence of possible success at the college level. Admission on probation is granted to these applicants who must satisfy the following prerequisites during the summer session after their high school graduation

1. Successful completion of the Developmental Reading course (1 credit)
2. Another course with at least a 2.0 grade.

Admission on probation implies that the student will carry a maximum of 12 hours during the first semester and will be subject to all regulations of the College concerning continuation at the institution.

A D M I S S I O N

FINANCES

FEES

Subject to revision without notice by action of the Board of Trustees

Tuition

Full-time tuition: 12-16 hours per semester . . .	\$650.00 per year
in excess of 16 hours	20.00 per sem. hr.
Part-time tuition: 1-5 semester hours	25.00 per sem. hr.
6-11 semester hours	23.00 per sem. hr.
Audit fee	15.00 per sem. hr.
General fee: full-time	25.00 per sem.
7-11 semester hours	12.50 per sem.
1-6 semester hours	5.00 per sem.
Room: semi-private	375.00 per year
private	475.00 per year
Room per night	2.50
Room during vacation periods (per day)	2.50
Board	425.00 per year

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GENERAL FEE

This charge covers library service, health service, special lectures, musical programs, subscriptions to College publications (*MADONNA HERALD* and *LANTERNE*), cultural events, activities calendar, bulletin, and a share in miscellaneous costs of operating the College.

ROOM AND BOARD

The charge for room covers the period beginning with the evening preceding the opening of classes and extends to the day following the last examination. An additional fee will be charged for days not in the regular school calendar, such as pre-semester, post-semester, and vacation periods.

Students living in the College residence hall are required to take their meals in the College dining hall; therefore, no refunds will be made for occasional or week-end absences.

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

Luncheon is served at current prices in the cafeteria to non-resident students.

SPECIAL FEES

Matriculation (upon application, non-refundable)	\$ 10.00
Recording service (non-matriculated students)	3.00
Room reservation (non-refundable)	25.00
Graduation	25.00
Removal of "Incomplete" (per course)	2.00
Deferred or anticipated examination (per test)	10.00

The instructor will require a receipt from the

Business Office that the fee has been paid.

Early or late registration	5.00
Change in registration	2.00
Transcript of credits (after the first)	1.00
Student insurance (optional) approx.	30.00

FINANCES

ROOM RESERVATION FEE

This fee is payable by incoming students within a month after admission to assure a room in the residence halls and will be credited against the semester cost.

Returning resident students will make their room deposit during the spring semester upon notice from the Business Office. This amount will be credited to the fall semester's bill.

ACADEMIC COURSE FEES

Credit by examination (based on full-time and part-time tuition rates) per semester hour	20-25.00
Developmental Reading Service (not including materials)	30.00
Applied music	
Tuition per semester	65.00
Includes a one-hour private lesson per week.	
Instrumental	25.00
NLN Achievement tests	Vary
Professional Field Experience	
Directed Teaching (6 s.h.)	50.00
Includes supervised teaching and placement service.	
Home Management	30.00
Public Health	25.00
Social Welfare	25.00

Laboratory fees in the sciences, home economics, education, journalism, nursing, music, languages, and art vary with the courses.

Students will be charged according to current costs for damage done by them to College property.

Books and supplies are purchased at the College bookstore on a cash basis.

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PAYMENT OF BILLS

Student expenses are payable in advance at the beginning of each semester. By special arrangements with the Business Manager, students may make payments in three installments. A \$5.00 late payment fee will be charged if final payments will not be made by the stipulated date.

Part-time students (less than 12 hours) are expected to pay in full at time of registration; however, with special permission they may pay 50% at registration and the balance within two weeks after classes

commence. A charge of 1 % per week on the outstanding balance will be made.

Financial accounts must be settled in full to qualify a student to

- a. take final examinations
- b. receive the semester report card
- c. claim a degree
- d. obtain a transfer of credits.

Checks should be made to MADONNA COLLEGE and addressed to the Business Manager.

REFUND POLICIES

TUITION

Refunds on tuition will be calculated from the date when the official written withdrawal form is completed and filed with the Registrar. Failure to withdraw officially will forfeit the refunding.

Refunds will be made according to the following schedule

Withdrawal during the registration period before the opening session of the term	100 % less \$5.00
Withdrawal after registration before classes commence	90 %
Withdrawal within the first week	75 %
Withdrawal within the second week	50 %
Withdrawal within the third week	25 %
Withdrawal after the third week	No refund

FINANCES

Tuition refunds on summer sessions will be made according to the above schedule with a day of the summer session being equivalent to a week of a semester. Other fees are not refundable.

ROOM AND BOARD

Rooms are rented for the semester; no refund in case of withdrawal. Refunds on room reservations will be allowed to incoming students

in cases when the Business Office will have been notified of change before June 15; for upperclassmen when reasons for transfer are academic or disciplinary dismissal. In that case, a formal notification of withdrawal should be filed by the student with the Business Office.

Board refund is prorated.

FINANCIAL AID

Scholarship awards are made for one year on the basis of the student's high school academic and personal records and the test results of the September, November, or January ACT Battery.

Application for scholarship should be made to the Admissions Office before February 16. Awards will be announced in the second week of April.

The request for renewal should be submitted in writing to the President before May 1. Renewal will be made on the basis of a minimal scholastic average of 3.0, leadership, loyalty, and character.

INITIAL SCHOLARSHIP AWARDS

The Mother DeSales 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 the 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.

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

The Frank J. and Josephine Svoboda Scholarship. Established in 1962 by a gift of \$2,500 by Robert L. Svoboda as a memorial to his parents. The income to be awarded to a student interested in art or journalism.

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

The Anton Jakobs Scholarship. This institutional scholarship of \$500 is applicable to educational expenses at Madonna College. It is awarded annually to a student at any class level. The scholarship was named in 1968 in honor of Mr. Anton Jakobs, a member of the Advisory Board of Madonna College. It recognizes his contributions to the evolution of the labor movement in the United States and to the promotion of education as a community service.

The Rudolf R. Kleinert Scholarship. This institutional scholarship of \$500 is applicable to educational expenses at Madonna College. It is awarded annually to a student at any class level. The scholarship was named in 1968 in honor of Mr. Rudolf R. Kleinert, a member of the Advisory Board of Madonna College. It recognizes his dedicated public service, his loyal support of Catholic higher education, and the inspiration of his personal life.

The St. Mary Hospital Scholarship. This institutional scholarship of \$500 is applicable to educational expenses at Madonna College. It is awarded annually to a nursing student at any class level. The scholarship was named in 1969 as a tribute to the staff and personnel at St. Mary Hospital, Livonia, Michigan. It recognizes the close tie which exists between the College and the Hospital through their mutual concern for the future nurses.

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The Nancy E. Tanger Scholarship. This institutional scholarship of \$500 is applicable to educational expenses at Madonna College. It is awarded annually to a prospective teacher at any class level. The scholarship was named in 1969 in honor of Nancy E. Tanger, coordinator of student teaching at Madonna College. It recognizes the precious time and effort which Mrs. Tanger has contributed to the field of education through her personal service as teacher and principal and through the extension of herself in the persons of those future teachers whom she has helped to prepare.

These are also annual scholarships of \$500 each open to students at any class level and applicable to educational expenses at Madonna

Crown Packing Company Scholarship.

Food Fair Markets of Michigan Scholarship.

Frederick Packing Co., Inc. Scholarship.

Gordon's Sausage Company Scholarship.

Great Scott Supermarkets, Inc. Scholarship.

Kowalski Sausage Company Scholarship.

STUDENT LOANS

The College participates in the National Defense Student Loan, Michigan Higher Education Assistance Authority Loan, and the Nursing Student Loan programs.

GRANTS

Students at Madonna College are eligible for Educational Opportunity Grants, Nursing Scholarship Grants, and State of Michigan Tuition Grants. Several institutional grants are available for students who display grave financial need.

COLLEGE WORK-STUDY PROGRAM

Students in need may apply for financial assistance under the College Work-Study Program. This provides on or off-campus work opportunities of a maximum of 15 hours per week.

Information and application forms may be obtained from the Business Office.

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CONDITIONS GOVERNING FINANCIAL AID

1. Amounts allocated to the student vary from year to year and must be requested annually.
2. Financial aid to students is based upon satisfactory academic performance and citizenship, and is subject to review in cases of disciplinary or academic probation.
3. When financial aid is comprised of institutional and non-institutional funds and student cost does not warrant the use of the total award, the institutional share will be reduced. Therefore, all forms of aid must be reported by letter to the Financial Aids Office.
4. Students seeking financial assistance from the College should at the time of admission submit a copy of the Parents' Confidential Statement to the College Scholarship Service and designate Madonna College as one of the recipients.

This form may be obtained from the applicant's high school or by writing the College Scholarship Service, P.O. Box 176, Princeton, New Jersey 08540. The Service does not determine or award scholarships or other forms of financial aid.

FINANCES

ACADEMIC 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 withdrawal from a course, may be made through the Registrar's Office with the consent of the Academic Dean and the instructor concerned. The service charge for a change in registration is \$2.00. The student who drops a course without the consent of the Academic Dean automatically fails the course.

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FRESHMAN DAYS

In the spring preceding their scholastic year, incoming freshmen attend counseling sessions and preregister. A few days prior to the opening of the academic year, freshmen participate in an educational seminar, which is continued throughout the first semester.

CLASSIFICATION OF STUDENTS

Status	Semester hours earned	Point average necessary to continue college work
Freshman	0 - 24	1.6
Sophomore	25 - 57	2.0
Junior	58 - 87	2.0
Senior	88 -	2.0

STUDENT LOAD

The normal credit hour load per semester is fifteen; the maximum load without special permission from the Academic Dean is seventeen.

COURSES OF INSTRUCTION

Courses with numbers from 100 - 299 are lower division courses, intended primarily for freshmen and sophomores; courses with numbers from 300 - 499 are upper division courses, intended primarily for juniors and seniors.

The college may cancel or substitute any course listed for which registration is insufficient.

ACADEMIC
REGULATIONS

ATTENDANCE

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

A student who misses or anticipates an examination because of an extraordinary occurrence may with the permission of the Academic Dean, request a special test for which a fee of \$10.00 will be charged.

GRADING SYSTEM

Grade	Significance	Honor Points
A (100 - 93) (4.0 - 3.3)	Excellent	4
B (92 - 86) (3.2 - 2.6)	Good	3
C (85 - 77) (2.5 - 1.7)	Satisfactory	2
D (76 - 70) (1.6 - 1.0)	Poor, but Passing	1
F (69 - 0) (0.9 - 0)	Failing	0
I	Incomplete	
W	Withdrew	
WP	Withdrew Passing	
WF	Withdrew Failing	
S	Satisfactory	
U	Unsatisfactory	

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

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

SATISFACTORY — UNSATISFACTORY GRADING SYSTEM

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Except for specifically designated S-U courses open to all students, only juniors and seniors may elect in each semester one course for which will be granted the usual academic credit with a designation of S or U but without any quality points. The policies governing such marking are

1. The courses for S-U marking may not be required courses for the major, minor, or professional programs.
2. The student must elect either the conventional or the S-U grading system at the time of registration and will not be permitted to change this designation at any time. The S-grade will contribute toward the 120 credits required for graduation.

3. The student will during the semester receive conventional grades for the course work, but at the end of the semester will obtain an S or U on the basis of performance.

S and U marking will also be employed for the evaluation of clinical contact hours in the nursing courses.

ACADEMIC PROBATION

To be in good standing a student must maintain a minimal grade-point average of 2.0. A student whose quality point average falls below 2.0 for a semester is automatically placed on probation and carries a maximal 12 semester hour load.

DEAN'S LIST

Full-time students who carry at least 13 semester hours and maintain a grade point average of 3.5 or better during a semester merit first honors on the Dean's List; 3.25 - 3.49, second honors. Students with a cumulative point average of 3.25 or better for credits earned at Madonna College are cited for academic honors at the annual Honors Convocation.

DEGREES WITH DISTINCTION

Degrees with honors are conferred on the basis of seven semesters.

With Honors, quality point average of 3.5

With High Honors, quality point average of 3.7

With Highest Honors, quality point average of 3.9.

ACADEMIC
REGULATIONS

EXAMINATIONS

A final examination is given in every course during the last week of each semester. Tests are also given at mid-term. After the semester examinations the student and parents or guardian receive a report card.

ADVANCED PLACEMENT

Students may be exempted or receive credit for courses by demonstration of proficiency on an examination in a particular area as stated in the Bulletin under the respective departments. Arrangements for exemptions or credit will be made by the department chairman with the approval of the Academic Dean. Superior high school students may take particular courses at Madonna College concurrently with their high school classes.

INDEPENDENT STUDY

A student may earn one to four credits for independent study in any particular field with the approval of the Academic Dean and the chairman 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 is conducted under the direction of a faculty member. The course numbers for independent study are: 120, 160, 220, 260, 370, 390, 420, 460.

CONSORTIUM

In April 1967 a consortium arrangement was approved by Madonna College, Marygrove College, Mercy College, and the University of Detroit. During the regular semester full-time undergraduate students at these institutions are permitted to enroll in classes at any of the four institutions without additional fee. Credit will be granted toward a degree at the institution at which a student is matriculated.

The cooperative arrangement offers numerous advantages to students. It allows them to select courses from a wider range of offerings, to pursue courses in fields not offered at their colleges, and to complete majors or minors begun at the home institution. Students also benefit from an exchange of ideas with peers at other institutions and from exposure to larger and more diversified groups.

Madonna College students may avail themselves of this opportunity by completing an application form in the Registrar's Office.

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 in the following majors

Bachelor of Arts

Art	Mathematics
Communication Arts	Music Education
English	Religious Education
English-Journalism	Social Science
English-Speech	Social Welfare
*French	Sociology
History	*Spanish

Bachelor of Science

Biology	Home Economics and
Biology-Chemistry	Family Life
Chemistry	Medical Technology
Home Economics	Natural Science
	Nursing

A major in the division of natural sciences or in the division of social sciences constitutes an adequate preparation for pre-medical (medicine, dentistry, medical technology) or in pre-law programs respectively.

The present three-year program in medical technology will be discontinued in June, 1971.

With the exception of Medical Technology, Nursing, and Social Welfare, minors are offered in the above and in Family Life, Jour-

*On consortial arrangement with University of Detroit, Marygrove, and Mercy College.

ACADEMIC
REGULATIONS

nalism, Latin, Physics*, Polish, Political Science, Psychology, Speech, Theology, and Theology-Philosophy.

A candidate for a bachelor's degree must fulfill the following requirements

1. Complete a minimum of 120 semester hours with at least twice the number of honor points.
2. 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 course requirements for majors and minors are listed under respective departments in the Bulletin.
3. Pass the prescribed examinations for seniors.
4. Fulfill the General Education requirements

Humanities

Art — Music	4 s.h.
English	9 s.h.
Philosophy	9 s.h.
Speech	3 s.h.
Theology	12 s.h.

Non-Catholic students—3 s.h.

Freshman Seminar	1 s.h.
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Natural Science or

Mathematics	6-8 s.h.
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Social Sciences

Psychology 101	3 s.h.
History and other	12 s.h.

*On consortial arrangement with University of Detroit, Marygrove, and Mercy College.

**Nursing Major — 51 hours

**Music Education Major — 40 hours

DIVISIONS
OF
INSTRUCTION

DIVISIONAL ORGANIZATION

The Division of Humanities

Art	Philosophy
English	Polish
French	Spanish
Journalism	Speech
Latin	Theology
Music	

DIVISIONS OF
INSTRUCTION

The Division of Natural Sciences and Mathematics

Biology	Medical Technology
Chemistry	Nursing
Mathematics	Physics

The Division of Social Sciences

Economics	Home Economics
Education	Political Science
Geography	Psychology
History	Sociology and Social Welfare

THE DIVISION OF HUMANITIES

Group Majors and Minors

Communication Arts Major: 18 hours in either English, journalism or speech and 9 hours in each of the others, including English 101, 115, 205; Journalism 132, 257; Speech 105, 341.

Communication Arts Minor: 12 hours in English including 101, 115, 205; Journalism 132, 257; Speech 105, 341.

English-Journalism Major: 18 hours in each department including English 101, 115, 205; Journalism 132, 257.

English-Journalism Minor: 12 hours in each department including English 101, 115, 205; Journalism 132, 257.

English-Speech Major: 18 hours in each department including English 101, 115, 205; Speech 105, 341.

English-Speech Minor: 12 hours in each department including English 101, 115, 205; Speech 105, 341.

Religious Education Major: 36 hours including 21 hours in theology and 15 hours in psychology, sociology, and education as planned by the student and the College.

Religious Education Minor: 24 hours including 15 hours in theology and 9 hours in psychology, sociology, and education as planned by the student and the College.

Theology-Philosophy Minor: 24 hours including 12 hours in each, theology and philosophy.

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11. INTRODUCTION TO HIGHER EDUCATION 1 CREDIT
Seminar on liberal arts curriculum; Christian humanistic values; American pluralistic society. Required of all incoming freshmen.

ART

Major: 30 hours including Art 103, 104, 207, 325, 326, and 471.
An exhibit in the second semester of the senior year of artifacts completed independently during the four-year-college term.

Minor: 20 hours including Art 103, 104, 325, and 326.

101. INTRODUCTION TO ART AND MUSIC 4 CREDITS
Acquaintance with the great accomplishments of man in the areas of

art and music and an investigation into the literature, history, and philosophy in which these art forms were created. *Required of all students except majors and minors in Art or Music.*

103. BASIC DISCIPLINES I 3 CREDITS

An introduction to the basic areas in the arts. Emphasis on visual awareness necessary to the understanding and rendition of objects and natural phenomena in drawing, painting, and in the basic elements of print making. Lecture 1 hour, laboratory 4 hours.

104. BASIC DISCIPLINES II 3 CREDITS

Continuation of drawing and abstraction as applied to three dimensional areas of study. An introduction to solid forms through the exploration in clay forms, papier mache, and experimentation in wood sculpture. Prerequisite: Art 103. Lecture 1 hour, laboratory 4 hours.

207. CREATIVE DESIGN AND COLOR 3 CREDITS

Elements of color and design. Intense study of the basic factors in creative expression. Experimentation in line, point, texture, space, volume, and movement. Emphasis on individuality and creativity. Lecture 1 hour, laboratory 4 hours.

305. LETTERING AND CALLIGRAPHY 3 CREDITS

A development of the skill of lettering and good spacing as applied to problems involving citations, resolutions, announcements, and other projects. Layout of posters with emphasis on contemporary design. Lecture 1 hour, laboratory 4 hours.

325, 326. HISTORY OF ART I, II 3, 3 CREDITS

Understanding and appreciation of the fine arts as exemplified in the ancient cultures through the modern. Slide lectures, discussions, and visits to the Art Institute.

345. GRAPHIC ARTS 3 CREDITS

Experimentation in a variety of media of reproduction including linoleum and wood cuts, wood engraving, and serigraphy, with special attention to new techniques and materials. Lecture 1 hour, laboratory 4 hours.

349. EXPLORATIONS IN THE MINOR ARTS 3 CREDITS

Introduction and experimentation with the various media, tools, and techniques of the minor arts of metal work, leather, wood, and jewelry making. Lecture 1 hour, laboratory 4 hours.

351. PAINTING 3 CREDITS

Concentration in any one of the various painting media. Experimentation with different methods and techniques of working, with emphasis

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on awareness, originality, and creativity. Prerequisite: Art 103, 104 or permission of the departmental chairman. Lecture 1 hour, laboratory 4 hours.

407. THREE DIMENSIONAL FORMING 3 CREDITS

Problems in the various reductive and additive methods of forming as applied to ceramic sculpture and modeling, wood, plaster, or stone carving. Prerequisite: Art 103, 104 or permission of the departmental chairman. Lecture 1 hour, laboratory 4 hours.

421, 422. ADVANCED STUDIO PROBLEMS 3, 3 CREDITS

Individual and independent study in the area of one's interest: painting, ceramics, design, sculpture, and others.

471. SEMINAR IN THE ARTS 3 CREDITS

Lectures and discussions devoted to the specific block of the historical continuum citing the social implications of the prevalent art forms and artifacts. An investigation into the philosophy of art with emphasis on contemporary art.

INDEPENDENT STUDY

1-4 CREDITS

ENGLISH

Major: 30 hours including 101, 115, 205, 452.

Prospective elementary teachers include English 300.

Minor: 20 hours including 101, 115, and 205.

101. RHETORIC AND COMPOSITION 3 CREDITS

Basic techniques of expository and argumentative writing integrating the principles of logic and the elements of effective communication and scholarly research through frequent written assignments. *Required of freshmen unless exempted on the basis of test scores. Credit by examination.*

115. LINGUISTICS AND THE ENGLISH LANGUAGE 3 CREDITS

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

205. INTRODUCTION TO LITERARY FORMS 3 CREDITS

An approach to the critical analysis and appreciation of literary forms. *General Education requirement.*

300. CHILDREN'S LITERATURE 3 CREDITS

Critical analysis of classical and contemporary children's literature.

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301, 302. AMERICAN LITERATURE 3, 3 CREDITS
 Selected texts of major American writers; emphasis both literary and historical; trends in American intellectual thought.

313. EARLY ENGLISH LITERATURE 3 CREDITS
 From Beowulf to 1500 with emphasis on Chaucer's narrative technique and the relation of his poetry to medieval and later traditions.

333. RENAISSANCE LITERATURE 3 CREDITS
 The study of representative Shakespearean plays and major non-dramatic literature from 1500 to 1660 noting important classical and continental influences on the period.

341. SEVENTEENTH CENTURY LITERATURE 3 CREDITS
 Emphasis on the reading of Donne, Milton, and Dryden; comparative study of the prose of Bacon, Milton, Brown, Burton, and Taylor.

345. EIGHTEENTH CENTURY LITERATURE 3 CREDITS
 Addison, Steele, Swift, Pope, and Johnson and the rise of the modern novel.

360. NINETEENTH CENTURY LITERATURE 3 CREDITS
 Intensive reading and critical analysis of the works of the major writers of the Romantic and Victorian periods.

413. TWENTIETH CENTURY LITERATURE 3 CREDITS
 Readings from contemporary British and American writers; some attention to European figures; social and intellectual backgrounds, the problems and methods of contemporary criticism.

422. THE NOVEL 3 CREDITS
 History and technique of the novel; reading and critical analysis of selected novels of English, American, and European authors.

450. MAGAZINE AND FEATURE ARTICLES 3 CREDITS
 (See Journalism 450)

452. SENIOR SEMINAR AND COLLOQUIUM 3 CREDITS
 Coordination and integration of the knowledge and experiences acquired in the various courses in literature and related areas. Critical analysis of works, discussion, papers, and active participation of the students.

INDEPENDENT STUDY 1-4 CREDITS
 Reading and research of a selective literary problem, or creative writing.

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FRENCH

Major: 30 hours excluding 101, 102; including 322, 323, 357, 358, 362, and 471.

Minor: 20 hours excluding 101, 102; including 357, 358.

101, 102. ELEMENTARY FRENCH 3, 3 CREDITS

Fundamentals of French with audio-lingual emphasis. Lecture 2 hours, laboratory 2 hours.

101P, 102P. ELEMENTARY PROGRAMMED FRENCH 3, 3 CREDITS

Individual laboratory work in French involving the use of specially designed texts and tapes. Intended for learning French privately with occasional tutorial guidance.

223, 224. INTERMEDIATE FRENCH 4, 4 CREDITS

Review and further development of audio-lingual skills with emphasis on reading material for its intrinsic literary value and for obtaining insight into some aspects of French culture. Lecture 3 hours, laboratory 2 hours. Prerequisite: French 102 or equivalent to be determined by a placement test.

311. FRENCH COMPOSITION 2-4 CREDITS

Emphasis upon increasing the command of written French through review of grammar, syntax, and idioms. Prerequisite: French 224 or equivalent.

322, 323. FRENCH CULTURE AND CIVILIZATION 3, 3 CREDITS

MADONNA
COLLEGE Selected aspects of social life and culture and their historical settings in France. Prerequisite: French 224 or equivalent.

357, 358. FRENCH LITERATURE 4, 4 CREDITS

Selected texts from outstanding authors representing the chief periods of French literature from its beginning to the present. Prerequisite: French 224 or equivalent.

362. PHONETICS AND DICTION 3 CREDITS

Systematic exercises and drills in French pronunciation and intonation. Prerequisite: French 224.

431. FRENCH CLASSIC DRAMA 3 CREDITS

Works of Corneille, Racine, and Moliere. Prerequisite: French 357, 358.

471. SEMINAR IN FRENCH LITERATURE 3 CREDITS
A specific area of French literature, with preparation of a research paper based on one or more writers of the chosen period. Reading and discussion in French. Prerequisites: French 322, 323, 357, 358.

INDEPENDENT STUDY 1-4 CREDITS
An in-depth investigation of some specific topic or problem of interest to the student within the area of French morphology, literature, or culture.

JOURNALISM

Minor: 20 hours including 132, 257, 286.

132. NEWSPAPER REPORTING 3-4 CREDITS
Organization of the modern newspaper, news values and news sources; structure of the news story; social implications of the newspress; practical training in gathering and writing typical news stories; publication in the campus newspaper. *Required as a prerequisite for all further courses in journalism.*

257. EDITING AND COPYREADING 4 CREDITS
Principles of editing, headline writing, page make-up, use of pictures; legal and ethical aspects; laboratory work on the campus newspaper.

286. EDITORIAL WRITING 3 CREDITS
Principles and ethics of editorial judgment; the means of persuasion according to Aristotle's *Rhetoric*; nature, structure, and function of the editorial; editorial page layout and content; writing of editorial articles.

313. FUNDAMENTAL PHOTOGRAPHY 3 CREDITS
Basic black and white photography; principles of light, lenses, and film; processing and darkroom techniques; participation in all phases of photograph production from initial composition to finished print.

340. ADVERTISING 3 CREDITS
Basic principles and techniques of advertising; copywriting and layout; psychological and moral aspects; social significance of the advertising message.

445. SCHOOL PUBLICATIONS 4 CREDITS
Editorial, business and production aspects of publishing high school papers and yearbooks; journalism in the high school curriculum; scholastic press associations; role of the adviser.

450. MAGAZINE AND FEATURE ARTICLES 3 CREDITS
Study and writing of non-fiction articles for magazines and newspaper feature sections; market analysis.

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475. NEWSPAPER PRACTICUM

2-3 CREDITS

Guided editorial management of the campus newspaper, the *Madonna Herald*, including all editing and publication details; and/or experience at an off-campus newspaper office. *Open to journalism minors in their junior or senior year.* Prerequisites: Journalism 132, 257.

INDEPENDENT STUDY

1-4 CREDITS

LATIN

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

101, 102. ELEMENTARY LATIN

3, 3 CREDITS

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

103. 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.

201. VERGIL

3 CREDITS

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

211, 212. LATIN WRITING

2-3, 2-3 CREDITS

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

241. HORACE

3 CREDITS

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

301. 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.

323. THE EPIC

3 CREDITS

Development of epic: art and structure of the epic and its influence on epic in English literature. Prerequisite: Latin 201.

353. MEDIEVAL LATIN LITERATURE

3 CREDITS

Selections from the authors of the Patristic Age to the Renaissance; comparison of the stylistic and linguistic features.

INDEPENDENT STUDY

1-4 CREDITS

MADONNA
COLLEGE

MUSIC

Major in Music Education: 40 semester hours including 111, 112, 211, 307, 333, 334, 421, 422; 16 hours of applied music.

Minor in Music Education: 24 semester hours including 111, 112, 211; 12 hours of applied music.

Theory

103. ELEMENTS OF MUSIC 3 CREDITS

Broad contact with basic music elements: pitch, rhythm, melody, harmony, timbre, dynamics, and texture. Development of skills through sight singing, ear training, keyboard work, analysis, and written exercises. *Designed for non-music majors.* Lecture 2 hours, laboratory 2 hours.

108.1-108.8. CHOIR 1 CREDIT EACH SEMESTER

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

111. THEORY 1 4 CREDITS

Aural, visual, and written approaches to musicianship: sight-singing, solfeggio, ear training; melodic and harmonic dictation; triads, sevenths; treatment of four-voiced texture; modulation.

112. THEORY 2 4 CREDITS

Development of reading music at sight and accurate mental hearing of the printed page. Recognition of scale and interval patterns in melodic and harmonic progressions; sight singing and dictation of one, two, three, and four-part melodies in simple and compound meters. Stress on the relation of drills to music literature.

211. THEORY 3 4 CREDITS

Introduction to contrapuntal and harmonic techniques emphasizing the interdependence of melody and harmony. Application of fundamentals of musicianship to figured accompaniments; primary and secondary harmonies, non-harmonic tones; modulation, chromatic harmony, altered chords; twentieth-century practices.

307. THEORY 4 4 CREDITS

Structure of music through a systematic investigation of traditional homophonic and polyphonic forms in the light of historical orientation; from the simple song form to the sonata and the symphony; the fugue; study of the score.

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333, 334. HISTORY OF MUSIC 3, 3 CREDITS

Development of music from pre-Christian beginnings to the present, with emphasis upon composers, style characteristics, musical literature together with life and thought during major historical eras; contemporary composers and new tendencies.

354. PIANO PEDAGOGY 1 CREDIT

Theory and practice of piano teaching; basic technique in all stages of development; sight-reading, rhythm, ear training, memorizing, pedal, hand technic; teaching materials.

401. VOCAL LITERATURE 2 CREDITS

Acquaintance with the comprehensive study of song literature in its historical significance; oratorio, opera, motet, madrigal, art song.

421, 422. INSTRUMENTAL TECHNIQUES 1, 1 CREDIT

Group study of the four families of instruments in the orchestra; technical differences, capabilities, peculiarities; range, embouchure.

INDEPENDENT STUDY 1-4 CREDITS

Piano

For entrance to a credit course, the student must be able to play: major and minor scales and arpeggios; some standard etude of Czerny, Heller, Cramer, or equivalent; a selection from "Bach's Little Preludes and Fugues"; a Bach Two-part Invention; an easier sonata of Haydn, Mozart, or Beethoven.

113, 114. PIANO 2, 2 CREDITS

Works to be studied: Bach's Two and Three-part Inventions; French Suite or a Prelude and Fugue from the Well-Tempered Clavichord; Sonatas by Scarlatti, Haydn, Mozart, or Beethoven; Scenes from Childhood by Schumann, Chopin Preludes, Mazurkas; some work by a contemporary composer.

233, 234. PIANO 2, 2 CREDITS

Bach's "English Suite"; Prelude and Fugue from the Well-Tempered Clavichord; Mozart or Beethoven Sonata; Mendelssohn's "Songs Without Words"; Chopin's Nocturnes, Waltzes; Ravel, Debussy; Bartok, Kabalevsky.

323, 324. PIANO 2, 2 CREDITS

Bach's Partita or English Suite, Prelude and Fugue or Italian Concerto; Mozart Concerto; Beethoven Sonata; Schumann Fantasie Pieces; Chopin Etudes; Debussy Preludes or work of contemporary composer.

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- 353, 354. PIANO 2, 2 CREDITS
English or French Suite by Bach; Well-Tempered Clavichord or Italian Concerto; Beethoven Sonata; Mendelssohn Concerto; Brahms, Grieg; Chopin Ballade; Gretchaninoff, Scriabine, Bartok, Tcherenpkin.

Organ

- 115, 116. ORGAN 2, 2 CREDITS
Manual and pedal exercises as found in Stainer's "The Organ" or Dickinson's "Technique and Art of Organ Playing." Selections from the Liturgical Year; Bach, Stamitz, Frescobaldi, Froberger, Franck; organ registration; hymns and chorales; congregational accompaniment.

- 235, 236. ORGAN 2, 2 CREDITS
Guilmant Sonatas; Bach Preludes and Fugues, four of the Eight Short Preludes and Fugues; Mendelssohn Sonata; selections from the Liturgical Year Organ Chorales; Bach, Handel, Widor, Stamitz; congregational accompaniment.

Voice

For entrance to a 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.

- 217, 218. VOICE 2, 2 CREDITS
Voice placement; vocalization for tone production, intonation, breath control, relaxation, resonance, vowel formation and study of the consonants; simple songs with English diction suitable to acquired technic; introduction to the Art Song; Italian Art Song; selected arias.

- 255, 256. VOICE 2, 2 CREDITS
Further development of vocal technique; vocal exercises of Abt, Cone, Clippinger, Vaccai; Italian and English songs; French and German Art Songs; selected arias.

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PHILOSOPHY

105. MAN AND NATURE 3 CREDITS
Reality, its basic structure, principles, and meaning; distinction between physics and metaphysics; nature, characteristics of material reality, finite nature of the world; some treatment of the central issues related to these basic considerations, such as, our knowledge of reality, causality, the problem of human situation in a world of service and technology.

221. MAN AND SOCIETY 3 CREDITS

The nature and meaning of human existence; the psychological and ethical concepts of the person as related to the philosophical notion, man in society (significance of the family, state, law, morality, freedom); reflection on ethical problems and on diverse views on man and human condition.

310. MAN AND GOD 3 CREDITS

An investigation of the nature and foundation of religion, centering on notions such as God, revelation, faith, worship, destiny of man; the philosophical arguments on the question of God's existence, atheism, and contemporary trends.

440. READINGS IN MODERN PHILOSOPHY 2-3 CREDITS

Focus 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.

INDEPENDENT STUDY 1-4 CREDITS

POLISH

Minor: 20 hours.

101, 102. 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.

MADONNA
COLLEGE

223, 224. INTERMEDIATE POLISH 4, 4 CREDITS

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

301. TYPES OF LITERATURE 3 CREDITS

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

331, 332. 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.

INDEPENDENT STUDY 1-4 CREDITS

SPANISH

Major: 30 hours excluding 101, 102; including 322, 323, 357, 358, 362, 471.

Minor: 20 hours excluding 101, 102; including 357, 358.

101, 102. ELEMENTARY SPANISH 3, 3 CREDITS

Fundamentals of Spanish with audio-lingual emphasis. Lecture 2 hours, laboratory 2 hours.

101P, 102P. ELEMENTARY PROGRAMMED SPANISH 3, 3 CREDITS

Individual laboratory work in Spanish involving the use of specially designed texts and tapes. *Intended for learning Spanish privately with occasional tutorial guidance.*

223, 224. INTERMEDIATE SPANISH 4, 4 CREDITS

Review and further development of audio-lingual skills, with emphasis on reading material for its intrinsic literary value and for obtaining insight into some aspects of Spanish culture. Prerequisite: Spanish 102 or equivalent determined by a placement test. Lecture 3 hours, laboratory 2 hours.

311. SPANISH COMPOSITION 2-4 CREDITS

Emphasis upon increasing the command of written Spanish through review of grammar, syntax, and idioms. Prerequisite: Spanish 224. or equivalent.

322, 323. HISPANIC CULTURE AND CIVILIZATION 3, 3 CREDITS

Selected aspects of social life and culture and their historical settings in the Hispanic World. Prerequisite: Spanish 224 or equivalent.

357, 358. SPANISH LITERATURE 4, 4 CREDITS

Selected texts from outstanding authors representing the chief periods of Spanish literature from its beginning to the present. Prerequisite: Spanish 224 or equivalent.

362. PHONETICS AND DICTION 3 CREDITS

Systematic exercises and drill in Spanish pronunciation and intonation. Prerequisite: Spanish 224.

431. GOLDEN AGE OF SPANISH LITERATURE 3 CREDITS

Masterpieces of the sixteenth and seventeenth centuries, with special emphasis on Cervantes. Prerequisites: Spanish 357, 358.

471. SEMINAR IN HISPANIC LITERATURE 3 CREDITS

A specific area of Hispanic literature, with preparation of a research paper based on one or more writers of the chosen period. Readings and discussions in Spanish. Prerequisites: Spanish 322, 323, 357, 358.

INDEPENDENT STUDY 1-4 CREDITS

An in-depth investigation of some specific topic or problem of interest to the student within the area of Spanish morphology, literature, or culture.

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SPEECH

Minor: 20 hours including 105, 341.

105. SPEECH ARTS AND FORMS 3 CREDITS

Basic forms and methods of the related but distinct techniques of platform speaking, parliamentary practice, oral interpretation and dramatic orientation with emphasis on effective communication of thought, acquiring of poise before an audience, and artistic appreciation of legitimate theater. Evaluation of student oral proficiency. Lecture 2 hours, laboratory 2 hours. *General Education requirement.*

115. LINGUISTICS AND THE ENGLISH LANGUAGE 3 CREDITS

(See English 115.)

203. ORAL INTERPRETATION OF LITERATURE 3 CREDITS

Oral reading of various forms of literature for an analysis of meaning, mood, and rhythm, and for techniques of expression. Lecture 2 hours, laboratory 2 hours.

301. RADIO AND TELEVISION 3 CREDITS

Skills necessary for radio and television work; microphone and camera problems; basic techniques of radio acting, continuity writing, and announcing. Lecture 2 hours, laboratory 2 hours.

316. GROUP DYNAMICS AND DISCUSSION TECHNIQUES 3 CREDITS

Forms and methods of group discussion to develop proficiency in communication and leadership.

341. ACTING TECHNIQUES 4 CREDITS

Basic forms and methods of expression, including voice production and diction; development of individual talents in the related but distinct techniques of pantomime, improvisation, acting, and oral interpretation. Lecture 2 hours, laboratory 4 hours.

350. DRAMATIC ARTS FOR CHILDREN 3 CREDITS

Dramatization of children's stories with opportunities to analyze experiences in thinking creatively and independently and to understand people through enactment of characters in history, literature, and contemporary life; concentration on plays for children with consideration of the basic problems of selecting, casting, rehearsing, and directing. Lecture 2 hours, laboratory 3 hours.

401. PSYCHOLOGY OF SPEECH CORRECTION 2-3 CREDITS

Speech problems and remedial techniques: articulation defects, stuttering, delayed speech, cleft palate, cerebral palsy, and voice disorders.

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405. PRACTICAL THEATRE 4 CREDITS

Technical phases of play production including construction, painting, placement, and manipulation of stage scenery, lighting, costume design and make-up. An examination of the directorial image in the modern theatre and the director's relationship to the play, the players, and the audience. Culmination: a series of workshop scenes and one-act plays directed by the class. Lecture 1 hour, laboratory 6 hours.

INDEPENDENT STUDY 1-4 CREDITS

THEOLOGY

Minor: 20 hours.

138. THE CHURCH 3 CREDITS

Nature, function, and mission of the Church in the light of the pronouncements of Vatican II and subsequent research in the field of Ecclesiology.

141. CATECHETICS 2-3 CREDITS

Modern approaches to the teaching of religion.

261. THE OLD TESTAMENT 3 CREDITS

Structure, literary forms, and major theological themes of the books of the Old Testament.

262. THE NEW TESTAMENT 3 CREDITS

Structure, literary forms, and major theological themes of the books of the New Testament.

323. SACRAMENTAL THEOLOGY 3 CREDITS

Principal means of sanctification given by God to His people: their nature, their liturgical celebration, their importance in the Christian life.

353. THE FAMILY 3 CREDITS

Origin, nature, and purpose of the family. Factors involved in living as a Christian family in a changing society.

407. MODERN MORAL PROBLEMS 3 CREDITS

Basic Christian principles of morality and their application to problems encountered in present-day society.

445. COMPARATIVE RELIGION 3 CREDITS

Major religions of the world, their basic doctrines, liturgical practices, and moral codes. The decrees of Vatican II on Religious Freedom, Ecumenism, and non-Christian Religions.

INDEPENDENT STUDY 1-4 CREDITS

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HUMANITIES

THE DIVISION OF NATURAL SCIENCES AND MATHEMATICS

Group Majors and Minors

Biology-Chemistry Major: 36 hours including Chemistry 130, 131, 271, 323; Biology 463, 471 and 11-12 hours from biology electives. Requirements from supportive fields: Physics 101, 102; Mathematics 105, 106 unless waived on the basis of a performance test. Mathematics 101 required of students with a deficiency in mathematics.

Biology-Chemistry Minor: 24 hours including 12 hours in chemistry and 12 hours in biology.

Natural Science Major: 36 hours with a minimum of 12 hours in one area and 8 hours in one or more of the following: biology, chemistry, physics, mathematics. Science 111 and 112 may be included.

Natural Science Minor: A combination of courses as indicated in the patterns.

I		II		III	
Biology	10 s.h.	Physics	8 s.h.	Chemistry	8 s.h.
Chemistry	8	Mathematics	16	Physics	8
Electives	6			Mathematics	8
IV		V			
Biology	8 s.h.	Biology	8 s.h.		
Physics	8	Chemistry	8		
Mathematics	8	Physics	8		

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111, 112. MAN IN HIS ENVIRONMENT

4, 4 CREDITS

A study of interrelationships that give a pattern to man's present environment. The probabilistic and statistical character of natural phenomena, difficulties attending measurement and understanding of natural phenomena, energy transformations and the nature of matter. Class discussion, debate and laboratory experience to integrate the selected concepts of physics, biology, chemistry, earth science, and mathematics and to relate them to the modern world. Lecture 3 hours, laboratory 3 hours. *Not applicable to Biology, Chemistry, or Biology-Chemistry majors.*

BIOLOGY

Major: 30 hours including 471. Requirements from other fields: Chemistry 130, 131; Mathematics 105, 106 (or departmental approval for other mathematics courses); Physics 101, 102. (Natural science minor recommended.)

Minor: 20 hours.

103. GENERAL BIOLOGY

4 CREDITS

Fundamental biological principles related to life processes as they occur on the cellular, organismic and ecological levels of the plant and animal world. Lecture 2 hours, laboratory 6 hours. Waived or credit by examination.

243, 244. ANATOMY AND PHYSIOLOGY

3, 3 CREDITS

Structure and function of the systems of man, strongly integrating the physiology of all of the systems. *For non-Biology majors.* Lecture 2 hours, laboratory 3 hours.

301. GENETICS

3 CREDITS

Basic theories and principles of inheritance with common applications to plants, animals, and man. Lecture 2 hours, laboratory 3 hours.

303, 304. DEVELOPMENTAL BIOLOGY

3, 3 CREDITS

Integrated comparative development and anatomy of organisms, with emphasis on the chordates. Lecture 2 hours, laboratory 3 hours.

317. INVERTEBRATE ZOOLOGY

3 CREDITS

Morphologic and physiologic features of invertebrate animals with emphasis on the parasitic groups. Lecture 2 hours, laboratory 3 hours.

321. BOTANY

3 CREDITS

Fundamental structure and physiology of plants. Lecture 2 hours, laboratory 3 hours.

326. MICROBIOLOGY

4 CREDITS

Morphology and physiology of microorganisms and the relation of the pathogenic forms to man; application of microbial processes to man and his environment. Prerequisite: one year of chemistry. Lecture 2 hours, laboratory 6 hours.

341. HISTOLOGY

3 CREDITS

Microscopic study of the structure of vertebrate tissues and organs; a correlation between these structural features and their functional role in the organism. Lecture 1 hour, laboratory 6 hours.

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425. PHYSIOLOGY 4 CREDITS

Principles of physiology and the mechanisms underlying the life processes. Emphasis on integrating the physiology of the systems of man. Prerequisite: one year of chemistry. Lecture 2 hours, laboratory 6 hours.

463. BIOCHEMISTRY 4 CREDITS

(See Chemistry 463.)

--- 470. BIOLOGICAL INVESTIGATIONS 2-3 CREDITS

An opportunity for biology majors to pursue an independent research problem with the approval of the department.

471. SEMINAR 1-3 CREDITS

INDEPENDENT STUDY 1-4 CREDITS

CHEMISTRY

Major: 30 hours including 131, 271, 323, 334, 353, 354, 471. Requirements from other fields: Physics 101 and 102; mathematics including Calculus.

Minor: 20 hours

✓ 125. ELEMENTS OF INORGANIC AND ORGANIC CHEMISTRY 4 CREDITS

Basic principles of inorganic and organic chemistry. *Not open to majors or minors.* Lecture 3 hours, laboratory 3 hours. Prerequisite: one year of high school chemistry.

130. STRUCTURAL CHEMISTRY 4 CREDITS

Structure of matter with emphasis on electronic and atomic arrangements; introduction to nuclear chemistry. Lecture 3 hours, laboratory 3 hours. *Waived or credit by examination.* Prerequisites: one year of high school chemistry and two years of high school mathematics.

131. CHEMICAL DYNAMICS 4 CREDITS

Atoms and molecules in the course of chemical transformation, includes qualitative analysis. Lecture 3 hours, laboratory 3 hours. Prerequisite: Chemistry 130 unless waived by a standardized entrance test.

257. INTRODUCTORY BIOCHEMISTRY 4 CREDITS

Fats, proteins, carbohydrates, enzymes and metabolism in man; designed for nurses. *Not open to Chemistry majors or minors.* Lecture 3 hours, laboratory 3 hours. Prerequisite: Chemistry 125 or Chemistry 271.

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COLLEGE

271. 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 6 hours. Prerequisite: Chemistry 131.

323. ANALYTICAL CHEMISTRY

5 CREDITS

Theoretical background of chemical analysis. Laboratory work includes modern analytical techniques, both chemical and instrumental chromatography, spectrophotometry, UV, visible, electroanalysis. Lecture 3 hours, laboratory 6 hours. Prerequisites: Chemistry 131, 271 and one year of college mathematics.

334. 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 2 hours, laboratory 3 hours. Prerequisite: Chemistry 271.

353, 354. PHYSICAL CHEMISTRY

4, 4 CREDITS

Fundamental theoretical chemistry, atomic theory and structure of matter, bonding; laws of gases and liquids and solids; thermodynamics; chemical kinetics, quantum theory. Lecture 3 hours, laboratory 3 hours. Prerequisites: Physics 101 and 102; Mathematics 251, 252 or equivalent.

463. 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: Chemistry 271 and 323.

468. THEORETICAL CHEMISTRY

2 CREDITS

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

470. 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. Offered only in the summer term of each year.

471. SEMINAR

1 CREDIT

INDEPENDENT STUDY

1-4 CREDITS

NATURAL
SCIENCES AND
MATHEMATICS

MATHEMATICS

Major: 30 hours including 351, 352, 471.

Prospective elementary teachers include Mathematics 365.

Minor: 20 hours including 251, 252.

101. MATHEMATICS FOR THE SCIENCES 3 CREDITS

Algebra, trigonometry, and vectors. Intended primarily for students with at most two years of high school mathematics. *Not open to majors or minors in mathematics.*

✓ 105, 106. 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.*

243. BASIC MATHEMATICS 4 CREDITS

The structure of the real number system and the field properties; finite number systems; numeration systems; elementary algebraic functions; informal geometry. *Not open to majors or minors in mathematics. Required of all prospective elementary school teachers.*

251, 252. 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.

311. ELEMENTARY NUMBER THEORY 3 CREDITS

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

MADONNA
COLLEGE

330. MODERN ALGEBRA 3 CREDITS

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

341. LINEAR ALGEBRA 3 CREDITS

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

351. CALCULUS WITH ANALYTICAL GEOMETRY III 3 CREDITS

Elements of solid geometry, vectors in three dimensional space, partial derivatives, multiple integrals, infinite series.

352. CALCULUS IV 3 CREDITS

Hyperbolic functions; ordinary differential equations of first and second order with applications.

365. HISTORY OF MATHEMATICS 3 CREDITS
Development of mathematical concepts and contributions of leading mathematicians.

435. 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.

451. REAL ANALYSIS 3 CREDITS
The foundations of calculus; properties of the real number system which are related to the theory of limits and continuity.

465. FOUNDATIONS OF COLLEGE GEOMETRY 3 CREDITS
Points, lines and planes; separations, curves and surfaces; congruence; measures, parallelism and similarity; Non-Euclidean geometries.

471. SEMINAR 2-3 CREDITS
Directed reading and study of the unifying principles of mathematics; research on selected topics.

INDEPENDENT STUDY 1-4 CREDITS

NURSING

Students are admitted to the Nursing Program on the basis of

1. Completion of 32 semester hours, including Chemistry 125, 257 and Biology 243, 244.
2. A grade-point average of 2.3 or higher.
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 Sigma Alpha Nu.
6. Good physical condition—vision, hearing, general health.

NATURAL
SCIENCES AND
MATHEMATICS

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.

Major: 51 hours.

Recommended minor: Natural Science or Social Science

207. NURSING PROBLEMS I 4 CREDITS

Basic elements in a nursing situation: behavior of the patient, reaction of the nurse, and nursing activities designed for the patient's benefit. Nursing skills including initial practices in nursing assessment, intervention, and evaluation. Lecture 2 hours, laboratory 6 hours.

208. NURSING PROBLEMS II 4 CREDITS

The various dimensions of a patient's health problem and their inter-relatedness: use of the patient's medical record; systematic observation of his cooperation with others and of his physical and behavioral characteristics. Prerequisite: Biology 326. Lecture 2 hours, laboratory 6 hours.

305. MEDICAL-SURGICAL NURSING I 8 CREDITS

The adult patient with a medical-surgical health problem: the interdependence of patho-physiological, psychosocial, and developmental concepts as basic factors in health and illness and their significance to the patient, his family, and the community. Lecture 4 hours, laboratory 12 hours.

316. MATERNAL AND CHILD HEALTH NURSING 12 CREDITS

Theory and experiences in understanding the nursing and related needs of parents and children during the childbearing and rearing phases of the life cycle. Lecture 6 hours, laboratory 18 hours.

415. COMMUNITY HEALTH 5 CREDITS

Principles related to the prevention of disease and promotion of health in the family as a unit of society. Participation in the activities of a public health nurse as a member of a health team. A non-hospital setting. Lecture 3 hours, laboratory 6 hours.

447. PSYCHIATRIC NURSING 5 CREDITS

Analysis of patterns of disturbed behavior and of patient interaction. Lecture 3 hours, laboratory 6 hours.

451. MEDICAL-SURGICAL NURSING II 8 CREDITS

Synthesis of nursing principles and techniques for effective participation in the health team to identify and meet human needs. Focus on patients with complex nursing problems: participation in planning, administering and evaluating total patient care, within a clinical unit and follow-up in a home setting. Lecture 4 hours, laboratory 12 hours.

472. NURSING PRACTICUM 5 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 skills. Lecture 2 hours, laboratory 9 hours.

INDEPENDENT STUDY

1-4 CREDITS

PHYSICS

Minor: 20 hours. On Consortial arrangements.

101. GENERAL PHYSICS

4 CREDITS

Fundamental methods and principles of mechanics, molecular physics, heat and sound. Prerequisite: one year of college mathematics. Lecture 3 hours, laboratory 3 hours.

102. GENERAL PHYSICS

4 CREDITS

Fundamental methods and principles of magnetism, electricity, optics, light and atomic physics. Prerequisite: Physics 101. Lecture 3 hours, laboratory 3 hours.

THE DIVISION OF SOCIAL SCIENCES

Group Majors and Minors

Social Science Major: 36 hours including History 101, 108, 231, Economics 372, Psychology 101, Political Science 251, Geography 301, with a minimum of 13 hours in one of the following areas: history, political science, or sociology, including the integrating seminar, 471.

Social Science Minor: 24 hours with a minimum of 12 hours in one area: history, political science, or sociology, including History 101, Psychology 101, electives 6 hours—elementary teachers include Geography 301 and Political Science 251 or Economics 372.

Family Life Minor: 24 hours including Home Economics 236, 304, 321, 341, 353, and Psychology 101; electives in biology, home economics, psychology, or sociology.

SOCIAL
SCIENCES

ECONOMICS

372. ECONOMICS AND CONSUMER EDUCATION

3 CREDITS

Economics: its nature and problems, both domestic and international; standards and legislation as related to marketing and consumer problems; purchasing of goods and services.

451. ECONOMIC HISTORY OF THE UNITED STATES (See History 451.)

3 CREDITS

EDUCATION

A student desiring to pursue the program in Teacher Education is expected to take the following steps

1. At the time of application to the College declare intention to prepare for the profession of teacher, either on the elementary or secondary level.
2. During the second semester of the sophomore year apply 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
 - a. a grade-point average of 2.0 or higher
 - b. a minimum of 30 hours of supervised contact with children
 - c. proficiency in oral and written communication and reading as determined by standardized tests
 - d. evidence of personal integrity, emotional stability, and social competence
 - e. participation in the prospective teachers club on campus
 - f. good physical condition—vision, hearing, and general health.The College reserves the right to refuse admission to professional courses to any student with deficiencies until the same have been corrected through remedial work.
3. Early in the first semester of the senior year apply for admission to Directed Teaching which is to take place in the following semester. At this time the student shall
 - a. submit evidence of continued academic competency, particularly in her major field
 - b. obtain a written recommendation from her major advisor
 - c. receive approval from the Teacher Education Committee.

To be recommended by the College for provisional certification in the state of Michigan on the elementary (K-9) or secondary level (7-12), the prospective teacher must fulfill the following requirements

1. Complete a major of at least 30 semester hours or one group major of 36 semester hours.
2. Complete a minor of at least 20 semester hours or a group minor of 24 semester hours.

MADONNA
COLLEGE

3. Complete 20 semester hours in professional education courses: for elementary certificate—Education 304, 320, 346, 411, 470, 478. Secondary certificate—Education 315, 320, 346, 470, 478, and methods appropriate to the secondary level.
4. In addition elementary teachers complete a planned program of 20 semester hours in substantive fields appropriate to elementary education including Mathematics 243 and science; the remaining hours from the following and others with the approval of the Academic Dean.

Art 103	Geography 301	Speech 105
Economics 372	Music 103	Speech 401
English 115, 300	Political Science 251	

The courses in the planned program are within the context of general education requirements and/or within approved teaching majors and minors.

The Elementary Curriculum minor is discontinued for all students except those who will complete their requirements by June, 1972.

Students who desire certification in another state should plan their program in accordance with its certification code.

101. GENERAL PSYCHOLOGY 3 CREDITS
(See Psychology 101)

304. 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 discussion supplemented with systematic observations and laboratory experiences with children in the Psycho-Educational Center and other institutions approved by the instructor. Lecture 2 hours, laboratory 2 hours.

SOCIAL
SCIENCES

315. 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. Lecture 2 hours, laboratory 2 hours.

320. PSYCHOLOGY OF READING 3 CREDITS
Application of psychological principles to the reading-learning process; methods of teaching developmental reading. Lecture 2 hours, laboratory 2 hours.

341. SEX EDUCATION 2-3 CREDITS
Understanding of physical, psychological, social, and religious aspects relating to sexual maturation. Techniques for assuming instructional responsibilities on this subject.
346. INSTRUCTIONAL MEDIA 2 CREDITS
Selection and use of audio-visual aids for instructional purposes. Lecture 1 hour, laboratory 2 hours.
367. SOCIAL PSYCHOLOGY 3 CREDITS
(See Sociology 367.)
411. METHODS IN THE ELEMENTARY SCHOOL 3 CREDITS
Methods and materials in the elementary school curriculum; opportunities for observing instructional activities; participation in supervised laboratory experiences. Lecture 2 hours, laboratory 2 hours.
- Special methods in the subject-matter fields appropriate to the secondary level in which the student expects to teach; opportunities for observing classroom procedures; participation in supervised laboratory experiences. Lecture 2 hours, laboratory 2 hours.
451. METHODS IN ART (K-12) 3 CREDITS
454. METHODS IN ENGLISH 3 CREDITS
455. METHODS IN FOREIGN LANGUAGE 3 CREDITS
458. METHODS IN HOME ECONOMICS 3 CREDITS
461. METHODS IN MATHEMATICS 3 CREDITS
462. METHODS IN MUSIC (K-12) 3 CREDITS
464. METHODS IN SCIENCE 3 CREDITS
467. METHODS IN SOCIAL SCIENCE 3 CREDITS
470. DIRECTED TEACHING 3-6 CREDITS
Observation and teaching in classroom situations; individual conferences and seminars.
477. FOUNDATIONS OF EDUCATION 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.

478. FOUNDATIONS OF EDUCATION

3 CREDITS

An interdisciplinary approach to the study of education; the historical, social, and cultural implications; the school as an educational institution; the structure, function and purposes of educational institutions in our society; social issues in contemporary education; emphasis on equal educational opportunity guarantees.

INDEPENDENT STUDY

1-4 CREDITS

GEOGRAPHY

301. WORLD REGIONAL GEOGRAPHY

3 CREDITS

Regional study of the earth realms; cultural and physical factors affecting man; effect of the democratic and industrial revolutions on the world.

HISTORY

Major: 30 hours including 108, 231, 341 or 356, 461, 462, 471.

Minor: 20 hours including 108, 231, 341 or 356.

101. CONTEMPORARY WORLD PROBLEMS

3 CREDITS

Comparative approach to world problems against the background of traditional values. *Not required of history majors.*

108. THE ANCIENT WORLD

3 CREDITS

The culture and history of lands of classic antiquity with particular emphasis on the political, socio-economic, and religious origins of Western civilizations. *Waived or credit by examination.*

231. AMERICAN HISTORY

4 CREDITS

Political, social, economic, and cultural development of the United States from the early colonial period to the 19th century. *Waived or credited by examination.*

315. MEDIEVAL AND RENAISSANCE EUROPE

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.

331. EUROPE, 1815-1900

3 CREDITS

Romanticism, nationalism, and the effects of materialistic philosophies and natural science; the ensuing international rivalries leading to World War I.

SOCIAL
SCIENCES

332. EUROPE IN THE TWENTIETH CENTURY 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.
341. MINORITY GROUPS IN AMERICA 3 CREDITS
The conflict between the revolutionary ideals of the American Dream and the reality of majority-minority group relations from colonial America to the present.
356. AFRO-AMERICAN HISTORY 3 CREDITS
African culture and history with particular attention to the contribution of the Black American to the American culture.
451. ECONOMIC HISTORY OF THE UNITED STATES 3 CREDITS
Economic influences on our past and present national life arising from various aspects of agriculture, labor, industry, transportation, and politics.
453. 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.
- 461, 462. EMERGING NATIONS 3, 3 CREDITS
Patterns of political, social, religious, and economic development of the emerging nations of Asia, Africa, and Latin America. Emphasis on the special characteristics of countries beginning their independent nationhood and the effects of these characteristics on the political systems of the lands and their role in the community of nations.
471. SEMINAR 3 CREDITS
Theoretical and philosophical foundations of political systems, approached historically and sociologically. Preparation of a paper reflecting historical methodology.
- INDEPENDENT STUDY 1-4 CREDITS

HOME ECONOMICS AND FAMILY LIFE

Major for Vocational Certificate: pattern as approved by the State Department.

Home Economics Major: 30 hours.

Minor: 20 hours.

105. FOUNDATIONS OF HOME ECONOMICS

1 CREDIT

Orientation to personal development, managerial factors, and home economics with its contributions to education and society. Philosophy of vocational education and career opportunities. Membership in Home Economics Club; credit in senior year.

108. TEXTILES

3 CREDITS

Basic principles and recent developments in textile products. Chemical and physical properties of fibers, yarns, fabric structures, and finishes related to fabric deterioration. Lecture 2 hours, laboratory 2 hours.

225. NUTRITION AND DIETETICS

3 CREDITS

Identification, function, metabolism, and food sources of specific nutrients required for normal growth and development. Basic concepts of nutrition applied to diet therapy in the treatment of diseases. Lecture 2 hours, laboratory 2 hours.

236. CLOTHING SELECTION AND CONSTRUCTION

4 CREDITS

Construction and care of clothing. Application of color and design principles to wardrobe planning. Care, selection, planning, and purchasing of clothing for the family. Lecture 2 hours, laboratory 6 hours.

304. 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 personality development; modes of adjustment. Laboratory experience related to home economics: observation and supervision in nursery schools, homes, psychoeducational centers, classrooms, and hospitals. Team teaching: departments of nursing, education, and home economics.

SOCIAL
SCIENCES

321. MEAL MANAGEMENT

4 CREDITS

Food preparation. Social, cultural, and historical interrelationships of food and its service. Emphasis on managerial, economic, psychological, nutritional, and aesthetic implications. Lecture 2 hours, laboratory 4 hours. Prerequisite: Home Economics 225.

341. SEX EDUCATION 2-3 CREDITS
(See Education 341.)

353. THE FAMILY 3 CREDITS
Origin, nature, and purposes of the family. Factors involved in living as a Christian family in a changing society.

363. HOUSING AND INTERIOR DESIGN 3 CREDITS
Factors in house-selection and home furnishings in terms of individual and family needs and values.

372. ECONOMICS AND CONSUMER EDUCATION 3 CREDITS
Economics: its nature and problems, both domestic and international; standards and legislation as related to marketing and consumer problems; purchasing of goods and services.

427. HOME MANAGEMENT 4 CREDITS
Presentation of the integrated nature of home management; concerns, values, and goals as reflected in interpersonal relationships within the home. Laboratory experiences in a home management residence and in typical family homes. Lecture 2 hours, laboratory 4 hours. Prerequisites: Home Economics 225, 321 and 372.

471. SEMINAR 2 CREDITS
Directed reading and study of unifying principles of family living. Research on selected topics.

INDEPENDENT STUDY 1-4 CREDITS

POLITICAL SCIENCE

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Minor: 20 hours including 251.

251. AMERICAN GOVERNMENT 4 CREDITS
American political structure to include the organization, powers, functions, and services of national, state, and local governments, and their interdependence in seeking solutions to contemporary social, economic, and political issues.

301. INTERNATIONAL RELATIONS 3 CREDITS
An analysis of the nature of World War II and its forces; topical treatment of the effect of nuclear technology on international relations, the Third World and its role in the international system, the place of rehabilitated Europe in the international arena and the confrontation of the super powers.

321. COMPARATIVE GOVERNMENT 3 CREDITS
Political systems of Great Britain, France, The Federal Republic of Germany, and the Union of Soviet Socialist Republics with the United States.
322. COMPARATIVE GOVERNMENT 3 CREDITS
Select Asian and African countries, their political systems and their role in world affairs.
- 461, 462. EMERGING NATIONS 3, 3 CREDITS
(See History 461, 462.)
467. SOVIET BLOC 3 CREDITS
Formation of the Communist World, relations between members of the Bloc and the Western Powers, the developing nations and the Bloc, and Communist Parties not in power.
471. SEMINAR
(See History 471.)
- INDEPENDENT STUDY 1-4 CREDITS

PSYCHOLOGY

Minor: 20 hours.

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. *General Education requirement.*
304. 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 discussion supplemented with systematic observations and laboratory experiences with children in the Psycho-Educational Center and other institutions approved by the instructor. Lecture 2 hours, laboratory 2 hours.
315. 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. Lecture 2 hours, laboratory 2 hours.

SOCIAL
SCIENCES

320. **PSYCHOLOGY OF READING** 3 CREDITS

Application of psychological principles to the reading-learning process; methods of teaching developmental reading. Lecture 2 hours, laboratory 2 hours.

341. **SEX EDUCATION** 2-3 CREDITS

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

367. **SOCIAL PSYCHOLOGY** 3 CREDITS

Problems of social behavior; social aspects of personality in group living. Prerequisite: Psychology 101.

401. **PSYCHOLOGY OF SPEECH CORRECTION** 2-3 CREDITS

Speech problems and remedial techniques: articulation defects, stuttering, delayed speech, cleft palate, cerebral palsy, and voice disorders.

415. **INTRODUCTION TO RESEARCH** 3 CREDITS

Hypothesis development; basic techniques in scientific inquiries; elementary statistics.

SOCIOLOGY AND SOCIAL WELFARE

Sociology Major: 30 hours including 101, 471.

Sociology Minor: 20 hours including 101.

Social Welfare Major: 30 hours including 101, 221, 304, 353, 472, 473, 476.

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101. **ELEMENTS OF SOCIOLOGY** 3 CREDITS

Foundations and principles of social order, social control, social institutions, and social life.

112. **ANTHROPOLOGY** 3 CREDITS

Man from pre-historic days to the present; man's relationship to his environment, to other members in society, and to the supernatural.

221. **SOCIAL PROBLEMS** 3 CREDITS

Social and physical disorganization including poverty and unemployment, crime and delinquency, race relations, population.

304. **HUMAN DEVELOPMENT AND ADJUSTMENT** 3 CREDITS

(See Psychology 304.)

336. CHILD WELFARE 3 CREDITS
Historical and contemporary aspects of child welfare problems.

341. SEX EDUCATION 2-3 CREDITS
(See Psychology 341.)

353. THE FAMILY 3 CREDITS
Origin, nature and purpose of the family. Factors involved in living as a Christian family in a changing society.

367. SOCIAL PSYCHOLOGY 3 CREDITS
Problems of social behavior; social aspects of personality in group living. Prerequisite: Psychology 101.

415. SOCIAL GERONTOLOGY 3 CREDITS
Biological and psychological changes of aging; the impact of aging upon individuals and society; reactions of individuals and society to aging.

442. URBAN SOCIOLOGY 3 CREDITS
Patterns, structures, function, and problems of urban communities.

452. HISTORY OF SOCIAL THOUGHT 3 CREDITS
Development of sociological theory from the earliest civilizations to the present century. Emphasis on contemporary trends in the United States.

460. READINGS IN SOCIOLOGY 3 CREDITS
Directed readings of modern works in the various fields of sociology for analysis of social phenomena.

471. SEMINAR 3 CREDITS
(See History 471.)

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

472. SOCIAL WELFARE AS AN INSTITUTION 3 CREDITS
Structure and scope of public assistance; function of social worker in public welfare services.

473. INTRODUCTION TO SOCIAL WORK 3 CREDITS
Principles, values, and methods of social intervention.

476. FIELD EXPERIENCE AND SEMINAR 6 CREDITS
Professionally supervised practical experiences in social agencies. Group discussions, use of actual case material, reports on selected reading.

INDEPENDENT STUDY 1-4 CREDITS

ACADEMIC CALENDAR

First Semester

1969-1970

September

2, 3

8

October

27

November

27-29

December

1

15-19

22

Registration

Classes begin

Mid-semester examinations begin

Thanksgiving vacation

Classes resume

Final examinations

Grades due

Second Semester

January

8, 9

12

March

2

Registration

Classes begin

Mid-semester examinations begin

Easter Vacation

Classes resume

April

20-24

26

28

Final examinations

Baccalaureate and Commencement Exercises

Grades due

Post-term

May

1

4

29

Registration

Classes begin

Final examinations

Summer Session

June

18

22

July

30, 31

Registration

Classes begin

Final examinations

1970-1971

September

1, 2

7

October

26

November

26-28

30

December

14-18

21

January

7, 8

11

March

1

April

8-12

13

19-23

25

27

May

1

3

28

June

17

21

July

29, 30

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

1970

JANUARY							FEBRUARY							MARCH							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
					1	2	1	2	3	4	5	6	7	1	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14	
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21	
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28	
25	26	27	28	29	30	31								29	30	31					

APRIL							MAY							JUNE							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
					1	2	3	1	2	3	4	5	6	1	1	2	3	4	5	6	7
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12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27	
26	27	28	29	30			24	25	26	27	28	29	30	28	29	30					
							31														

JULY							AUGUST							SEPTEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
					1	2	3	1	2	3	4	5	6	1	1	2	3	4	5	6	7
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	
19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26	
26	27	28	29	30	31		23	24	25	26	27	28	29	27	28	29	30				
							30	31													

OCTOBER							NOVEMBER							DECEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
					1	2	3	1	2	3	4	5	6	7	1	1	2	3	4	5	6
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12	
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	
25	26	27	28	29	30	31	29	30						27	28	29	30	31			

1971

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1		1	2	3	4	5	6	7	1	2	3	4	5	6
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10	11	12	13	14	15	16	14	15	16	17	18	19	20	21	22	23	24	25	26	27
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JULY							AUGUST							SEPTEMBER						
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OCTOBER							NOVEMBER							DECEMBER						
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23	24	25	26	27	28	29	27	28	29	30	31			24	25	26	27	28	29	30
30	31																			

OCTOBER							NOVEMBER							DECEMBER						
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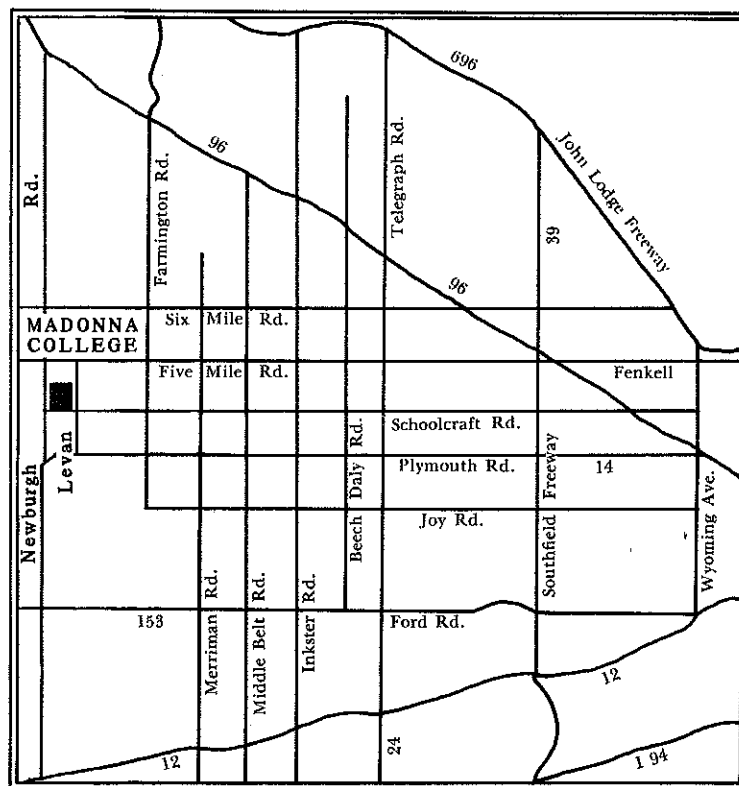
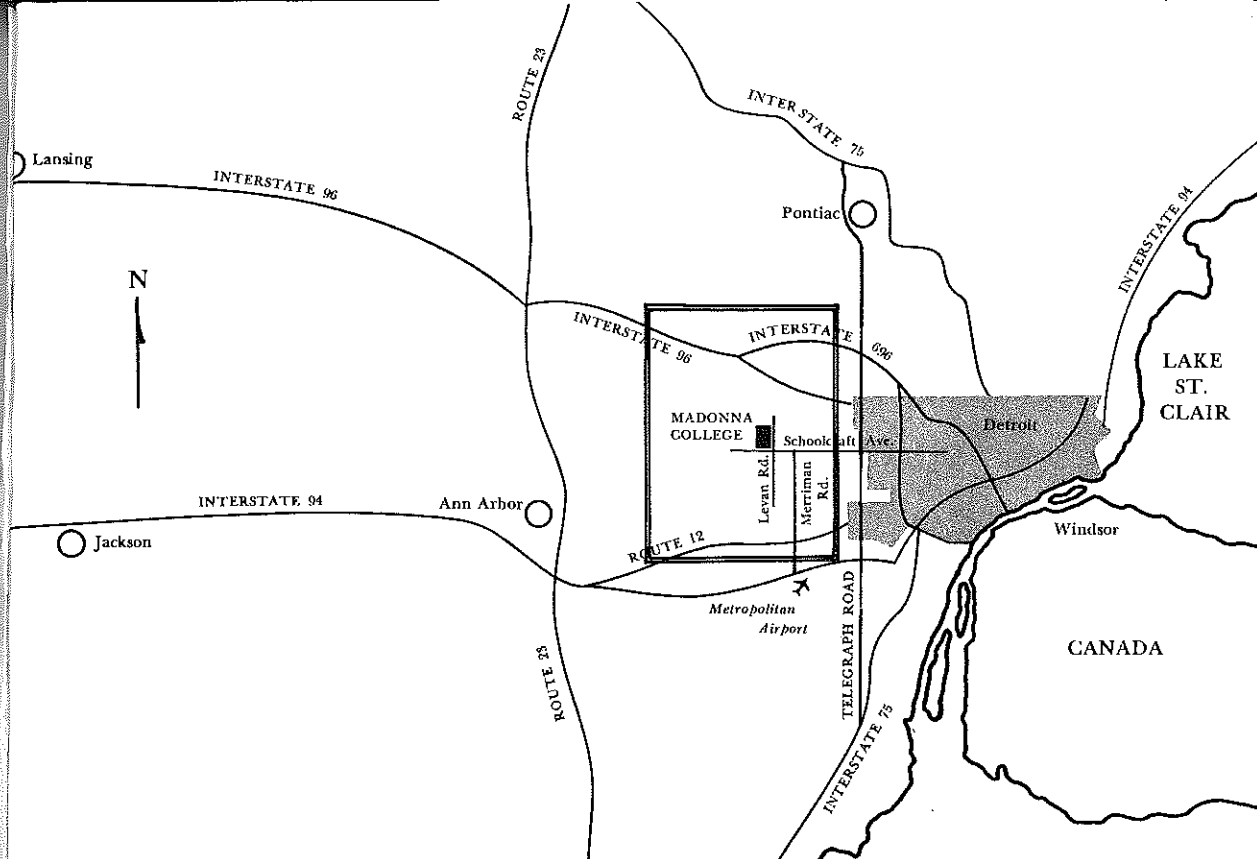
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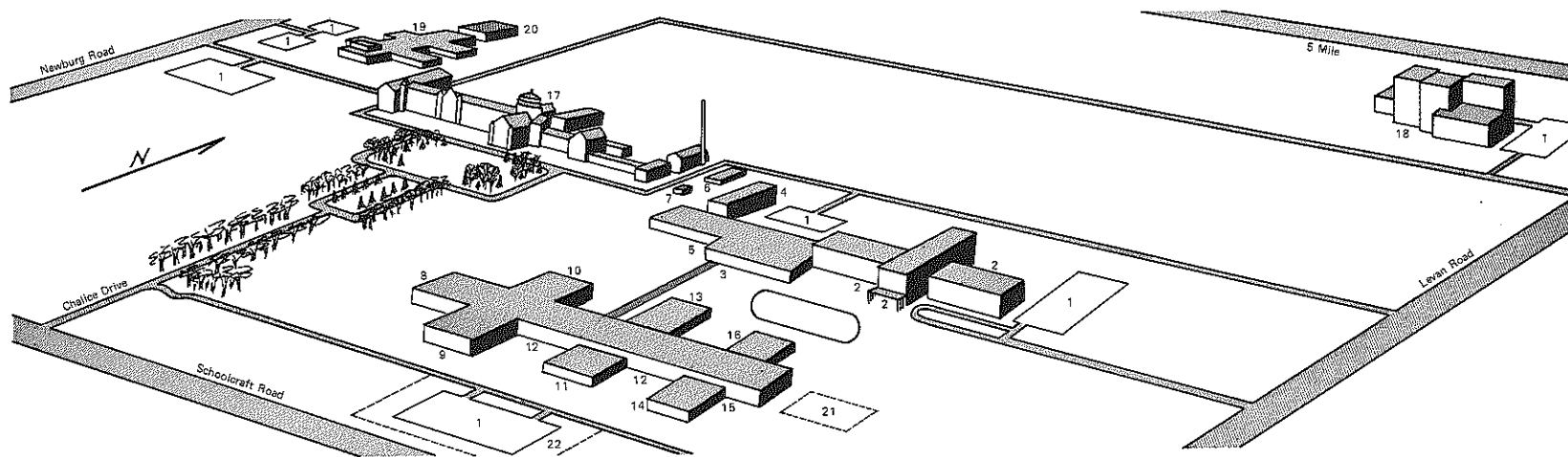
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NOTES





1. Parking Lot
2. Residence Halls
3. Cafeteria and Student Center
4. Faculty Residence
5. Campus Chapel
6. Clergy Motel
7. Guest House
8. Administration

9. Education and Psycho-Educational Center
10. Library
11. Science Lecture Hall
12. Classrooms and Departmental Offices
13. Science
14. Music
15. Home Economics

16. Art
17. Felician Sisters Provincialate
18. St. Mary Hospital
19. Ladywood High School
20. Maria Day Nursery
21. Gymnasium (Proposed)
22. Cultural Center (Proposed)

MADONNA COLLEGE CAMPUS MAP