



College of NURSING

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DEAN

The nursing profession is committed to the promotion of health through the provision of high quality nursing care within the health care system. Nursing encompasses health promotion, health maintenance, crisis care, and rehabilitation. The goal of nursing is to facilitate adaptation toward optimal health throughout the developmental continuum. To achieve this goal, the nurse interacts independently with the client and other members of the health team. Nursing, as a theory-based discipline, continually strives to improve the quality of care through the application of knowledge obtained through scientifically based inquiry.

The College of Nursing offers an undergraduate program leading to the Bachelor of Science degree with a major in Nursing and graduate programs leading to the Master of Science in Nursing degree and a Doctor of Philosophy degree with a major in Nursing. The focus of the undergraduate program is basic professional education, that of the Master's program is the education of advanced practice nurses while the Ph.D. Program prepares nurse researchers.

UNDERGRADUATE PROGRAM

The undergraduate nursing program provides a foundation for professional practice based on the biological, physical, and behavioral sciences and the humanities. The program is designed to prepare the student for nursing practice with individuals, families, and aggregates of persons in a variety of health states, and in a variety of health care settings including hospitals and community health agencies. With professional experience, the graduate may progress to beginning-level leadership positions. The program, which has been approved by the Michigan Board of Nursing and accredited by the Na-

tional League for Nursing, also provides a foundation for graduate study in nursing.

Students who are seeking admission to the undergraduate nursing program and who have declared nursing as their major preference will receive academic advisement from the College of Nursing. However, there is no guarantee that such students will be admitted to the nursing major.

Admission to the Major

Applications for admission to the nursing major are reviewed once each year. A limited number of positions are available during each selection period. Students may be admitted to the nursing major for Fall semester only.

Students who wish to be considered for admission to the nursing major must submit their applications to the College of Nursing by March 1 of the year that admission is sought. To qualify for admission to the nursing major, a student must have completed the required Prenursing Courses listed below, must have a minimum cumulative grade-point average of 2.50, and must have a minimum cumulative grade-point average of 2.20 in the sciences. Students who qualify for admission to the nursing major may be freshmen, sophomores, juniors, and seniors. Applicants are ranked, and selection is based on cumulative grade-point average. Factors such as the diversity of the student body may also be considered in the selection process.

Registered Nurse students who wish to receive some credits toward a Bachelor of Science in Nursing degree and recognition of having completed a portion of the nursing program must complete the National League for Nursing Mobility II Examinations *before* they are admitted to Michigan State University.

Prenursing Courses

			CREDITS
ANT	316	General Human Anatomy	3
BS	111	Cells and Molecules	3
CEM	141	General Chemistry	4
HNF	150	Introduction to Nutrition and Food Science	3
One Tier I writing course			4

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Registered Nurse and transfer students seeking admission to the College of Nursing may obtain policies, such as the MSU College of Nursing Student Performance Policy, pertaining to progression through the major and academic advising by contacting the College.

Requirements for the Bachelor of Science in Nursing Degree

- The University requirements for bachelor's degrees as described in the *Undergraduate Education* section of the catalog; 120 credits, including general elective credits, are required for the Bachelor of Science in Nursing degree.

Students who are enrolled in the Nursing major leading to the Bachelor of Science in Nursing degree in the College of Nursing may complete an alternative track to Integrative Studies in Biological and Physical Sciences that consists of the following courses: Biological Science 111, Chemistry 141, Microbiology 205 and 206, Nursing 202 or 314 and Physiology 250. The completion of Microbiology 206 and Nursing 202 or 314 satisfies the laboratory requirement. Biological Science 111, Chemistry 141, Microbiology 205 and 206, Nursing 202 or 314 and Physiology 250 may be counted toward both the alternative track and the requirements for the major referenced in item 2. below.

The completion of the Tier I writing course that is included in the list of Prenursing Courses referenced in item 2. a. below may also be counted toward the University Tier I writing requirement.

The University's Tier II writing requirement for the Nursing major is met by completing Nursing 319, 410, and 413. Those courses are referenced in item 2. b. below.

- The following requirements for the major:

			CREDITS
a.	All of the Prenursing Courses listed above		17
b.	All of the following major courses, which must be completed in accordance with the College's standards for progress toward the degree, including the standards for professional practice:		65
	FCE 225 Ecology of Lifespan Human Development in the Family		3
	MIC 205 Allied Health Microbiology		3
	MIC 206 Allied Health Microbiology Laboratory		1
	NUR 202 Introduction to Nursing Practice I		3
	NUR 204 Introduction to Nursing Practice II		4
	NUR 303 Concepts of Nursing Care of the Adult		4
	NUR 304 Practicum in Nursing Care of the Adult		4
	NUR 305 Concepts of Nursing Care of the Childbearing Family		2
	NUR 306 Practicum in Nursing Care of the Childbearing Family		3
	NUR 307 Concepts of Nursing Care of Children and Their Families		2
	NUR 308 Practicum in Nursing Care of Children and Their Families		3
	NUR 319 Introduction to Nursing Theory and Research		3
	NUR 341 Clinical Problems in Adaptation		3
	NUR 409 Concepts of Psychiatric, Mental, and Community Health Nursing		4
	NUR 410 Practicum in Community Health Nursing		3
	NUR 412 Practicum in Psychiatric and Mental Health Nursing		3
	NUR 413 Issues in Professional Nursing		2
	NUR 420 Senior Practicum in Nursing		4
	PHL 344 Ethical Issues in Health Care		4
	PHM 350 Introductory Human Pharmacology		3
	PSL 250 Introductory Physiology		4
c.	One of the following courses:		3 or 4
	STT 200 Statistical Methods		3
	STT 201 Statistical Methods		4

NOTE: Registered Nurse students must complete Nursing 314 in place of Nursing 202 and 204.

GRADUATE STUDY

The College of Nursing offers two graduate degrees, the Master of Science in Nursing and the Doctor of Philosophy with a major in Nursing.

Master of Science

The Master of Science degree program consists of five academic semesters, and focuses on the preparation of advanced practice nurses. There are two areas of concentration in the program: gerontology and family. The program has been fully accredited by the National League for Nursing.

Advanced practice nurses use specialty skills and knowledge in providing care to clients of all ages and stages of development in primary care settings. Advanced practice nurses function interdependently with other health care providers to provide primary care.

Advanced practice nurses assess the physical, socio-emotional, and developmental states of individual clients and their families, analyze health behavior, apply clinical judgment, and intervene in a manner to improve the quality and effectiveness of health care delivery. They recognize the importance of health promotion, as well as early recognition and prompt treatment and management of illness, prevention of complications, and needed rehabilitation. Client and family education, guidance, and advocacy are vital characteristics of the advanced practice nurse's role.

Advanced practice nurses are aware of the importance of community resources. They collaborate with agencies to meet clients' needs and apply knowledge of organizational systems, health legislation, and technology in the delivery of primary care. Using advanced practice knowledge and skills, advanced practice nurses manage clients' health care and devise mechanisms for the evaluation of the overall quality of health care. Advanced practice nurses use advanced leadership skills to enhance the nurse's role and responsibility in contributing to primary care. They contribute to an expanded body of nursing knowledge by participating in clinical nursing research.

Students must meet the requirements of the University as described in the *Graduate Education* section of this catalog, in addition to the requirements of the College of Nursing specified below.

Students who are enrolled in the Master of Science in Nursing degree program may elect specializations in infant studies. For additional information, refer to the statement on *Interdepartmental Graduate Specializations in Infant Studies* in the *College of Social Science* section of this catalog.

Admission

To be considered for admission to the Master of Science in Nursing program, an applicant must have:

- Submitted a University application for admission and a curriculum vita.
- Completed an undergraduate nursing program fully accredited by the National League for Nursing.
- Current licensure to practice nursing in the United States and be eligible for Michigan licensure.

Regular Status

To be admitted to the Master of Science in Nursing program on regular status, an applicant must have:

- A minimum grade-point average of 3.00 (4.0 scale) for total credits completed during the second half of the four-year baccalaureate nursing program.
- The equivalent of at least three years of full-time clinical work experience as a registered nurse.
- Completed an approved statistics course with a minimum grade of 3.0 (4.0 scale) within five years of the planned date of enrollment. Concepts covered in the statistics course should include correlation, regression, analysis of variance, t-test, and chi-square.

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4. Submitted an essay acceptable to the College of Nursing stating plans for graduate study and professional career.
5. Performed satisfactorily in personal interviews with College of Nursing faculty.
6. Satisfactory scores on the Graduate Record Examination General Test taken within five years of the planned date of enrollment, or have satisfactorily completed a graduate degree program.
7. Completed the Test of English as a Foreign Language with a total score of 580 (paper version) or 237 (computer version) or above with no subscore below 55 (paper version) or 21 (computer version), if the applicant's native language is not English. Equivalent scores on the English Language Center Test may be substituted.
8. Completed the Educational Testing Service Test of Spoken English (TSE) with a score of 50 or above, if the applicant's native spoken language is not English.

Provisional Status

Applicants who do not meet the requirements for regular admission to the Master of Science in Nursing program may be accepted provisionally. Provisionally admitted students are required to satisfy deficiencies as specified in the letter of admission.

Requirements for the Master of Science in Nursing Degree in Nursing

A total of 47 credits is required for the degree under either Plan A (with thesis) or Plan B (without thesis). The student must meet the requirements specified below:

	CREDITS
Requirements for Both Plan A and Plan B	43
1. All of the following core courses (23 credits):	
NUR 801 The Advanced Practice Nurse in Primary Care	2
NUR 803 Conceptual Frameworks for Advanced Practice Nursing	3
NUR 805 Pathophysiology for Advanced Practice Nursing	3
NUR 807 Clinical Decision Making	3
NUR 809 Applied Pharmacology for Primary Care	3
NUR 811 Research and Evaluation for Advanced Practice Nurses	3
NUR 813 Applied Nursing Research and Evaluation	4
NUR 841 Contemporary Issues Impacting Advanced Practice Nursing	2
2. One of the following two concentrations (20 credits):	
<i>Family Advanced Practice Nursing</i>	
NUR 820 Health Assessment of the Family	2
NUR 821 Primary Care Management of the Family I	3
NUR 822 Practicum I: Primary Care for the Family	6
NUR 823 Primary Care Management of the Family II	2
NUR 824 Practicum II: Primary Care for the Family	7
<i>Gerontological Advanced Practice Nursing</i>	
NUR 830 Health Assessment of Older Adults	2
NUR 831 Primary Care Management of Older Adults I	3
NUR 832 Practicum I: Primary Care for Older Adults	6
NUR 833 Primary Care Management of Older Adults II	2
NUR 834 Practicum II: Primary Care for Older Adults	7
3. Pass a comprehensive examination at the completion of the course work referenced in items 1. and 2. above.	
Additional Requirements for Plan A:	4
NUR 899 Master's Thesis Research	4
Complete a master's thesis acceptable to the student's thesis committee.	
Pass an oral examination based on the thesis.	
Additional Requirements for Plan B:	4
Complete 4 additional credits at the 500-800 level approved by the student's program committee.	4

Part-time Students

Although many nursing students pursue the master's degree on a part-time basis, all degree candidates will be expected to maintain minimum degree progress standards established by the College and published in the *College of Nursing Graduate Student Handbook*. Students are also expected to complete at least one course per semester until the degree is earned.

Academic Standards

A cumulative grade-point average of 3.00 and a grade of 3.0 in *each* nursing course required for the major must be maintained to continue in the program. The accumulation of grades below 3.0 in more than two nonnursing courses of two or more credits each removes the student from candidacy for the degree. A student who fails to meet the standards may be required by the Dean to withdraw at the end of any semester.

Transfer Credits

Up to 10 semester credits of graduate course work (excluding thesis credits) may be transferred into the Master of Science in Nursing program from other National League for Nursing accredited programs upon approval of the College of Nursing.

Time Limit

The time limit for completing the degree is six years from the beginning of the first semester in which credit toward the degree was earned.

Doctor of Philosophy

The Doctor of Philosophy degree program with a major in Nursing is designed with a major emphasis in health status and health outcomes research related to individuals and families within the context of community-based primary care. Graduates will conduct and facilitate research in a variety of academic, clinical and community-based settings.

Admission

In addition to meeting the requirements of the University as described in the Graduate Education section of this catalog, students must meet the requirements specified below.

- 1) Grade-point average of at least 3.00 for all previous academic work.
- 2) Graduate Record Examination Verbal, Quantitative, and Analytic sections completed within last five years.
- 3) Master's degree in nursing.
- 4) Three references from academic or employment sources.
- 5) Personal interview with faculty.
- 6) Satisfactory completion of master's level statistical pretest.

Requirements for the Doctor of Philosophy Degree in Nursing

In addition to meeting the University requirements for the Ph.D. degree, students will complete a program of required and selected courses. Required courses guide the student in the principles and methods of research for the evaluation and testing of current and developing theories relevant to nursing. Courses in the selected area of focus offer opportunity for students to build upon their educational and experiential backgrounds to develop greater depth of knowledge in their research area. Students will be involved in a community health care site to gain an in-depth understanding of the dynamics in the translation of scientific knowledge to the practice setting. Students will also be required to participate in a research team to gain experience in the conduct of nursing research.

	CREDITS
Course Requirements:	
1. All of the following	52
CEP 933 Quantitative Methods in Educational Research	3
CEP 934 Multivariate Data Analysis	3
NUR 901 Knowledge Development in Nursing	3
NUR 910 Health Status Outcomes: The Individual	3

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NUR 911	Health Status Outcomes for Community/Primary Care	3
NUR 920	Translation of Research to a Community Setting	3
NUR 930	Methods in Clinical Research	3
NUR 940	Research Practicum	3
NUR 999	Doctoral Dissertation Research	24

PHL 480	Philosophy of Science	4
2.	A minimum of 3 credits in advanced research methodology and analysis, as approved by committee.	3
3.	Selected courses in area of focus, as approved by committee.	6