Nursing (NURS)

Dean: Janet Krejci, Ph.D., R.N.
College of Nursing website (http://www.marquette.edu/nursing/academicprograms-graduate.shtml)

Degrees Offered

Master of Science in Nursing, students are admitted under Plan B (non-thesis option, no comprehensive examination required) but Plan A (thesis option) is also offered; Post-master’s Certificate; Post-baccalaureate Certificate; Doctor of Nursing Practice, Doctor of Philosophy

Program Descriptions

Master of Science in Nursing

The master of science in nursing programs include:

1. **The Direct Entry Master of Science for Non-nurses program.** This program offers a generalist master of science in nursing to students with a non-nursing baccalaureate degree. Graduates of this program are academically prepared to take the national licensing examination as a registered nurse (NCLEX).

2. **The Direct Entry Master of Science for A.D.N. Nurses program.** This program is designed for A.D.N. nurses who have baccalaureate degrees in a non-nursing discipline. Graduates are prepared for specialty roles in advanced nursing practice or nursing leadership and makes them academically eligible to seek professional certification in one of these specialty nursing roles.

3. **The Master of Science in Nursing program.** This program is designed for nurses with baccalaureate degrees in nursing and prepares students for specialty roles in advanced nursing practice and nursing leadership. Graduates of the specialty program are academically eligible to seek professional certification in one of these roles.

MASTER OF SCIENCE IN NURSING — SECOND DEGREE DIRECT ENTRY FOR NON-NURSES with Non-nursing Baccalaureate Degrees

The master’s program for non-nursing graduates is designed for those individuals who hold baccalaureate degrees in fields other than nursing and who wish to become nurses. The program builds upon students’ broad educational preparation and provides an intense, accelerated nursing curriculum to meet students’ career goals.

There are two campuses for the program: the Milwaukee campus and the Pleasant Prairie campus. The latter is a hybrid program with online theory classes and in-person clinical and laboratory experiences. Full-time status is required for the program. Maintenance of 3.000 GPA each term and every summer session are required.

Admission and Application Requirements for M.S.N. – Second Degree Direct Entry for Non-Nurses

1. Baccalaureate degree in a discipline other than nursing with a GPA of 3.000 or above, using a 4.000 system.

2. GRE scores (General Test only). Waived if applicant already has a master’s degree or if undergraduate GPA is 3.200 or above.

3. Completion of three recommendation forms.

4. Completion of the following prerequisite courses with grade of C or above:
   - Human anatomy and physiology: 5-6 credits (preferably within the last 5 years).
   - Chemistry or biochemistry or biology or microbiology: 5-6 credits total (preferably within the last 5 years).
   - Therapeutic nutrition: 3 credits.
   - Behavioral sciences, e.g., psychology, sociology: 3 credits.
   - Statistics (including inferential): 3 credits to be completed within the last 5 years of program start date. For students who have had an inferential statistics course, but it has been longer than five years, the ability to demonstrate proficiency by examination may be available through an approved testing source. A list of approved examination providers is available from the College of Nursing.

5. Resume and written statement of professional goals.

6. Official transcripts from all current and previous colleges/universities except Marquette.
7. (For international applicants only) a TOEFL score or other acceptable proof of English proficiency.

8. A completed application form and fee online directly to NursingCAS (http://www.nursingcas.org).

Students admitted to the Milwaukee and Pleasant Prairie locations are required to pay a non-refundable $500 deposit, which is applied toward tuition.

**MASTER OF SCIENCE IN NURSING — SECOND DEGREE DIRECT ENTRY FOR NURSEs with an Associate Degree in Nursing and Non-nursing Baccalaureate Degrees**

This program facilitates students who have an associate's degree in nursing and also have a bachelor's degree in a discipline other than nursing to complete a master of science in nursing degree with a specialty focus as an advanced practice nurse or nurse leader.

**Admission and Application Requirements for M.S.N. — Second Degree Direct Entry for A.D.N. Nurses**

1. Baccalaureate degree in a discipline other than nursing with a GPA of 3.000 or above, using a 4.000 system.

2. Associate's degree in nursing with a GPA of 3.000 or above, using a 4.000 system.

3. GRE scores (General Test only). Waived if applicant already has a master's degree or if undergraduate GPA is 3.200 or above.

4. Completion of three recommendation forms.

5. Resume and written statement of professional goals.

6. Completion of the following prerequisite courses with grade of C or above:
   - Anatomy and physiology: 5-6 credits.
   - Chemistry or biochemistry or biology or microbiology: 5-6 credits total.
   - Behavioral sciences, e.g., psychology, sociology: 3 credits.
   - Statistics (including inferential): 3 credits to be completed within 5 years of program start date. For students who have had an inferential statistics course, but it has been longer than five years, the ability to demonstrate proficiency by examination may be available through an approved testing source. A list of approved examination providers is available from the College of Nursing.

7. Official transcripts from all current and previous colleges/universities except Marquette.

8. Wisconsin or eNLC R.N. Licensure.

9. (For international applicants only) a TOEFL score or other acceptable proof of English proficiency.

10. A completed application form and fee online directly to NursingCAS (http://www.nursingcas.org).

Students admitted to the Milwaukee and Pleasant Prairie locations are required to pay a non-refundable $500 deposit, which is applied toward tuition.

**MASTER OF SCIENCE IN NURSING for Nurses with Baccalaureate Degrees in Nursing**

The master of science in nursing program for nurses with baccalaureate degrees in nursing prepares nurses for specialty roles in advanced practice nursing or nursing leadership. Graduates of the specialty program are academically eligible to seek formal professional certification.

**Master of Science in Nursing Specializations**

**Adult-Older Adult Primary Care Nurse Practitioner**

Prepares students to apply advanced clinical assessment and management skills to episodic and chronic health problems. Care includes health promotion, advanced physical assessment, diagnosis and management of health problems in patients aged 13 and up, in a clinic setting. Graduates are academically eligible to take the national certification examination for adult gerontology primary care nurse practitioner.

**Adult-Older Adult Acute Care Nurse Practitioner**

Prepares students to apply advanced clinical assessment and management skills to complex health problems. Graduates care for acutely ill patients, ages 13 and up, in a variety of settings such as acute care facilities, specialty practice offices and skilled care. Graduates are academically eligible to take the national certification examination for adult gerontology acute care nurse practitioner. This specialization is offered both at the Milwaukee and the Indianapolis campuses. One year of full-time nursing experience in an acute care setting with the adult population is required prior to beginning clinical courses.

**Adult-Older Adult Clinical Nurse Specialist**
Nursing (NURS)

Prepares students for practice in three spheres of influence: patient/family, nurse/nursing and organizational/institutional. Includes knowledge of health promotion, advanced physical assessment, evidence-based practice, systems, quality and safety. Graduates are academically eligible to take the national certification examination for adult gerontology clinical nurse specialist.

**Nurse Midwifery**
Prepares students for independent management of low risk women during the antepartum, intrapartum and postpartum periods and for primary and gynecologic care of women throughout the life span. Graduates are prepared for collaborative management of women with risk factors. Program graduates are academically eligible to take the national certification examination of the American Midwifery Certification Board.

**Pediatric Primary Care Nurse Practitioner**
Prepares students for advanced practice as a pediatric nurse practitioner. Graduates are prepared to independently provide health care for children and families from simple to complex health issues, usually in primary care settings. Graduates are academically eligible to take primary care pediatric nurse practitioner national certification examinations.

**Pediatric Acute Care Nurse Practitioner**
Prepares students to manage complex chronically ill, acutely ill and critically ill children. Graduates are eligible to take the national certification examination for the acute care pediatric nurse practitioner specialty. This specialty may be attained through the M.S.N., D.N.P., or a post-master’s certificate for nurses who already have a master of science in nursing. One year of full-time nursing experience in a pediatric acute care setting is required prior to beginning clinical courses.

**Dual Primary Care and Acute Care Pediatric Nurse Practitioner**
Prepares students to practice as a dually-trained pediatric acute care/primary care nurse practitioner. Graduates are prepared to manage well children, pediatric acute and episodic illnesses, complex chronically ill, acutely ill and critically ill children. Graduates are eligible to take the national certification examinations for the acute care and primary care pediatric nurse practitioner specialties. One year of full-time nursing experience in a pediatric acute care setting is required prior to beginning acute care clinical courses.

**Clinical Nurse Leader**
Prepares the student to have competence in clinical outcomes management and health care environment management. Students complete core M.S.N. courses and a combination of illness management and health care systems leadership courses. These graduates remain at the point of care and assure patients receive health care in a safe, cost effective and timely manner by implementing lateral integration of care services. Graduates are academically eligible to take the AACN CNL® Certification Examination.

**Systems Leadership and Healthcare Quality**
Prepares the student for leadership, administrative and executive roles in health care. Graduates are academically eligible to take the national certification examination for Nursing Administration.

**Post-Master’s Graduate Certificate**
These certificate programs prepare nurses who already have a master of science in nursing to become academically eligible for certification as an advanced practice nurse or nurse leader.

**Certificate Programs**
- Adult-Older Adult Acute Care Nurse Practitioner
- Adult-Older Adult Primary Care Nurse Practitioner
- Adult-Older Adult Clinical Nurse Specialist
- Family Nurse Practitioner (only for nurse practitioners in primary care pediatric or adult-gerontology)
- Nurse Midwifery
- Pediatric Acute Care Nurse Practitioner
- Pediatric Primary Care Nurse Practitioner
- Psychiatric Mental Health Nurse Practitioner
- Systems Leadership and Healthcare Quality

**POST-BACCALAUREATE CERTIFICATE**
The post-baccalaureate certificate program prepares registered nurses and other health care or social service professionals for clinical case management and care coordination (CCM/CC) in a variety of health care system, community-based or managed care settings. Completion of the 12-credit graduate-level courses also provides a foundation to obtaining a graduate degree such as master of science in nursing (M.S.N.) or doctor of nursing practice (D.N.P.). Applicants to the post-baccalaureate certificate in clinical case management and care coordination (CCM/CC) must apply online through the Marquette University Graduate School (https://graduate.admissions.marquette.edu/apply).
Doctor of Nursing Practice

The doctor of nursing practice emphasizes development of nursing practice expertise at the highest level. The curriculum includes translational research, epidemiology, informatics, statistics, advanced clinical practice, health policy and professional issues. The doctor of nursing practice includes two entry points: the post-master to doctor of nursing practice and the post-baccalaureate to doctor of nursing practice.

The post-master to doctor of nursing practice entry requires the student to have a master of science in nursing with a specialization in an advanced practice or leadership/policy role. If students do not have this preparation in their master of science of nursing, a post-master’s certificate in one of these areas must be completed concurrently with the post-master’s doctor of nursing practice degree.

The post-baccalaureate to doctor of nursing practice entry prepares expert advanced practice nurses or nursing leaders who understand the complexities of health care, including patient safety, advanced diagnostics and treatments, information technology, business management and health care finance. Graduates of this program bring best practices to the point of service, having competence in evidence-based care and translational research methods for quality improvement. Graduates are eligible for specialty certification.

Doctor of Nursing Practice Specializations

Adult-Older Adult Primary Care Nurse Practitioner
Prepares students to have competence in leadership, evidence-based care and translational research methods for quality improvement as well as preparation at the very highest level to apply advanced clinical assessment and management skills to complex health problems. Care includes health promotion, advanced physical assessment, diagnosis and management of health problems in patients aged 13 and up, in a clinic setting. Graduates are academically eligible to take the national certification examination for adult gerontology primary care nurse practitioner.

Adult-Older Adult Acute Care Nurse Practitioner
Prepares students to have competence in leadership, evidence-based care and translational research methods for quality improvement as well as preparation at the very highest level to apply advanced clinical assessment and management skills to complex health problems. Graduates of this program care for acutely ill patients, ages 13 and up, in a variety of settings such as acute care facilities, specialty practice offices and skilled care. Graduates are academically eligible to take the national certification examination for adult gerontology acute care nurse practitioner. One year of full-time nursing experience in an acute care setting with the adult population is required prior to beginning clinical courses.

Nurse Anesthesia
Prepares students to have competence in leadership, evidence-based care and translational research methods for quality improvement as well as preparation at the very highest level to apply advanced clinical assessment and management skills to complex health problems. The nurse anesthesia program prepares expert clinicians who understand the complexities of health care, including patient safety, advanced diagnostics and treatments, information technology, business management and health care finance. The curriculum and clinical experiences prepare students in a variety of regional and general anesthesia techniques for every setting in which anesthesia is delivered to patients. A minimum of one year, preferably two years, of full-time work experience (or its part-time equivalent) as a registered nurse in a critical care setting within the United States, its territories or a U.S. military hospital outside of the United States is required prior to application.

Pediatric Primary Care Nurse Practitioner
Prepares students to have competence in leadership, evidence-based care and translational research methods for quality improvement as well as preparation at the very highest level to apply advanced clinical assessment and management skills. The program prepares nurses for advanced practice as pediatric nurse practitioners. Graduates are prepared to independently provide health care for children and families from simple to complex health issues usually in primary care settings. Graduates are academically eligible to take primary care pediatric nurse practitioner national certification examinations.

Pediatric Acute Care Nurse Practitioner
Prepares students to have competence in leadership, evidence-based care and translational research methods for quality improvement as well as preparation at the very highest level to apply advanced clinical assessment and management skills. Graduates are prepared to manage complex chronically ill, acutely ill and critically ill children. Graduates are eligible to take the national certification examination for the acute care pediatric nurse practitioner specialty. One year of full-time nursing experience in pediatric acute care setting is required prior to beginning clinical courses.

Dual Primary Care and Acute Care Pediatric Nurse Practitioner
Prepares students to have competence in leadership, evidence-based care and translational research methods for quality improvement as well as preparation at the very highest level to apply advanced clinical assessment and management skills. The program prepares nurses to practice as a dually trained pediatric acute care/primary care nurse practitioner. Graduates are prepared to manage well children, pediatric acute and episodic illnesses, complex chronically ill, acutely ill and critically ill children. Graduates are eligible to take the national certification examinations for the acute care and primary care pediatric nurse practitioner specialties. One year of full-time nursing experience in pediatric acute care setting is required prior to beginning acute care clinical courses.

Systems Leadership and Healthcare Quality
Admission and Application Requirements for the M.S.N. for Nurses with Baccalaureate Degrees in Nursing or Doctor of Nursing Practice and Post-master's Certificate

1. Applicants to the master of science in nursing (M.S.N.) program or the post-baccalaureate to doctor of nursing practice (D.N.P.) program should have graduated with, or be about to graduate with, a bachelor’s degree in nursing from a nationally accredited program with an upper division major in nursing. (Specifically, for the nurse anesthesia D.N.P. specialty, a baccalaureate or graduate degree in nursing from a nationally accredited college or university is required.) The applicants for the post-master to doctor of nursing practice must have an earned nursing master’s degree with a specialization in an advanced practice or leadership/policy role with evidence of certification in a specialty, if applicable. Applicants for a post master’s certificate must have an M.S.N.

2. The required minimum undergraduate GPA of 3.000 on a 4.000 scale is required for the M.S.N. and the post-baccalaureate D.N.P. Additionally, for the D.N.P. with the nurse anesthesia specialty, a science GPA of 3.000 or above is required. For programs requiring a prior master of science nursing degree, the GPA from that degree must be a minimum of 3.000 on a 4.000 scale. For graduates of foreign nursing schools, a formal evaluation of their nursing program of study documenting equivalency to a U.S. bachelor of science in nursing degree must be submitted.

3. Prior to or during the first term of study, all master of science in nursing and post-baccalaureate doctor of nursing practice applicants must have taken undergraduate nursing research and a statistics course which included inferential analysis (must be completed within 5 years of program start date). If the time period of 5 years has been exceeded for the statistics course, it may be possible for applicants to demonstrate proficiency by examination through an approved testing source (list of approved examinations available from the College of Nursing). Applicants who select an advanced practice nursing specialization must have taken an undergraduate course in health assessment.

4. Graduate Record Exam Scores (GRE). Waived if cumulative GPA is 3.200 or higher.

5. Unencumbered Registered Nurse license to practice in the United States. A Wisconsin or eNLC license is required at the time of admission. For students in the Indiana program, an Indiana R.N. license is required.

6. Clinical experience requirements
   a. For the acute care nurse practitioner programs (pediatric or adult-older adult): A minimum of one year of full-time work experience (or its part-time equivalent) as a registered nurse in an acute care setting is required prior to beginning any clinical courses.
   b. For nurse anesthesia: A minimum of one year, preferably two years, of full-time work experience (or its part-time equivalent) as a registered nurse in a critical care setting within the United States, its territories or a U.S. military hospital outside of the United States. Applicants must have developed as an independent decision maker capable of using and interpreting advanced monitoring techniques based on knowledge of physiological and pharmacological principles. A critical care setting is defined as one where, on a routine basis, the registered nurse manages one or more of the following: invasive hemodynamic monitors (e.g., pulmonary artery, central venous pressure, and arterial catheters), cardiac assist devices, mechanical ventilation and vasoactive infusions. Examples of critical care settings may include, but are not limited to: surgical intensive care, cardiothoracic intensive care, coronary intensive care, medical intensive care, pediatric intensive care and neonatal intensive care. Experiences in other areas may be considered provided the applicant can demonstrate competence with the above identified skills (i.e., invasive monitoring, etc.).

7. BCLS from the American Heart Association, which must be maintained during all programs. Additional certifications: pediatric acute care - PALS prior to clinical; pediatric primary care – optional PALS prior to clinical; adult-older adult acute care - ACLS prior to clinical; nurse anesthesia - ACLS and PALS certification upon admission.

8. Letters of reference: Three completed recommendation forms prepared by previous or present employers and teachers familiar with graduate education in nursing. For nurse anesthesia applicants, at least one letter must come from the critical care area.

9. A written statement of professional goals, including reasons for pursuing graduate study. Nurse anesthesia applicants must address career goals and future contributions to the nurse anesthesia profession in a two-page, double-spaced document.

10. Curriculum vitae or resume.

11. Official transcripts from all current and previous colleges or universities - must reflect undergraduate courses in health assessment, nursing research and statistics (including inferential analysis).

12. (For international applicants only) a TOEFL score or other acceptable proof of English proficiency.

13. A completed application form and fee online directly to NursingCAS (http://www.nursingcas.org).
14. An interview is required for applicants to nurse anesthesia and nurse midwifery programs. The adult-older adult acute care nurse practitioner may require an interview. Applicants who are invited for an interview are notified by email.

**Doctor of Philosophy**

The doctor of philosophy program in nursing prepares teacher-scholars. The curriculum focuses on vulnerable populations, which include persons at high risk for adverse health outcomes. Persons who are vulnerable may include such groups as the unborn, chronically ill, frail elders, impoverished children and the marginalized. The graduate of this doctoral program has the ability to advance health care through teaching, research and health care leadership.

Doctoral education in nursing is built on the master’s level nursing foundation. It is characterized by the acquisition of research skills necessary for the discovery and use of new nursing knowledge and for preparation for teaching roles.

There are two entry routes to the Ph.D program: post-master’s and post-baccalaureate. Applicants to the doctor of philosophy (Ph.D.) program in nursing should have graduated with, or be about to graduate with, a bachelor of science in nursing from a nationally accredited program or a master of science in nursing from a nationally accredited program.

For a bachelor’s applicant, the requirements are: R.N. licensure, a GPA of 3.200 on a 4.000 scale, a statistics course within the last 5 years, acceptable GRE scores, three letters of reference, a goal statement and a personal interview.

Generally, for a master’s applicant, a cumulative graduate GPA of 3.200 on a 4.000 scale is recommended. A graduate-level research course is a required prerequisite along with the GRE and a statistics course grade of a B or above within the last 5 years.

Graduates of foreign nursing schools must submit a formal evaluation of their nursing program of study which documents equivalency to a U.S. bachelor of science in nursing degree or master of science in nursing degree. They must be licensed to practice as a registered nurse in the United States.

Familiarity with computers and the web (e.g., electronic retrieval of data, word processing) is required for all applicants. Some courses use online, web-enhanced and/or hybrid teaching.

**Application Requirements for the Doctor of Philosophy**

Applicants must submit:

1. A completed application form and fee online directly to NursingCAS (http://www.nursingcas.org).
2. Official transcripts from all current and previous colleges/universities except Marquette.
3. Three Ph.D. letters of recommendation.
4. GRE scores (General Test only).
5. A curriculum vitae.
6. A written statement of professional goals, including reasons for pursuing graduate study. Applicants must include objectives/career intentions, including research interests.
7. Sample of scholarly writing.
8. (For international applicants only) a TOEFL score or other acceptable proof of English proficiency.

**Application Deadlines and Start Terms**

- **Nov. 15** For spring admission: M.S.N., direct entry M.S.N. for non-nurses (Pleasant Prairie), post-master’s certificates, Ph.D. and D.N.P. programs
- **Dec. 15** For summer admission for all programs. Required for direct entry M.S.N. for non-nurses (Milwaukee)
- **Feb. 15** For fall admission: M.S.N., direct entry M.S.N. for non-nurses (Pleasant Prairie), post-master’s certificates, Ph.D. and D.N.P. programs
- **Aug. 1** For fall admission: post-baccalaureate certificate in clinical case management and care coordination

M.S.N., post-master’s certificate, direct entry M.S.N. for non-nurses (Pleasant Prairie), Ph.D. and D.N.P. applicants who apply after the Feb. 15 deadline are considered on a space-available basis for fall admission, provided their application is complete by June 1.

**GENERAL INFORMATION**

Upon acceptance to the graduate program, students must complete and submit the Graduate Student Health Status Report form. Information on CPR requirements, physical examination and immunization status, including results of a T.B. skin test and proof of Wisconsin R.N. licensure (or Indiana R.N. licensure for students in the adult-older adult acute care nurse practitioner - Indianapolis M.S.N.) and a criminal background check and drug screen must...
be submitted to a program on the website (castlebranch.com). Results of a T.B. skin test must be provided annually, an influenza vaccine is required annually, and a drug screen must be completed three months prior to beginning clinical practicum courses. Students are responsible for the cost of these services. The information is required for progression within the program.

Clinical courses in the College of Nursing are restricted to students in the degree program. Various clinical facilities in the greater Milwaukee area, throughout Wisconsin and in northern Illinois are utilized for clinical experiences. Indiana based programs have clinical experiences in Indiana. While Marquette University is concerned about the professional advancement of its students, facilitates the process of certification, and provides excellent educational opportunities, it cautions that professional success in a chosen field requires, above all else, constant development of individual abilities, personal initiative and a professional sense of commitment to fulfill all appropriate legal and technical responsibilities. Hence, the university assumes no responsibility for the success of the students in obtaining educational certification or other types of professional licensure.

Licensure in Wisconsin or eNLC state is mandatory for employment with compensation.

**PROGRESSION POLICY**

The College of Nursing Academic Progression Policy for Graduate Students applies to all course work taken during the academic year and summer sessions. The policies of the Graduate School on academic performance, professional integrity, professional performance, academic dishonesty and student conduct are all followed by the College of Nursing. A variety of responses to problems in any of these areas may be implemented, depending on the nature of the problems encountered. Warnings, remediation plans, probation, immediate withdrawal from clinical or laboratory activities, suspension and dismissal are all possible actions under these policies. The College of Nursing considers any of the following as possible grounds for dismissal:

- Lack of satisfactory academic progress as evidenced by a failure to achieve a minimum cumulative GPA of 3.000 each term.
- Serious or repeated problems with academic, laboratory or clinical performance.
- Serious or repeated problems with professional integrity and professionalism.
- Serious or repeated problems with academic honesty.
- A lack of substantial and visible progress toward completion of program requirements, including failure to complete the comprehensive or qualifying examination, thesis or dissertation or capstone project.

**SPECIAL FEES**

1. $60 – Cardiopulmonary Resuscitation (CPR) Certification (approximate fee). (This certification must be maintained throughout the student's program through biannual recertification.)
2. $124 – Health requirements and criminal background check initial fee (approximate fee) and drug test. Additional costs may be required for immunizations, antibody titters and physical examinations. (castlebranch.com (https://www.castlebranch.com)).
3. $80 – A one-time clinical tracking system (Typhon (http://www.typhongroup.com/products.html)) fee for M.S.N. and D.N.P. students in the specialty clinicals.

**Additional fees for Direct Entry M.S.N. students:**

1. $500 – Assessment Tests, predictor examination, and NCLEX review course for the M.S.N. program for Non-Nursing Graduates. (Approximate fee. Exact amount based upon vendor costs in effect at time of registration.)
2. $300 – Uniforms for the M.S.N. program for Non-Nursing Graduates. (Approximate fee. Must be purchased through a private vendor. Vendor list available from the College of Nursing.)
3. $175 – Assessment Equipment for the M.S.N. program for Non-Nursing Graduates. (Stethoscope $70. Sphygmomanometer $60. Approximate fee. Exact amount based upon vendor costs in effect at time of registration. Must be purchased through a private vendor.)

**Program fees for Nurse Anesthesia students:**

**Acceptance Fee**

• The College of Nursing requires that all students accepting an offer of admission to the graduate nurse anesthesia educational program submit a non-refundable deposit of $1,000 to the Graduate School to be guaranteed a spot in the program. The deposit is then applied toward tuition and fees after the students register for the initial fall term.

**Annual Fees**
• Annual, nonrefundable, technology and evaluation fee of $2,659 to be paid in full at the start of each fall term.

• Annual malpractice insurance fee of $275 to be paid in full at the start of each fall term. Nurse anesthesia students are required to hold malpractice insurance coverage as identified by the program with a policy start date of 9/1 for each year enrolled in the program. This coverage must be maintained throughout the program. A lapse in malpractice coverage results in removal of students from clinical site rotations.

Additional Expenses

• Associate membership with the American Association of Nurse Anesthetists (AANA) (approximately $200) Purchased in fall of the first year in the program, and membership is valid for the duration of nurse anesthesia educational program enrollment.

• BLS/ACLS/PALS certification: variable cost - Active BLS/ACLS/PALS certifications must be maintained throughout program enrollment.

• Text books and other personal instructional aids.

• Any costs incurred while on rotation to various clinical sites, attending professional meetings or external review courses.

• Scrub attire and lab coat (approximately $100). Students are required to purchase one set of scrub attire and one lab coat.

• Clinical verification process: approximately $125 first year in program; $40 in years two and three of the program. Nurse anesthesia students must maintain compliance with all clinical-related requirements for the duration of program enrollment or risk being removed from clinical site rotations.

ACCREDITATION

The bachelor of science in nursing, master of science in nursing, doctor of nursing practice, and post-graduate APRN certificate programs at Marquette University College of Nursing are accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001, (202) 887-6791, aacnnursing.org/CCNE (http://www.aacnnursing.org/CCNE); the Accreditation Commission for Midwifery Education (ACME) of the American College of Nurse-Midwives (ACNM), 8403 Colesville Road, Suite 1550, Silver Spring, MD 20910-6374, (240) 485-1800, http://www.midwife.org/; Council on Accreditation of Nurse Anesthesia Educational Programs (COA), 222 S. Prospect Avenue, Park Ridge, IL 60068-4001, (847) 655-1160, home.coa.us.com (http://home.coa.us.com/Pages/default.aspx).

Nursing Master's Requirements

Specializations:

Advanced Practice Nursing: Adult-Older Adult Acute Care Nurse Practitioner
Advanced Practice Nursing: Adult-Older Adult Primary Care Nurse Practitioner
Advanced Practice Nursing: Adult-Older Adult Clinical Nurse Specialist
Advanced Practice Nursing: Dual Primary Care and Acute Care Pediatric Nurse Practitioner
Advanced Practice Nursing: Nurse-Midwifery
Advanced Practice Nursing: Pediatric Primary Care Nurse Practitioner
Advanced Practice Nursing: Pediatric Acute Care Nurse Practitioner
Clinical Nurse Leader
Systems Leadership and Healthcare Quality

The M.S.N. program is designed to prepare students in the advanced practice specialties such as nurse practitioners, clinical nurse specialists, nurse midwives, nurse administrators/leaders, clinical nurse leaders or as nurse generalists. Graduates of the program are prepared to:

1. Use data and analytical processes to discover, critique and/or synthesize nursing knowledge for the continued improvement of nursing care across diverse settings.

2. Integrate pertinent theories, research and other evidence, as well as patient and population perspectives to guide master's-level nursing practice.

3. Effectively use varied modes of communication, informatics and technology to promote safe and high-quality patient care.

4. Initiate, maintain and promote intra- and interprofessional collaboration.

5. Demonstrate leadership in ethical and clinical decision-making using a system's perspective.

6. Provides culturally appropriate evidence-based clinical prevention and population health to individuals, families and aggregates.

The following requirements are in effect for the current academic year. Requirements may change due to changes in national standards.

Nursing students are admitted to the Graduate School under Plan B (non-thesis option). Students may change to Plan A (thesis option) if an official Change of Plan Form is submitted to the Office for Graduate Nursing Programs and is approved by the Graduate School.
The number of credits required to complete a degree is based on the area of specialization. Students completing a thesis must enroll for six additional thesis credits.

**MASTER OF SCIENCE IN NURSING CURRICULUM**

All students in the master of science in nursing program must take the four core courses (12 credits) and all courses listed for their specific program option (39-51 total credit hours, depending on specialization option chosen). Clinical practicum experiences include a minimum of five hours per credit.

### APN: Adult-Older Adult Acute Care Nurse Practitioner

**Required Core Courses:**
- **NURS 6000** Theoretical Foundations of Nursing 3
- **NURS 6007** Ethics, Policy, and Health Care Advocacy 3
- **NURS 6009** Organizational and Systems Leadership 3
- **NURS 6010** Research & Evidence as a Foundation for Nursing 3

**Required Specialization Courses:**
- **NURS 6030** Pathophysiological Concepts for Advanced Nursing Practice 3
- **NURS 6032** Pharmacology for Advanced Nursing Practice 3
- **NURS 6035** Advanced Health Assessment Across the Lifespan 3
- **NURS 6037** Management of Episodic Health Problems 3
- **NURS 6240** Complex Health Problems 3
- **NURS 6335** Differential Diagnosis and Advanced Skills for the Acutely Ill Adult 3
- **NURS 6340** Complex Acute Care Problems 3
- **NURS 6351** Advanced Nursing Care of the Acutely Ill Adult-Older Adult 1-Clinical 3
- **NURS 6352** Advanced Nursing Care of the Acutely Ill Adult-Older Adult 2-Clinical 3
- **NURS 6353** Advanced Nursing Care of the Acutely Ill Adult-Older Adult 3-Clinical 3

**Total Credit Hours** 42

### APN: Adult-Older Adult Primary Care Nurse Practitioner

**Required Core Courses:**
- **NURS 6000** Theoretical Foundations of Nursing 3
- **NURS 6007** Ethics, Policy, and Health Care Advocacy 3
- **NURS 6009** Organizational and Systems Leadership 3
- **NURS 6010** Research & Evidence as a Foundation for Nursing 3

**Required Specialization Courses:**
- **NURS 6030** Pathophysiological Concepts for Advanced Nursing Practice 3
- **NURS 6032** Pharmacology for Advanced Nursing Practice 3
- **NURS 6035** Advanced Health Assessment Across the Lifespan 3
- **NURS 6037** Management of Episodic Health Problems 3
- **NURS 6240** Complex Health Problems 3
- **NURS 6257** Advanced Nursing of Adults-Older Adults 3-Clinical 3
- **NURS 6242** Concepts and Interventions for Health Problems Across the Life-Span 3
- **NURS 6251** Advanced Nursing of Adults-Older Adults 1-Clinical 3
- **NURS 6252** Advanced Nursing of Adults-Older Adults 2-Clinical 3
- **NURS 6244** Health Promotion Across the Life-Span 3

**Total Credit Hours** 42

### APN: Adult-Older Adult Clinical Nurse Specialist

**Required Core Courses:**
- **NURS 6000** Theoretical Foundations of Nursing 3
- **NURS 6007** Ethics, Policy, and Health Care Advocacy 3
- **NURS 6009** Organizational and Systems Leadership 3
- **NURS 6010** Research & Evidence as a Foundation for Nursing 3

**Required Specialization Courses:**
- **NURS 6030** Pathophysiological Concepts for Advanced Nursing Practice 3
NURS 6032  Pharmacology for Advanced Nursing Practice  3
NURS 6035  Advanced Health Assessment Across the Lifespan  3
NURS 6242  Concepts and Interventions for Health Problems Across the Life-Span  3
NURS 6244  Health Promotion Across the Life-Span  3
NURS 6258  Adult-Older Adult Clinical Nurse Specialist Clinical 1  3
NURS 6259  Adult-Older Adult Clinical Nurse Specialist Clinical 2  3
6 credits of HEAL or NURS electives  6
Elective  3
Total Credit Hours  42

**APN: Dual Primary Care and Acute Care Pediatric Nurse Practitioner**

Required Core Courses:

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NURS 6000</td>
<td>Theoretical Foundations of Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6007</td>
<td>Ethics, Policy, and Health Care Advocacy</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6009</td>
<td>Organizational and Systems Leadership</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6010</td>
<td>Research &amp; Evidence as a Foundation for Nursing</td>
<td>3</td>
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Required Specialization Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NURS 6030</td>
<td>Pathophysiological Concepts for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6032</td>
<td>Pharmacology for Advanced Nursing Practice</td>
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</tr>
<tr>
<td>NURS 6035</td>
<td>Advanced Health Assessment Across the Lifespan</td>
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</tr>
<tr>
<td>NURS 6242</td>
<td>Concepts and Interventions for Health Problems Across the Life-Span</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6244</td>
<td>Health Promotion Across the Life-Span</td>
<td>3</td>
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<tr>
<td>NURS 6536</td>
<td>Complex/Chronic Pediatric Health Conditions</td>
<td>3</td>
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<tr>
<td>NURS 6540</td>
<td>Seminar in Child and Family Health</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6542</td>
<td>Nursing Therapeutics for Acute/Episodic Illnesses in Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6551</td>
<td>Advanced Nursing Care of Children and Families 1-Clinical</td>
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</tr>
<tr>
<td>NURS 6552</td>
<td>Advanced Nursing Care of Children and Families 2-Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6640</td>
<td>Nursing Therapeutics for Acute/Critical Illnesses in Children and Adolescents</td>
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</tr>
<tr>
<td>NURS 6652</td>
<td>Acutely/Chronically Ill Children - Clinical 2</td>
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<tr>
<td>NURS 6653</td>
<td>Critically Ill Children - Clinical 3</td>
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Total Credit Hours  51

**APN: Nurse-Midwifery**

Required Core Courses:

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<th>Title</th>
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<td>Theoretical Foundations of Nursing</td>
<td>3</td>
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<tr>
<td>NURS 6007</td>
<td>Ethics, Policy, and Health Care Advocacy</td>
<td>3</td>
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<tr>
<td>NURS 6009</td>
<td>Organizational and Systems Leadership</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6010</td>
<td>Research &amp; Evidence as a Foundation for Nursing</td>
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Required Specialization Courses:

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NURS 6030</td>
<td>Pathophysiological Concepts for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6032</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6035</td>
<td>Advanced Health Assessment Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6037</td>
<td>Management of Episodic Health Problems</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6740</td>
<td>Advanced Concepts in Women's Health Care Management Across the Life-Span</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6742</td>
<td>Advanced Concepts in Antepartum Management</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6744</td>
<td>Advanced Concepts in Postpartum and Newborn Management</td>
<td>3</td>
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<tr>
<td>NURS 6746</td>
<td>Professional Issues in APN/DNP Practice</td>
<td>3</td>
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<tr>
<td>NURS 6751</td>
<td>Advanced Concepts in Labor Support</td>
<td>1</td>
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<td>NURS 6752</td>
<td>Nurse-Midwifery Care During Labor and Birth</td>
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<td>NURS 6753</td>
<td>Advanced Practicum in Nurse-Midwifery</td>
<td>7</td>
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</table>

Total Credit Hours  49
### APN: Pediatric Primary Care Nurse Practitioner

**Required Core Courses:**
- NURS 6000: Theoretical Foundations of Nursing 3
- NURS 6007: Ethics, Policy, and Health Care Advocacy 3
- NURS 6009: Organizational and Systems Leadership 3
- NURS 6010: Research & Evidence as a Foundation for Nursing 3

**Required Specialization Courses:**
- NURS 6030: Pathophysiological Concepts for Advanced Nursing Practice 3
- NURS 6032: Pharmacology for Advanced Nursing Practice 3
- NURS 6035: Advanced Health Assessment Across the Lifespan 3
- NURS 6244: Health Promotion Across the Life-Span 3
- NURS 6536: Complex/Chronic Pediatric Health Conditions 3
- NURS 6540: Seminar in Child and Family Health 3
- NURS 6542: Nursing Therapeutics for Acute/Episodic Illnesses in Children and Adolescents 3
- NURS 6551: Advanced Nursing Care of Children and Families 1-Clinical 3
- NURS 6552: Advanced Nursing Care of Children and Families 2-Clinical 3
- NURS 6553: Advanced Nursing Care of Children and Families 3-Clinical 3

**Total Credit Hours:** 42

### APN: Pediatric Acute Care Nurse Practitioner

**Required Core Courses:**
- NURS 6000: Theoretical Foundations of Nursing 3
- NURS 6007: Ethics, Policy, and Health Care Advocacy 3
- NURS 6009: Organizational and Systems Leadership 3
- NURS 6010: Research & Evidence as a Foundation for Nursing 3

**Required Specialization Courses:**
- NURS 6030: Pathophysiological Concepts for Advanced Nursing Practice 3
- NURS 6032: Pharmacology for Advanced Nursing Practice 3
- NURS 6035: Advanced Health Assessment Across the Lifespan 3
- NURS 6242: Concepts and Interventions for Health Problems Across the Life-Span 3
- NURS 6536: Complex/Chronic Pediatric Health Conditions 3
- NURS 6540: Seminar in Child and Family Health 3
- NURS 6640: Nursing Therapeutics for Acute/Critical Illnesses in Children and Adolescents 3
- NURS 6651: Acutely Ill Children - Clinical 1 3
- NURS 6652: Acutely/Chronically Ill Children - Clinical 2 3
- NURS 6653: Critically Ill Children - Clinical 3 3

**Total Credit Hours:** 42

### Clinical Nurse Leader

**Required Core Courses:**
- NURS 6000: Theoretical Foundations of Nursing 3
- NURS 6007: Ethics, Policy, and Health Care Advocacy 3
- NURS 6009: Organizational and Systems Leadership 3
- NURS 6010: Research & Evidence as a Foundation for Nursing 3

**Required Specialization Courses:**
- HEAL 6049: Outcomes Management 3
- HEAL 6825: Quality & Patient Safety in Health Care 3
- HEAL 6835: Health Care Informatics, Technology and Professional Issues 3
- NURS 6030: Pathophysiological Concepts for Advanced Nursing Practice 3
- NURS 6032: Pharmacology for Advanced Nursing Practice 3
- NURS 6035: Advanced Health Assessment Across the Lifespan 3
- NURS 6244: Health Promotion Across the Life-Span 3
The master of science in nursing program for non-nursing graduates is designed for individuals who hold baccalaureate degrees in fields other than nursing.

The 75-credit program builds upon previous, broad educational preparation and provides an intense, accelerated and specialized nursing curriculum preparing students to become eligible for the NCLEX-R.N. examination and to earn a generalist master of science in nursing degree (M.S.N. with no specialization) upon completion of the program.

Nursing students are admitted to the Graduate School under Plan B (non-thesis option). Plan B students in the master's program for non-nursing graduates are not required to write a thesis but must successfully complete a synthesizing project in their capstone clinical course, taken during the final term of the program.

The leadership competencies achieved during this program positions students to seek employment in many health care settings. Students have the competencies necessary to practice at the microsystem level, providing point-of-care delivery with a focus on safety, quality and improved outcomes.

Graduates are eligible to apply for a post-master's certificate in one of the many specialties that Marquette offers, or to the D.N.P. or Ph.D. programs at Marquette.

Students must complete:

NURS 6000  Theoretical Foundations of Nursing  3
NURS 6001  Health Assessment and Fundamentals 1  3
NURS 6002  Health Assessment and Fundamentals 2  4
NURS 6005  Concepts and Interventions for the Promotion of Mental Health -- Theory  3
NURS 6007  Ethics, Policy, and Health Care Advocacy  3
NURS 6009  Organizational and Systems Leadership  3
NURS 6010  Research & Evidence as a Foundation for Nursing  3
NURS 6015  Pharmacotherapeutics for Nursing Practice  3
NURS 6030  Pathophysiological Concepts for Advanced Nursing Practice  3
NURS 6032  Pharmacology for Advanced Nursing Practice  3
NURS 6035  Advanced Health Assessment Across the Lifespan  3
HEAL 6049  Outcomes Management  3
NURS 6100  Community and Population Health Nursing  3
Nursing (NURS) 13

NURS 6201  Nursing Concepts and Interventions for the Care of Adults/Older Adults 1 - Theory 3
NURS 6202  Nursing Concepts and Interventions for the Care of Adults/Older Adults 2 - Theory 3
NURS 6244  Health Promotion Across the Life-Span 3
NURS 6500  Family-Centered Nursing of Children 3
NURS 6700  Maternity Nursing and Women’s Health - Theory 3
HEAL 6825  Quality & Patient Safety in Health Care 3
HEAL 6835  Health Care Informatics, Technology and Professional Issues 3
NURS 6970  Nursing Care for Patients with Chronic Conditions - Clinical 4
NURS 6971  Nursing Care for Patients with Acute Conditions - Clinical 4
NURS 6972  Clinical Nurse Leader 1 - Clinical 3
NURS 6974  Clinical Nurse Leader 2 - Clinical 3

Total Credit Hours 75

Master of Science in Nursing — Second Degree Direct Entry for A.D.N. Nurses

This program facilitates students who have an associate's degree in nursing and also have a bachelor's degree in a discipline other than nursing to complete a master of science in nursing degree. Prior to completing any courses in the specialization option of choice, students must complete:

NURS 5931  Topics in Nursing (Community Health Clinical) 3
NURS 6010  Research & Evidence as a Foundation for Nursing 3
NURS 6100  Community and Population Health Nursing 3
HEAL 6825  Quality & Patient Safety in Health Care 3

Total Credit Hours 12

After completing the four courses listed above, students progress into their chosen specialization. The total number of credits taken to complete the master of science in nursing ranges from 39-51, depending on the specialization chosen, in addition to the initial 12 credits listed above.

Nursing Doctor of Philosophy Requirements

The doctor of philosophy (Ph.D.) program in nursing is designed to prepare teachers of nursing and scholars who will contribute to the body of knowledge related to vulnerable populations. Graduates of the program will be prepared to:

1. Teach students to be nurses and advanced practitioners to be able to improve the health status of vulnerable populations.
2. Design and conduct independent research that will impact the health of vulnerable populations.
3. Develop, test and refine theories as a basis for nursing science.
4. Analyze patterns of health and illness among vulnerable populations.
5. Synthesize research findings to provide leadership in health care.

Post-Master’s Ph.D. Curriculum

The post-master of science in nursing Ph.D. program is a 51-credit program with course work in the following five categories:

Nursing Science (12 credits)

NURS 8000  Nursing Knowledge Development 3
NURS 8010  Vulnerable Populations 3
PHIL 6430  Philosophy of Knowledge 3
NURS 8980  Nursing Research Seminar and Practicum 3

Total Credit Hours 12

Research and Statistics (15 credits)

HEAL 8002  Qualitative Research 3
HEAL 8003  Quantitative Research 3
HEAL 8015  Applied Statistics for Health Sciences 3
HEAL 8016  Advanced Applied Statistics 3
HEAL 8018  Advanced Measurement in Health Care 3

Total Credit Hours 15
### Teaching/Research (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 8020</td>
<td>Nursing Education Research, Policy, and Leadership</td>
<td>3</td>
</tr>
<tr>
<td>And Preparing Future Faculty Program Certificate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS 8981</td>
<td>Residency in Nursing Education</td>
<td>3</td>
</tr>
<tr>
<td>or NURS 8982</td>
<td>Nursing Research and Practicum II</td>
<td></td>
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</tbody>
</table>

Total Credit Hours 6

### Cognates (6 credits)

Six credits supportive of dissertation.

### Dissertation (12 credits)

A doctoral student will follow a program of study defined, in conjunction with an adviser, on an approved Doctoral Program Planning Form. The student must complete all requirements listed on the Doctoral Program Planning Form, pass a qualifying examination and successfully defend a dissertation to complete the program. The doctoral dissertation must represent an original research contribution and show high attainment and clear ability to do independent research.

### Post-Baccalaureate Ph.D. Curriculum

The post-bachelor of science in nursing Ph.D. program requires an additional 18 credits to the 51 credits listed above. Required courses are:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 6000</td>
<td>Theoretical Foundations of Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6007</td>
<td>Ethics, Policy, and Health Care Advocacy</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6009</td>
<td>Organizational and Systems Leadership</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6010</td>
<td>Research &amp; Evidence as a Foundation for Nursing</td>
<td>3</td>
</tr>
</tbody>
</table>

Six additional credits to be determined with adviser.

Total Credit Hours 18

### Doctor of Nursing Practice Requirements

#### Specializations:

- Advanced Practice Nursing: Adult-Older Adult Primary Care Nurse Practitioner
- Advanced Practice Nursing: Adult-Older Adult Acute Care Nurse Practitioner
- Advanced Practice Nursing: Dual Primary Care and Acute Care Pediatric Nurse Practitioner
- Advanced Practice Nursing: Pediatric Primary Care Nurse Practitioner
- Advanced Practice Nursing: Pediatric Acute Care Nurse Practitioner
- Advanced Practice Nursing: Nurse Anesthesia
- Systems Leadership and Healthcare Quality
- Advanced Practice Nursing: Nurse-Midwifery (post-Master's D.N.P. only)

The doctor of nursing practice (D.N.P.) program is designed to prepare advanced practice nurses and nurse administrators at the highest level. Graduates of the program are prepared to:

1. Demonstrate advanced, evidence-based management of care in a cultural context at the individual, family, population and/or organizational/systems level.
2. Demonstrate policy analysis and advocacy for social justice, equity and ethical policies in health care delivery.
3. Analyze and apply models, theories and scientific evidence to improve quality of health care of diverse populations.
4. Employ interprofessional and leadership knowledge and skills to transform health care and complex delivery systems.
5. Integrate knowledge of and skills in information systems and patient care technologies for the improvement and transformation of health care.

### Doctor of Nursing Practice Curriculum (Post-Baccalaureate)

The doctor of nursing practice (D.N.P.) is a post-baccalaureate degree requiring between 63 and 91 credit hours, depending on the option chosen. Course requirements for each specialization are listed below. Students earn a master of science in nursing en route to the doctor of nursing practice.

1. The advanced practice nursing: nurse-midwifery option is only post-master's and does not have a post-baccalaureate option.
Advanced Practice Nursing: Adult-Older Adult Primary Care Nurse Practitioner

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NURS 6035</td>
<td>Advanced Health Assessment Across the Lifespan</td>
<td>3</td>
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<tr>
<td>NURS 6032</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6037</td>
<td>Management of Episodic Health Problems</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6000</td>
<td>Theoretical Foundations of Nursing</td>
<td>3</td>
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<tr>
<td>NURS 6030</td>
<td>Pathophysiologica Concepts for Advanced Nursing Practice</td>
<td>3</td>
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<tr>
<td>NURS 6240</td>
<td>Complex Health Problems</td>
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<td>NURS 6244</td>
<td>Health Promotion Across the Life-Span</td>
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<tr>
<td>NURS 6251</td>
<td>Advanced Nursing of Adults-Older Adults 1-Clinical</td>
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<tr>
<td>NURS 6010</td>
<td>Research &amp; Evidence as a Foundation for Nursing</td>
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<tr>
<td>NURS 6242</td>
<td>Concepts and Interventions for Health Problems Across the Life-Span</td>
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<tr>
<td>NURS 6252</td>
<td>Advanced Nursing of Adults-Older Adults 2-Clinical</td>
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<tr>
<td>HEAL 8015</td>
<td>Applied Statistics for Health Sciences</td>
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<td>NURS 6007</td>
<td>Ethics, Policy, and Health Care Advocacy</td>
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<td>NURS 6009</td>
<td>Organizational and Systems Leadership</td>
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<tr>
<td>NURS 6257</td>
<td>Advanced Nursing of Adults-Older Adults 3-Clinical</td>
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<td>HEAL 7010</td>
<td>Translational Research</td>
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<td>HEAL 6825</td>
<td>Quality &amp; Patient Safety in Health Care</td>
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<tr>
<td>HEAL 7012</td>
<td>Epidemiology</td>
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<tr>
<td>NURS 7996</td>
<td>Doctor of Nursing Practice Capstone 1</td>
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<tr>
<td>NURS 7980</td>
<td>Residency for DNP with Adults/Older Adults Primary Care</td>
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<tr>
<td>NURS 6746</td>
<td>Professional Issues in APN/DNP Practice</td>
<td>3</td>
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<tr>
<td>HEAL 6835</td>
<td>Health Care Informatics, Technology and Professional Issues</td>
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<tr>
<td>NURS 7997</td>
<td>Doctor of Nursing Practice Capstone 2</td>
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Total Credit Hours: 69

Advanced Practice Nursing: Adult-Older Adult Acute Care Nurse Practitioner

<table>
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<th>Course Title</th>
<th>Credits</th>
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<tr>
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<td>Advanced Health Assessment Across the Lifespan</td>
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<td>NURS 6032</td>
<td>Pharmacology for Advanced Nursing Practice</td>
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<td>NURS 6037</td>
<td>Management of Episodic Health Problems</td>
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<tr>
<td>NURS 6335</td>
<td>Differential Diagnosis and Advanced Skills for the Acutely Ill Adult</td>
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<td>NURS 6030</td>
<td>Pathophysiologica Concepts for Advanced Nursing Practice</td>
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<td>NURS 6240</td>
<td>Complex Health Problems</td>
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<td>NURS 6340</td>
<td>Complex Acute Care Problems</td>
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<tr>
<td>NURS 6351</td>
<td>Advanced Nursing Care of the Acutely Ill Adult-Older Adult 1-Clinical</td>
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<td>NURS 6010</td>
<td>Research &amp; Evidence as a Foundation for Nursing</td>
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<td>NURS 6000</td>
<td>Theoretical Foundations of Nursing</td>
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<td>NURS 6352</td>
<td>Advanced Nursing Care of the Acutely Ill Adult-Older Adult 2-Clinical</td>
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<td>HEAL 8015</td>
<td>Applied Statistics for Health Sciences</td>
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<td>NURS 6007</td>
<td>Ethics, Policy, and Health Care Advocacy</td>
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<tr>
<td>NURS 6009</td>
<td>Organizational and Systems Leadership</td>
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<tr>
<td>NURS 6353</td>
<td>Advanced Nursing Care of the Acutely Ill Adult-Older Adult 3-Clinical</td>
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<tr>
<td>HEAL 7010</td>
<td>Translational Research</td>
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<td>HEAL 6825</td>
<td>Quality &amp; Patient Safety in Health Care</td>
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<tr>
<td>HEAL 7012</td>
<td>Epidemiology</td>
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</tr>
<tr>
<td>NURS 7996</td>
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<tr>
<td>NURS 7981</td>
<td>Residency for DNP with Acutely Ill Adults</td>
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<td>Professional Issues in APN/DNP Practice</td>
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<tr>
<td>HEAL 6835</td>
<td>Health Care Informatics, Technology and Professional Issues</td>
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</tr>
<tr>
<td>NURS 7997</td>
<td>Doctor of Nursing Practice Capstone 2</td>
<td>3</td>
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</tbody>
</table>

Total Credit Hours: 69
Advanced Practice Nursing: Dual Primary Care and Acute Care Pediatric Nurse Practitioner

NURS 6032 Pharmacology for Advanced Nursing Practice 3
NURS 6010 Research & Evidence as a Foundation for Nursing 3
NURS 6035 Advanced Health Assessment Across the Lifespan 3
NURS 6000 Theoretical Foundations of Nursing 3
NURS 6030 Pathophysiological Concepts for Advanced Nursing Practice 3
NURS 6540 Seminar in Child and Family Health 3
NURS 6551 Advanced Nursing Care of Children and Families 1-Clinical 3
NURS 6536 Complex/Chronic Pediatric Health Conditions 3
NURS 6007 Ethics, Policy, and Health Care Advocacy 3
NURS 6552 Advanced Nursing Care of Children and Families 2-Clinical 3
NURS 6542 Nursing Therapeutics for Acute/Episodic Illnesses in Children and Adolescents 3
NURS 6244 Health Promotion Across the Life-Span 3
NURS 6009 Organizational and Systems Leadership 3
HEAL 6835 Health Care Informatics, Technology and Professional Issues 3
HEAL 6825 Quality & Patient Safety in Health Care 3
NURS 6652 Acutely/Chronically Ill Children - Clinical 2 3
NURS 6242 Concepts and Interventions for Health Problems Across the Life-Span 3
HEAL 8015 Applied Statistics for Health Sciences 3
NURS 6640 Nursing Therapeutics for Acute/Critical Illnesses in Children and Adolescents 3
NURS 6653 Critically Ill Children - Clinical 3 3
HEAL 7010 Translational Research 3
HEAL 7012 Epidemiology 3
NURS 7984 Residency for DNP with Ill Children/Adolescents 3
NURS 7996 Doctor of Nursing Practice Capstone 1 3
NURS 6746 Professional Issues in APN/DNP Practice 3
NURS 7997 Doctor of Nursing Practice Capstone 2 3

Total Credit Hours 78

Advanced Practice Nursing: Pediatric Primary Care Nurse Practitioner

NURS 6035 Advanced Health Assessment Across the Lifespan 3
NURS 6032 Pharmacology for Advanced Nursing Practice 3
NURS 6009 Organizational and Systems Leadership 3
NURS 6000 Theoretical Foundations of Nursing 3
NURS 6030 Pathophysiological Concepts for Advanced Nursing Practice 3
NURS 6540 Seminar in Child and Family Health 3
NURS 6551 Advanced Nursing Care of Children and Families 1-Clinical 3
NURS 6010 Research & Evidence as a Foundation for Nursing 3
NURS 6007 Ethics, Policy, and Health Care Advocacy 3
NURS 6542 Nursing Therapeutics for Acute/Episodic Illnesses in Children and Adolescents 3
NURS 6552 Advanced Nursing Care of Children and Families 2-Clinical 3
HEAL 8015 Applied Statistics for Health Sciences 3
NURS 6244 Health Promotion Across the Life-Span 3
NURS 6553 Advanced Nursing Care of Children and Families 3-Clinical 3
NURS 6536 Complex/Chronic Pediatric Health Conditions 3
HEAL 7010 Translational Research 3
HEAL 6825 Quality & Patient Safety in Health Care 3
HEAL 7012 Epidemiology 3
NURS 7996 Residency for DNP with Children and Families in Primary Care 3
NURS 7983 Residency for DNP with Children and Families 3 3
NURS 6746 Professional Issues in APN/DNP Practice 3
HEAL 6835 Health Care Informatics, Technology and Professional Issues 3
### Advanced Practice Nursing: Pediatric Acute Care Nurse Practitioner

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<td>NURS 6032</td>
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<td>Research &amp; Evidence as a Foundation for Nursing</td>
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<td>NURS 6640</td>
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<td>Epidemiology</td>
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<td>Professional Issues in APN/DNP Practice</td>
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<td>Health Care Informatics, Technology and Professional Issues</td>
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<tr>
<td>NURS 7997</td>
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**Total Credit Hours:** 69

### Advanced Practice Nursing: Nurse Anesthesia

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<th>Course Title</th>
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<td>Theoretical Foundations of Nursing</td>
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<td>NURS 6032</td>
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<td>NURS 7810</td>
<td>Scientific Foundations of Nurse Anesthesia Practice</td>
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<td>HEAL 6835</td>
<td>Health Care Informatics, Technology and Professional Issues</td>
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<td>NURS 6030</td>
<td>Pathophysiological Concepts for Advanced Nursing Practice</td>
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<td>NURS 7811</td>
<td>Nurse Anesthesia Advanced Physiology</td>
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<td>NURS 7812</td>
<td>Nurse Anesthesia Neurobiology</td>
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<td>NURS 7813</td>
<td>Nurse Anesthesia Basic Principles</td>
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<td>NURS 6007</td>
<td>Ethics, Policy, and Health Care Advocacy</td>
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<td>NURS 7814</td>
<td>Nurse Anesthesia Advanced Principles I</td>
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<td>NURS 7815</td>
<td>Professional Issues in Nurse Anesthesia DNP Practice</td>
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<td>NURS 7816</td>
<td>Nurse Anesthesia Advanced Pharmacology</td>
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<td>NURS 6010</td>
<td>Research &amp; Evidence as a Foundation for Nursing</td>
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<td>NURS 7817</td>
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<td>NURS 7971</td>
<td>Nurse Anesthesia Clinical 2</td>
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<td>NURS 7972</td>
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<td>NURS 6009</td>
<td>Organizational and Systems Leadership</td>
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**Total Credit Hours:** 69
### Systems Leadership and Healthcare Quality

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<td>NURS 6007</td>
<td>Ethics, Policy, and Health Care Advocacy</td>
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<td>NURS 6009</td>
<td>Organizational and Systems Leadership</td>
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<tr>
<td>NURS 6010</td>
<td>Research &amp; Evidence as a Foundation for Nursing</td>
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<td>HEAL 6820</td>
<td>Health Care Program Development</td>
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<td>Quality &amp; Patient Safety in Health Care</td>
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</tr>
<tr>
<td>HEAL 6830</td>
<td>Quality Improvement Science in Health Care</td>
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<td>HEAL 6835</td>
<td>Health Care Informatics, Technology and Professional Issues</td>
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<td>HEAL 6841</td>
<td>Health Care Finance</td>
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<td>HEAL 6848</td>
<td>Health Care Policy</td>
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<td>NURS 6851</td>
<td>Health Care Systems Leadership 1</td>
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<tr>
<td>NURS 6852</td>
<td>Health Care Systems Leadership 2</td>
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<td>NURS 6853</td>
<td>Health Care Systems Leadership-Clinical</td>
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<td>HEAL 7012</td>
<td>Epidemiology</td>
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<td>HEAL 7049</td>
<td>Outcomes Management</td>
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<td>HEAL 8015</td>
<td>Applied Statistics for Health Sciences</td>
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<tr>
<td>NURS 7986</td>
<td>Residency for DNP in Health Care Systems Leadership</td>
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<tr>
<td>NURS 7996</td>
<td>Doctor of Nursing Practice Capstone 1</td>
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<td>NURS 7997</td>
<td>Doctor of Nursing Practice Capstone 2</td>
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<td>HEAL 8015</td>
<td>Applied Statistics for Health Sciences</td>
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<tr>
<td>NURS 7986</td>
<td>Residency for DNP in Health Care Systems Leadership</td>
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</table>

Total Credit Hours: 63

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### Doctor of Nursing Practice Curriculum (Post-Master of Science in Nursing)

The College of Nursing also offers a post-M.S.N./D.N.P. program for nurses already holding a master’s degree in nursing with specialization in an advanced practice nursing role, nursing administration/leadership, or health care policy. Nurses who have a master’s degree in nursing, but not in one of these three foci, are required to complete a post-master’s certificate in one of these specialties while pursuing the D.N.P. The 30-credit post-M.S.N./D.N.P. builds on the Marquette’s existing master’s program.

Transcripts of students whose master’s degrees are from nursing master’s programs other than Marquette University are evaluated on a case-by-case basis to assure attainment of prerequisite knowledge and clinical experience; additional course work beyond the 30-credit requirement may be necessary to meet all of the Essentials of Doctoral Education for Advanced Nursing Practice. A graduate course in organizational and systems leadership, such as NURS 6009 Organizational and Systems Leadership, is a prerequisite for the program. If students have already taken required courses listed for the post-M.S.N./D.N.P. curriculum as part of a prior degree, these courses are not counted toward the D.N.P., and other graduate-level courses approved by the program director/adviser are substituted to fulfill the 30-credit degree requirement.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>NURS 6852</td>
<td>Health Care Systems Leadership 2</td>
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<td>or HEAL 6848</td>
<td>Health Care Policy</td>
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<tr>
<td>HEAL 8015</td>
<td>Applied Statistics for Health Sciences</td>
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<td>HEAL 7010</td>
<td>Translational Research</td>
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</tr>
<tr>
<td>HEAL 6825</td>
<td>Quality &amp; Patient Safety in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>or HEAL 6830</td>
<td>Quality Improvement Science in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HEAL 7012</td>
<td>Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>HEAL 6835</td>
<td>Health Care Informatics, Technology and Professional Issues</td>
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<td>HEAL 7049</td>
<td>Outcomes Management</td>
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<tr>
<td>NURS 7986</td>
<td>Residency for DNP in Health Care Systems Leadership</td>
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</table>
NURS 7996 Doctor of Nursing Practice Capstone 1 3
NURS 7997 Doctor of Nursing Practice Capstone 2 3

Total Credit Hours 30

Contact the College of Nursing at (414) 288-3810 for more information.

A post-master’s certificate program prepares the nurse who already has a master of science in nursing to become academically eligible for certification as an advanced practice nurse or nurse leader.

Specific information regarding application and course requirements may be obtained from the College of Nursing, Clark Hall, P.O. Box 1881, Milwaukee, WI 53201-1881, (414) 288-3810.

Programs are offered in the following specialties:

**Adult-Older Adult Acute Care Nurse Practitioner**

Prepares the student to apply advanced clinical assessment and management skills to complex health problems. Graduates of this program care for acutely ill patients, ages 13 and up, in a variety of settings such as acute care facilities, specialty practice offices, and skilled care. Program graduates are academically eligible to take the national certification examination for adult-gerontology acute care nurse practitioner. One year of full-time acute care registered nurse experience is required prior to clinical courses.

The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 12 credits is required for the post-master’s certificate.

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<th>Course Title</th>
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<td>Pathophysiological Concepts for Advanced Nursing Practice</td>
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<tr>
<td>NURS 6032</td>
<td>Pharmacology for Advanced Nursing Practice</td>
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<tr>
<td>NURS 6035</td>
<td>Advanced Health Assessment Across the Lifespan</td>
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<tr>
<td>NURS 6037</td>
<td>Management of Episodic Health Problems</td>
<td>3</td>
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<tr>
<td>NURS 6240</td>
<td>Complex Health Problems</td>
<td>3</td>
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<tr>
<td>NURS 6335</td>
<td>Differential Diagnosis and Advanced Skills for the Acutely Ill Adult</td>
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<td>NURS 6340</td>
<td>Complex Acute Care Problems</td>
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<td>NURS 6351</td>
<td>Advanced Nursing Care of the Acutely Ill Adult-Older Adult 1-Clinical</td>
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<tr>
<td>NURS 6352</td>
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<tr>
<td>NURS 6353</td>
<td>Advanced Nursing Care of the Acutely Ill Adult-Older Adult 3-Clinical</td>
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</table>

**Adult-Older Adult Primary Care Nurse Practitioner**

Prepares the student to apply advanced clinical assessment and management skills to episodic and chronic health problems. Care includes health promotion, advanced physical assessment, diagnosis and management of health problems in patients aged 13 and up, in a clinic setting. Program graduates are academically eligible to take the national certification examination for adult gerontology primary care nurse practitioner.

The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 12 credits is required for the post-master’s certificate.

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<td>Pharmacology for Advanced Nursing Practice</td>
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<tr>
<td>NURS 6037</td>
<td>Management of Episodic Health Problems</td>
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<td>Complex Health Problems</td>
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<td>NURS 6242</td>
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<td>Health Promotion Across the Life-Span</td>
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<td>NURS 6251</td>
<td>Advanced Nursing of Adults-Older Adults 1-Clinical</td>
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<td>Advanced Nursing of Adults-Older Adults 2-Clinical</td>
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<td>Advanced Nursing of Adults-Older Adults 3-Clinical</td>
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</table>
Adult-Older Adult Clinical Nurse Specialist

Prepares the student for the care of adults, including knowledge of human responses, health promotion and disease prevention, advanced physical assessment, diagnosis, and nursing management of health problems. Program graduates are academically eligible to take the national certification examination for adult gerontology clinical nurse specialist.

The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 12 credits is required for the post-master’s certificate.

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<td>NURS 6240</td>
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<td>Complex Acute Care Problems</td>
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<td>NURS 6242</td>
<td>Concepts and Interventions for Health Problems Across the Life-Span</td>
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<td>Health Promotion Across the Life-Span</td>
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<td>NURS 6258</td>
<td>Adult-Older Adult Clinical Nurse Specialist Clinical 1</td>
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<td>NURS 6259</td>
<td>Adult-Older Adult Clinical Nurse Specialist Clinical 2</td>
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<td>Health Care Program Development</td>
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<td>HEAL 6825</td>
<td>Quality &amp; Patient Safety in Health Care</td>
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</tr>
<tr>
<td>HEAL 6835</td>
<td>Health Care Informatics, Technology and Professional Issues</td>
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</table>

Additional courses as approved by adviser.

Family Nurse Practitioner

Enables certified pediatric primary care nurse practitioners or adult/gerontological (or adult) primary care nurse practitioners, who have M.S.N./D.N.P. degrees, to become educated and certified as family nurse practitioners.

The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 12 credits is required for the post-master’s certificate. An additional credit in assessment is required if the student's original assessment course did not include an across-the-lifespan focus. The certificate includes 500 supervised clinical practice hours.

Adult/gerontology primary care nurse practitioners need the following courses to complete the family nurse practitioner certificate program:

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<td>NURS 6542</td>
<td>Nursing Therapeutics for Acute/Episodic Illnesses in Children and Adolescents</td>
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<tr>
<td>NURS 6551</td>
<td>Advanced Nursing Care of Children and Families 1-Clinical</td>
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<td>NURS 6975</td>
<td>Family Nurse Practitioner Practicum</td>
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<tr>
<td>NURS 6931</td>
<td>Topics in Nursing (Health Assessment of Adults-Older Adults 1 - 1 credit may be required.)</td>
<td>1</td>
</tr>
</tbody>
</table>

Pediatric primary care nurse practitioners need the following courses to complete the family nurse practitioner certificate program:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 6037</td>
<td>Management of Episodic Health Problems</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6240</td>
<td>Complex Health Problems</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6251</td>
<td>Advanced Nursing of Adults-Older Adults 1-Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6975</td>
<td>Family Nurse Practitioner Practicum</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6931</td>
<td>Topics in Nursing (Health Assessment of Children and Adolescents - 1 credit may be required.)</td>
<td>1</td>
</tr>
</tbody>
</table>

Nurse Midwifery

Prepares the student for independent management of low risk women during the antepartum, intrapartum and postpartum periods and for primary and gynecologic care of women throughout the life span. Graduates are prepared for collaborative management of women with risk factors. Program graduates are academically eligible to take the national certification examination of the American Midwifery Certification Board.
The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 12 credits is required for the post-master’s certificate.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 6030</td>
<td>Pathophysiological Concepts for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6032</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6035</td>
<td>Advanced Health Assessment Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6037</td>
<td>Management of Episodic Health Problems</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6740</td>
<td>Advanced Concepts in Women’s Health Care Management Across the Life-Span</td>
<td>2-3</td>
</tr>
<tr>
<td>NURS 6742</td>
<td>Advanced Concepts in Antepartum Management</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6744</td>
<td>Advanced Concepts in Postpartum and Newborn Management</td>
<td>2-3</td>
</tr>
<tr>
<td>NURS 6746</td>
<td>Professional Issues in APN/DNP Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6751</td>
<td>Advanced Concepts in Labor Support</td>
<td>1-3</td>
</tr>
<tr>
<td>NURS 6752</td>
<td>Nurse-Midwifery Care During Labor and Birth</td>
<td>5</td>
</tr>
<tr>
<td>NURS 6753</td>
<td>Advanced Practicum in Nurse-Midwifery</td>
<td>7</td>
</tr>
</tbody>
</table>

**Pediatric Acute Care Nurse Practitioner**

Prepares the student to manage complex chronically ill, acutely ill, and critically ill children. Program graduates are eligible to take the national certification examination for the acute care pediatric nurse practitioner specialty. One year of full-time acute care pediatric registered nurse experience is required prior to clinical courses.

The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 12 credits is required for the post-master’s certificate.

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>NURS 6030</td>
<td>Pathophysiological Concepts for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6032</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6035</td>
<td>Advanced Health Assessment Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6242</td>
<td>Concepts and Interventions for Health Problems Across the Life-Span</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6536</td>
<td>Complex/Chronic Pediatric Health Conditions</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6540</td>
<td>Seminar in Child and Family Health</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6640</td>
<td>Nursing Therapeutics for Acute/Critical Illnesses in Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6651</td>
<td>Acutely Ill Children - Clinical 1</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6652</td>
<td>Acutely/Chronically Ill Children - Clinical 2</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6653</td>
<td>Critically Ill Children - Clinical 3</td>
<td>3</td>
</tr>
</tbody>
</table>

**Pediatric Primary Care Nurse Practitioner**

Prepares nurses for advanced practice as pediatric nurse practitioners. Graduates are prepared to independently provide health care for children and families from simple to complex health issues, usually in primary care settings. Program graduates are academically eligible to take primary care pediatric nurse practitioner national certification examinations. One year of full-time registered nurse experience is required prior to clinical courses.

The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 12 credits is required for the post-master’s certificate.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 6030</td>
<td>Pathophysiological Concepts for Advanced Nursing Practice</td>
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<td>NURS 6032</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6035</td>
<td>Advanced Health Assessment Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6244</td>
<td>Health Promotion Across the Life-Span</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6536</td>
<td>Complex/Chronic Pediatric Health Conditions</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6540</td>
<td>Seminar in Child and Family Health</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6542</td>
<td>Nursing Therapeutics for Acute/Episodic Illnesses in Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6551</td>
<td>Advanced Nursing Care of Children and Families 1-Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6552</td>
<td>Advanced Nursing Care of Children and Families 2-Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6553</td>
<td>Advanced Nursing Care of Children and Families 3-Clinical</td>
<td>3</td>
</tr>
</tbody>
</table>
Psychiatric Mental Health Nurse Practitioner

Enables a nurse with a master’s degree in nursing to become a psychiatric mental health nurse practitioner. This post-master’s program prepares an advanced practice registered nurse to provide a wide range of mental health services across the lifespan. Program graduates are eligible to take the psychiatric mental health nurse practitioner examination.

The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 18 credits is required for the post-master’s certificate. Admission requirements include graduate-level prerequisite courses in advanced assessment across the lifespan, an advanced general pharmacology course and an advanced pathophysiology course.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 6461</td>
<td>Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6462</td>
<td>Psychopharmacology</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6463</td>
<td>Psychiatric Mental Health Assessment &amp; Interventions 1</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6464</td>
<td>Psychiatric Mental Health Assessment &amp; Interventions 2</td>
<td>3</td>
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<tr>
<td>NURS 6965</td>
<td>Psychiatric Mental Health Nurse Practitioner Practicum 1</td>
<td>2</td>
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<tr>
<td>NURS 6966</td>
<td>Psychiatric Mental Health Nurse Practitioner Practicum 2</td>
<td>2</td>
</tr>
<tr>
<td>NURS 6967</td>
<td>Psychiatric Mental Health Nurse Practitioner Practicum 3</td>
<td>2</td>
</tr>
</tbody>
</table>

Systems Leadership and Healthcare Quality

Prepares the student for leadership, administrative and executive roles in health care. Program graduates are academically eligible to take the national certification examination for nursing administration.

The post-master’s certificate is individually designed based on the course work documented on the transcript of the student’s master’s degree. The courses listed are required in the post-master’s curriculum plan unless these courses, or their acceptable equivalent, are documented on the master’s transcript. A minimum of 12 credits is required for the post-master’s certificate.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEAL 6820</td>
<td>Health Care Program Development</td>
<td>3</td>
</tr>
<tr>
<td>HEAL 6825</td>
<td>Quality &amp; Patient Safety in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HEAL 6830</td>
<td>Quality Improvement Science in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HEAL 6835</td>
<td>Health Care Informatics, Technology and Professional Issues</td>
<td>3</td>
</tr>
<tr>
<td>HEAL 6841</td>
<td>Health Care Finance</td>
<td>3</td>
</tr>
<tr>
<td>HEAL 6848</td>
<td>Health Care Policy</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6851</td>
<td>Health Care Systems Leadership 1</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6852</td>
<td>Health Care Systems Leadership 2</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6853</td>
<td>Health Care Systems Leadership-Clinical</td>
<td>3</td>
</tr>
</tbody>
</table>

Clinical Case Management/Care Coordination Certificate

The curriculum for this certificate is designed to provide a solid foundation for healthcare professionals engaged in or seeking a career in Clinical Case Management/Care Coordination (CCM/CC). The four courses in the 12-credit certificate program provides knowledge and content in healthcare finance, ethics, patient/client advocacy, healthcare systems as well as case management, including a 1-credit practicum. Students are expected to complete the course work within three years.

- The student enters the program with a bachelor’s degree. Upon completion of the program, the student receives a certificate in clinical case management/care coordination from Marquette University.
- The student may then decide to achieve national certification through passing a credentialing exam offered by a national organization that meets the needs of their specialty. There are more than two dozen organizations identified by the Case Management Society of America that currently sponsor certification exams. The candidate selects a certifying organization depending on their specific discipline and/or specialty. The certificate curriculum, in addition to the candidate’s work experience, provides a solid foundation for their chosen exam.
- In addition, the credits students earn from the certificate provide a pathway to a Marquette University master of science in nursing (M.S.N.) or doctor of nursing practice (D.N.P.) graduate degree with a specialty in case management. Up to 12 credits in the certificate program can apply to the master of science in nursing or the doctor of nursing practice.

The constituency served through this program include baccalaureate-prepared registered nurses, social workers/social service professionals, and other health care professionals who wish to advance their career in the area of clinical CCM/CC and prepare for an advanced degree and/or national certification. Additionally, community partners and employers are served through preparing professionals with advanced knowledge and competencies in the area of clinical case management.
### Required course work

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEAL 6841</td>
<td>Health Care Finance</td>
<td>3</td>
</tr>
<tr>
<td>HEAL 6845</td>
<td>Case Management</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6007</td>
<td>Ethics, Policy, and Health Care Advocacy *</td>
<td>3</td>
</tr>
<tr>
<td>or HEAL 6931</td>
<td>Topics in Health Care</td>
<td></td>
</tr>
<tr>
<td>NURS 6009</td>
<td>Organizational and Systems Leadership *</td>
<td>3</td>
</tr>
<tr>
<td>or HEAL 6931</td>
<td>Topics in Health Care</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credit Hours**: 12

* Course also offered as HEAL 6931 with corresponding topic.

### Health Courses

**HEAL 5200. Natural Family Planning. 3 cr. hrs.**
Physiological, behavioral, and spiritual aspects important to teaching and using natural family planning.

**HEAL 5201. Natural Family Planning Practicum. 3 cr. hrs.**
Practical application of theory and skills for teaching natural family planning.

**HEAL 5901. Interdisciplinary Palliative Care. 3 cr. hrs.**
Provides an understanding of the breadth and depth of palliative care practices and services available to caregivers, patients and their families.

**HEAL 5931. Topics in Health. 3 cr. hrs.**
Selected topics in Health. The topics will be designated in the Schedule of Classes.

**HEAL 5951. Marquette Led Travel and Study Abroad in Health. 3 cr. hrs.**
Course taught in an international setting by Marquette professors and where students earn Marquette credit. Prereq: Cons. of dept. ch.

**HEAL 6010. Translational Research. 3 cr. hrs.**
Principles of evidence-based practice and implementation science applied to the translation of evidence to health care practice. Prereq: NURS 6010, HEAL 8015 or equiv.

**HEAL 6012. Epidemiology. 3 cr. hrs.**
Study of patterns of health/illness in specific populations and analysis of risk. Application of epidemiology methods, including biostatistics.

**HEAL 6049. Outcomes Management. 3 cr. hrs.**
Evolution of outcomes management. Exploration of methodologies, assessment instruments and issues that guide outcomes research. Prereq: NURS 6100 or cons. of instr.

**HEAL 6152. Death and Dying. 3 cr. hrs.**
Multidisciplinary perspective on death and dying. Includes historical, sociocultural, legal, and ethical dimensions, the dying process, grief and bereavement, and communities of care.

**HEAL 6814. Seminar in Moral and Legal Implications of Health Care. 3 cr. hrs.**
The field of moral decision-making in health care and the legal implications. Open to all graduate students.

**HEAL 6820. Health Care Program Development. 3 cr. hrs.**
Principles of population assessment, critical analysis of data, program development, implementation and evaluation. Includes one credit of practicum. Prereq: NURS 6009; or cons. of instr.

**HEAL 6825. Quality & Patient Safety in Health Care. 3 cr. hrs.**
Theories and principles of leadership and organizational change applied to quality and patient safety in health care. Strategies for developing the culture and infrastructure needed to support patient safety and quality improvement initiatives.

**HEAL 6830. Quality Improvement Science in Health Care. 3 cr. hrs.**
Explores improvement science including quality and patient safety theories, models, methods and tools. Application of measurement, data management and analysis to quality improvement and patient safety challenges.

**HEAL 6835. Health Care Informatics, Technology and Professional Issues. 3 cr. hrs.**
Examines current health care realities, with an emphasis on the use of technology for policy, regulation, collaboration and interdisciplinary practice issues. Includes information technology applications in healthcare administration, clinical practice and education.

**HEAL 6840. The Environment of Health Care Delivery. 2-3 cr. hrs.**
Overview of U.S. health care system, environmental influences, and current models for health care delivery (e.g., fee for service, modified fee for service, managed care, capitated care, IP0s, HMOs), and the ascendancy/descendency of various models in different geographic regions and in response to economic incentives. Prereq: Enrolled in Graduate School.

**HEAL 6841. Health Care Finance. 3 cr. hrs.**
Examination of financial principles, budgeting and reimbursement issues in health care. Prereq: NURS 6009; or cons. of instr.
HEAL 6845. Case Management. 3 cr. hrs.
Care services coordination of individuals and families to maximize resources for optimal health outcomes. Emphasis on integration of clinical and management processes. Includes one credit of practicum. Prereq: Health profession experience or cons. of instr.

HEAL 6846. Health Care Informatics. 3 cr. hrs.
Study of informatics in health care with emphasis in information systems and use of communication technology. Includes evaluation of actual and potential applications of informatics in health care administration, clinical practice, research and education.

HEAL 6848. Health Care Policy. 3 cr. hrs.
Concepts of public policy including the political process. Analysis of health care issues using a variety of policy models.

HEAL 6931. Topics in Health Care. 1-4 cr. hrs.
In-depth study of current issues in health care. Course content will be announced each term.

HEAL 6963. Individual Study and Practice. 1-3 cr. hrs.
Individual study and development of in-depth knowledge and skill in a selected area of health care. Experience and activities planned in an area for specialization, based on aptitude and interests of the student. May be repeated for credit. Prereq: Cons. of instr.

HEAL 6995. Independent Study in Health Care. 1-3 cr. hrs.
Prereq: Cons. of instr.

HEAL 7010. Translational Research. 3 cr. hrs.
Principles of evidence-based practice and implementation science applied to the translation of evidence to health care practice. Prereq: NURS 6010, HEAL 8015 or equiv.

HEAL 7012. Epidemiology. 3 cr. hrs.
Study of patterns of health/illness in specific populations and analysis of risk. Application of epidemiology methods, including biostatistics.

HEAL 7049. Outcomes Management. 3 cr. hrs.
Evolution of outcomes management. Exploration of methodologies, assessment instruments and issues that guide outcomes research. Prereq: NURS 6010 or cons. of instr.

HEAL 7825. Quality and Patient Safety in Health Care. 3 cr. hrs.
Theories and principles of leadership and organizational change applied to quality and patient safety in health care. Strategies for developing the culture and infrastructure needed to support patient safety and quality improvement initiatives.

HEAL 7830. Quality Improvement Science in Health Care. 3 cr. hrs.
Explores improvement science including quality and patient safety theories, models, methods and tools. Application of measurement, data management and analysis to quality improvement and patient safety challenges.

HEAL 7835. Health Care Informatics, Technology and Professional Issues. 3 cr. hrs.
Examines current health care realities, with an emphasis on the use of technology for policy, regulation, collaboration and interdisciplinary practice issues. Includes information technology applications in health care administration, clinical practice and education.

HEAL 8002. Qualitative Research. 3 cr. hrs.
Analysis of key qualitative research methods, issues related to these approaches, and the nature of knowledge generated.

HEAL 8003. Quantitative Research. 3 cr. hrs.
Explores and analyzes advanced quantitative methodologies and issues related to these approaches. Prereq: HEAL 8015, which may be taken concurrently and HEAL 8016, which may be taken concurrently.

HEAL 8015. Applied Statistics for Health Sciences. 3 cr. hrs.
Overview of applied statistics, including descriptive statistics, probability, sampling, power calculations, bivariate parametric and non-parametric analysis, and introduction to multivariate analysis. Emphasis on appropriate statistics for study design, level of measurement, and interpretation of results.

HEAL 8016. Advanced Applied Statistics. 3 cr. hrs.
An overview of advanced applied statistics focusing on multivariate analysis, including multivariate normal distribution, principal components analysis, factor analysis and cluster analysis. Emphasizes appropriate statistics for study design, level of measurement and interpretation of results. Prereq: HEAL 8015 or equiv., or cons. of instr.

HEAL 8018. Advanced Measurement in Health Care. 3 cr. hrs.
Theory and science of measurement commonly used in health care. Analytic procedures for addressing measurement issues. Prereq: HEAL 8015 or PSYC 8101; HEAL 8016 or PSYC 8102, which may be taken concurrently; or cons. of instr.

Nursing Courses

NURS 5930. Special Topics in Nursing. 1-3 cr. hrs.
In consultation with the Office of the Registrar, may be offered as an experimental course to students, in order to evaluate and determine if a course should be incorporated into the regular curriculum of a program, or can also be used for courses that are in the curriculum approval process pipeline; however, are not yet officially approved; therefore cannot appear in the Bulletin. Once the same course has been offered twice as a Special Topic, it cannot be offered again until it moves through the curriculum approval process and is approved with a regular curriculum course number or one of the standard numbers below. This course number may not be used for a single student studying a particular subject matter.
NURS 5931. Topics in Nursing. 3 cr. hrs.
Selected topics in Nursing. The topics will be designated in the Schedule of Classes.

NURS 5951. Marquette Led Travel and Study Abroad in Nursing. 1-4 cr. hrs.
Course taught in an international setting by Marquette professors and where students earn Marquette credit. Prereq: Cons. of dept. ch.

NURS 6000. Theoretical Foundations of Nursing. 3 cr. hrs.
Exploration of the theoretical basis of nursing practice. Includes nursing, learning, cultural, leadership, developmental and communication theories. Prereq: Admitted to NURS program.

NURS 6001. Health Assessment and Fundamentals 1. 3 cr. hrs.
Development of knowledge and skills needed for comprehensive and focused patient-centered assessments and select nursing interventions. Emphasis on the development of clinical reasoning and communication skills in the provision of culturally appropriate, ethical, and safe evidence-based care. Includes the historical development of nursing and current nursing and healthcare issues. Prereq: Admitted to Direct Entry M.S.N. program.

NURS 6002. Health Assessment and Fundamentals 2. 4 cr. hrs.
Continued development of knowledge and skills in assessment and nursing intervention. Emphasis on ethics, quality and safety in the planning and evaluation of culturally appropriate nursing care. Prereq: NURS 6001; admitted to Direct Entry M.S.N. program.

NURS 6005. Concepts and Interventions for the Promotion of Mental Health -- Theory. 3 cr. hrs.
Focuses on understanding the biological, environmental, cultural, intrapersonal and interpersonal factors influencing mental health; development of skills for assessment of mental status and emotional state and intervention modalities; simulated practice responding to common psychiatric problems and immediate interventions for psychiatric emergencies. Prereq: NURS 6001, NURS 6002.

NURS 6007. Ethics, Policy, and Health Care Advocacy. 3 cr. hrs.
Impact of ethics and policy on nursing practice, advocacy and social justice in healthcare.

NURS 6009. Organizational and Systems Leadership. 3 cr. hrs.
Study of organizations and systems to impact patient outcomes. Concepts of nursing leadership, quality and safety, and health care technology will be examined. Prereq: Admitted to NURS program.

NURS 6010. Research & Evidence as a Foundation for Nursing. 3 cr. hrs.
Develop knowledge of research and evidence-based practice processes. Analyze and translate evidence for practice to improve individual, family, and community health outcomes. Prereq: Statistics.

NURS 6015. Pharmacotherapeutics for Nursing Practice. 3 cr. hrs.
Basic principles of pharmacology and pharmacotherapeutics as applied to patients across the life span. Includes nursing implications for administration, patient teaching, and evaluation of safety and effectiveness. Prereq: Admitted to the Direct Entry program.

NURS 6020. Curriculum and Instructional Strategies for Nursing. 3 cr. hrs.
Provides knowledge base in curriculum development, including philosophical foundations and educational theories. Examines teaching/learning strategies specific to implementation of the instructional process; design and use of evaluation tools for classroom and clinical education. Prereq: Admitted to NURS program.

NURS 6021. Curriculum and Instruction in Associate Degree Nursing. 2 cr. hrs.
Designed for faculty in associate degree nursing program. Exploration of associate degree curriculum development including conceptual framework and competencies; related concepts of instruction including organization of learning opportunities, teaching strategies and performance evaluation. Prereq: Admitted to NURS program.

NURS 6030. Pathophysiological Concepts for Advanced Nursing Practice. 3 cr. hrs.
Investigation of normal physiologic and pathologic mechanisms of disease as a foundation for clinical assessment, decision-making and management. Establishment of knowledge base necessary for the provision of health care in an advanced nursing specialty. Prereq: Admitted to NURS program.

NURS 6032. Pharmacology for Advanced Nursing Practice. 3 cr. hrs.
Preparation of the advanced practice nurse in the area of pharmacology across the lifespan. Topics include pharmacokinetics, pharmacodynamics, major drug categories, and prescribing responsibilities. Prereq: Admitted to NURS program.

NURS 6035. Advanced Health Assessment Across the Lifespan. 3 cr. hrs.
Develop advanced assessment skills to systematically collect, analyze, and interpret data to make sound clinical judgments related to a client’s health status across the lifespan. Includes appropriate diagnostics and their interpretation (2 credits didactic, 1 lab credit). Prereq: Admitted to NURS program.

NURS 6037. Management of Episodic Health Problems. 3 cr. hrs.
Assessment, differential diagnoses, interventions and evaluation of adults and older adults with acute, episodic, self-limiting conditions. Prereq: NURS 6032 and 6035 which may be taken concurrently.

NURS 6100. Community and Population Health Nursing. 3 cr. hrs.
Integration of community health nursing theory and public health sciences to provide a theoretical basis for aggregate level care in partnership with communities. Prereq: NURS 6001, NURS 6002, NURS 6030.
NURS 6201. Nursing Concepts and Interventions for the Care of Adults/Older Adults 1 - Theory. 3 cr. hrs.
Focuses on holistic nursing care and clinical reasoning in prevention, assessment and management of select health issues including end-of-life care. Includes concepts and evidence-based practice across the care continuum related to problems with select cardiac, respiratory, digestive and endocrine conditions. Prereq: NURS 6002, NURS 6030, NURS 6015; NURS 6005, NURS 6970, NURS 6201 and NURS 6500, which may be taken concurrently.

NURS 6202. Nursing Concepts and Interventions for the Care of Adults/Older Adults 2 - Theory. 3 cr. hrs.
Focuses on holistic nursing care and clinical reasoning in prevention, assessment and management of adults and older adults with select health issues including end-of-life care. Includes concepts and evidence-based practice across the care continuum related to problems with select endocrine, fluid and electrolytes, neurological, renal, oncologic and orthopedic conditions, as well as operative and trauma care. Prereq: NURS 6970.

NURS 6240. Complex Health Problems. 3 cr. hrs.
Analysis of patterns of common health problems and select treatment modalities common to adults and older adults. Prereq: Admitted to NURS program; and NURS 6032.

NURS 6242. Concepts and Interventions for Health Problems Across the Life-Span. 3 cr. hrs.

NURS 6244. Health Promotion Across the Life-Span. 3 cr. hrs.
Theories and models of health promotion, wellness, and risk reduction. Designing therapeutic interventions to promote the health of individuals and aggregates across the life-span.

NURS 6251. Advanced Nursing of Adults-Older Adults 1-Clinical. 3 cr. hrs.
Application of the clinical judgment process to advanced nursing of adults-older adults. Emphasis on systematic data gathering, documentation, health promotion and risk assessment of adults-older adults across the life cycle. Prereq: NURS 6037; NURS 6240 and NURS 6244, which may be taken concurrently.

NURS 6252. Advanced Nursing of Adults-Older Adults 2-Clinical. 3 cr. hrs.
Illness management in adults-older adults in the context of the family and environment. Emphasis on diagnosis and therapeutic interventions. Prereq: NURS 6251; NURS 6242, which may be taken concurrently.

NURS 6257. Advanced Nursing of Adults-Older Adults 3-Clinical. 3 cr. hrs.
Care of select populations of adults-older adults with emphasis on management of complex illness processes. Focuses on care coordination and aggregate interventions. Prereq: NURS 6252.

NURS 6258. Adult-Older Adult Clinical Nurse Specialist Clinical 1. 3 cr. hrs.
Development of the clinical nurse specialist role through integration of nursing science to improve health care outcomes of adults and older adults. Focus on the direct care competencies of the role such as advanced assessment of individuals, families and groups and application of evidence based interventions, as well as consultation and education roles. Prereq: NURS 6032 and NURS 6035; NURS 6244 which may be taken concurrently.

NURS 6259. Adult-Older Adult Clinical Nurse Specialist Clinical 2. 3 cr. hrs.
Development of the Clinical nurse specialist role competencies of systems leadership, coaching, participation in research and evaluation of clinical practice. Continued development of direct care competency skills. Prereq: NURS 6258 and NURS 6242, which may be taken concurrently.

NURS 6335. Differential Diagnosis and Advanced Skills for the Acutely Ill Adult. 3 cr. hrs.
Advanced nursing knowledge and skills for assessment of acutely ill adults using technology. Differential diagnoses, selection and interpretation of appropriate diagnostic tests. Includes 40 hours of clinical practice. Prereq: NURS 6032 NURS 6035, NURS 6037, all of which may be taken concurrently.

NURS 6340. Complex Acute Care Problems. 3 cr. hrs.
Analysis of complex pathophysiological conditions commonly encountered among acutely ill adults with selection of appropriate treatment modalities. Emphasis on recognizing patterns of acute illness and on developing clinical reasoning. Prereq: NURS 6030, NURS 6032, NURS 6037, NURS 6240 all of which may be taken concurrently.

NURS 6351. Advanced Nursing Care of the Acutely Ill Adult-Older Adult 1-Clinical. 3 cr. hrs.
Development of the clinical judgment process and advanced skills for collaborative care of adult-older adults experiencing acute illness in the hospital-based/tertiary care environment. Emphasis on systematic data gathering, documentation, health promotion, and primary, secondary and tertiary risk reduction strategies. Prereq: NURS 6030, NURS 6032, NURS 6037, NURS 6240, NURS 6335, NURS 6340 all of which may be taken concurrently.

NURS 6352. Advanced Nursing Care of the Acutely Ill Adult-Older Adult 2-Clinical. 3 cr. hrs.

NURS 6353. Advanced Nursing Care of the Acutely Ill Adult-Older Adult 3-Clinical. 3 cr. hrs.
Implementation of the acute care advanced practice role in providing nursing care to complex acutely ill adults-older adults. Emphasis on case management and coordination within and between systems. Prereq: NURS 6352.

NURS 6440. Theoretical Constructs: Dimensions of Aging. 3 cr. hrs.
Theory development in advanced gerontological nursing with emphasis on age-related changes, cultural dimensions, socioeconomic stressors, vulnerability, maturational crises and care at the end of life.
NURS 6461. Psychopathology. 3 cr. hrs.
Preparation of the advanced practice nurse in the area of psychopathology as a foundation for clinical assessment, decision making and management. Prereq: NURS 6462, which may be taken concurrently; or cons. of instr.

NURS 6462. Psychopharmacology. 3 cr. hrs.
Preparation of the advanced practice nurse in the area of psychopharmacology. Covers topics of pharmacokinetics, pharmacodynamics, major drug categories, and prescribing responsibilities in the treatment of psychiatric/mental health conditions. Prereq: NURS 6461, which may be taken concurrently; or cons. of instr.

NURS 6463. Psychiatric Mental Health Assessment & Interventions 1. 3 cr. hrs.
Diagnostic reasoning, advanced clinical history taking, and psychiatric assessment in patients and families across the lifespan. Emphasis on the development of therapeutic relationship skills and non-pharmacologic, evidence-based treatment modalities. Prereq: NURS 6461 and NURS 6462.

NURS 6464. Psychiatric Mental Health Assessment & Interventions 2. 3 cr. hrs.
Emphasis on further development of therapeutic relationship skills and nonpharmacologic, evidence-based treatment modalities. Health policy, ethics, and advocacy; technology and information literacy; health delivery system and professional role development. Prereq: NURS 6463.

NURS 6500. Family-Centered Nursing of Children. 3 cr. hrs.
Family-centered nursing of children and adolescents in diverse populations. Focuses on health promotion, maintenance, acute and chronic problems including end-of-life care. Prereq: NURS 6002, NURS 6030.

NURS 6535. Advanced Assessment in Parent/Child Nursing. 3 cr. hrs.
Comprehensive health assessment of infants, children, and adolescents. Includes 1 credit practicum. Prereq: Admitted to NURS program.

NURS 6536. Complex/Chronic Pediatric Health Conditions. 3 cr. hrs.
Study of the theoretical and empirical bases for management of children and adolescents with complex and chronic health conditions across the health care continuum. Prereq: Admitted to the NURS program; NURS 6542; NURS 6030, which may be taken concurrently; or cons. of instr.

NURS 6540. Seminar in Child and Family Health. 3 cr. hrs.
Exploration of advanced concepts related to the physical, psychosocial and developmental dimensions of child and adolescent health. Analysis of family theories and models relevant to advanced practice nursing of children. Prereq: Admitted to NURS program.

NURS 6542. Nursing Therapeutics for Acute/Episodic Illnesses in Children and Adolescents. 3 cr. hrs.
Study of the theoretical basis for the diagnosis and case management of children and adolescents with common age-related acute or episodic illness. Focuses on differential diagnosis and nursing therapeutics. Prereq: Admitted to NURS program.

NURS 6551. Advanced Nursing Care of Children and Families 1-Clinical. 3 cr. hrs.
Assessment and intervention for children and families regarding common health concerns, with an emphasis on well child care. Prereq: NURS 6030; which may be taken concurrently, and NURS 6032 and NURS 6540; which may be taken concurrently, and NURS 6035.

NURS 6552. Advanced Nursing Care of Children and Families 2-Clinical. 3 cr. hrs.
Assessment and intervention for children and families with common to complex health concerns. Beginning development of indirect care skills. Prereq: NURS 6551.

NURS 6553. Advanced Nursing Care of Children and Families 3-Clinical. 3 cr. hrs.
Assessment and intervention for children and families with common to complex health concerns. Refinement of direct and indirect care skills. Prereq: NURS 6009 and NURS 6552.

NURS 6640. Nursing Therapeutics for Acute/Critical Illnesses in Children and Adolescents. 3 cr. hrs.
Focuses on differential diagnosis, clinical management, and nursing therapeutics for hospitalized children and adolescents with acute or critical illness. Prereq: NURS 6032 and NURS 6535 and NURS 6030.

NURS 6651. Acutely Ill Children - Clinical 1. 3 cr. hrs.
Assessment and intervention for children and families regarding common acute health concerns. Includes clinical hours that focus on the health care needs of the well child/child with illness not requiring hospitalization, as well as clinical practice with acutely ill hospitalized children. Prereq: NURS 6032, NURS 6035.

NURS 6652. Acutely/Chronically Ill Children - Clinical 2. 3 cr. hrs.
Assessment, intervention and clinical management of acute/chronic illness in children. Collaboration with physicians and other health care providers and agencies to provide and coordinate services. Prereq: NURS 6651 or NURS 6652; NURS 6030; NURS 6540, which may be taken concurrently.

NURS 6653. Critically Ill Children - Clinical 3. 3 cr. hrs.

NURS 6700. Maternity Nursing and Women's Health - Theory. 3 cr. hrs.
Focuses on nursing, health promotion, families in transition and adaptation from preconception through postpartum, perinatal loss, intranatal care, genetics and women's health from a global perspective. Prereq: NURS 6002, NURS 6030.
NURS 6740. Advanced Concepts in Women's Health Care Management Across the Life-Span. 2-3 cr. hrs.
Strategies to promote health and wellness across the life-span in the provision of primary care for women, emphasizing nurse-midwifery management. Examines sociocultural implications in the environment impacting upon clients and providers. Prereq: Admitted to NURS program; and NURS 6032 which may be taken concurrently; or cons. of instr. Non-nurse-midwifery students take theory-only portion for 2 credits; student nurse-midwives must enroll for 3 credits, including practicum.

NURS 6742. Advanced Concepts in Antepartum Management. 3 cr. hrs.
Study and application of nurse-midwifery process strategies to promote biopsychosocial and spiritual health in women and families experiencing pregnancy. Includes families with potential health deviations. Prereq: NURS 6740; or cons. of instr.

NURS 6744. Advanced Concepts in Postpartum and Newborn Management. 2-3 cr. hrs.
Postpartum nurse-midwifery management of mothers, neonates, and families, including those with potential health deviations. Prereq: NURS 6740; or cons. of instr. Non-nurse-midwifery students take theory-only portion for 2 credits; student nurse-midwives must enroll for 3 credits, including practicum.

NURS 6746. Professional Issues in APN/DNP Practice. 3 cr. hrs.
Overview of history, trends and dynamic social forces affecting education, regulation, growth and development of APN/DNP professional practice. Examination of legislation, policy, practice issues and leadership in providing quality care for diverse populations. Prereq: NURS 7997, which may be taken concurrently; or admitted to master's nurse-midwifery program.

Study of the science of labor support. Special attention to non-pharmacologic approaches and contemporary childbirth education options. Prereq: Admitted to master's nurse-midwifery program; NURS 6742 or cons. of instr.

NURS 6752. Nurse-Midwifery Care During Labor and Birth. 5 cr. hrs.
Nurse-midwifery management of women during the intrapartal period. Assessment of maternal-fetal status, with appropriate interventions and non-technologic approaches, in the context of family-centered care. Includes theory and practicum. Prereq: Admitted to NURS program; and NURS 6037 and NURS 6740 and NURS 6744; or cons. of instr.

NURS 6753. Advanced Practicum in Nurse-Midwifery. 7 cr. hrs.
Development of nurse-midwifery practice role through intensive clinical experience. Strengthening clinical practice and leadership for professional challenges in nurse-midwifery. Practicum hours to be determined by individual student's progression through program experience requirements. Prereq: Admitted to NURS program; NURS 6752.

NURS 6851. Health Care Systems Leadership 1. 3 cr. hrs.
Evolution and application of concepts and systems related to organizations, management and nursing. Prereq: Admitted to NURS program; and NURS 6009.

NURS 6852. Health Care Systems Leadership 2. 3 cr. hrs.
Human resource management and development. Focuses on system interactions and interrelationships. Includes legal and ethical dimensions, quality improvement, and risk management. Includes 1 credit theory and 2 credits practicum. Prereq: Admitted to NURS program.

NURS 6853. Health Care Systems Leadership-Clinical. 3 cr. hrs.
Advanced clinical in a selected administrative role and setting. Includes one credit of seminar, two credits of clinical. Prereq: Admitted to graduate NURS program; and NURS 6852; which may be taken concurrently.

NURS 6931. Topics in Nursing. 1-4 cr. hrs.
In-depth study of current trends in nursing. Subject to be announced each term. Prereq: Admitted to NURS program.

NURS 6951. Marquette Led Travel and Study Abroad in Nursing. 3 cr. hrs.
Course taught in an international setting by Marquette professors and where students earn Marquette credit. Prereq: Cons. of dept. ch. Prereq: Cons. of the Office of International Education.

NURS 6963. Individual Study and Practice. 1-3 cr. hrs.
Individual study and development of in-depth knowledge and skill in a selected area of nursing. Experience and activities planned in an area for specialization, based on aptitude and interests of the student. May be repeated for credit. Prereq: Admitted to NURS program; and cons. of instr.

NURS 6965. Psychiatric Mental Health Nurse Practitioner Practicum 1. 2 cr. hrs.
Beginning assessment, management and evaluation of outcomes in psychiatric mental health settings which may include children, adolescents, adults and older adults with emphasis on pharmacologic and non-pharmacologic management of common psychiatric mental health concerns. Prereq: NURS 6463, which may be taken concurrently.

NURS 6966. Psychiatric Mental Health Nurse Practitioner Practicum 2. 2 cr. hrs.
Advanced assessment, management and evaluation of outcomes in psychiatric mental health settings which may include children, adolescents, adults and older adults with emphasis on pharmacologic and non-pharmacologic management of psychiatric mental health concerns. Prereq: NURS 6464, which may be taken concurrently; NURS 6965.

NURS 6967. Psychiatric Mental Health Nurse Practitioner Practicum 3. 2 cr. hrs.
Advanced assessment, management and evaluation of outcomes in psychiatric mental health settings which may include children, adolescents, adults and older adults with emphasis on complex pharmacologic and non-pharmacologic management of psychiatric mental health concerns. Prereq: NURS 6966.
NURS 6970. Nursing Care for Patients with Chronic Conditions - Clinical. 4 cr. hrs.
Comprehensive patient-centered nursing care of adults or children with chronic conditions across the care continuum. Emphasizes health promotion, health maintenance and palliation. Includes simulations. Prereq: NURS 6002, NURS 6015, NURS 6030; NURS 6005, NURS 6201 and NURS 6500, which may be taken concurrently.

NURS 6971. Nursing Care for Patients with Acute Conditions - Clinical. 4 cr. hrs.
Comprehensive patient-centered nursing care of adults or children with acute conditions. Emphasizes health promotion, health maintenance, restoration, palliation and end of life. Includes simulation. Prereq: NURS 6970, NURS 6005, NURS 6201, NURS 6500; NURS 6700, NURS 6100, and NURS 6200, which may be taken concurrently.

NURS 6972. Clinical Nurse Leader 1 - Clinical. 3 cr. hrs.
Foundational clinical immersion to implement the role components of the clinical nurse leader, including clinical outcomes and care environment management. Prereq: NURS 6970, NURS 6971.

NURS 6974. Clinical Nurse Leader 2 - Clinical. 3 cr. hrs.
Advanced clinical immersion to implement the role components of the clinical nurse leader including clinical outcomes and care environment management. Prereq: NURS 6000, NURS 6007, NURS 6010, NURS 6030, NURS 6032, NURS 6035 or NURS 6535, HEAL 6825, HEAL 6835, NURS 6964 and HEAL 6049; which may be taken concurrently.

NURS 6975. Family Nurse Practitioner Practicum. 3 cr. hrs.
Assessment and intervention in primary care for clients across the lifespan with emphasis on management of common and complex health concerns. Refinement of direct and indirect care skills. Prereq: Admitted to Post-master's FNP program and cons. of dept. ch.

NURS 6995. Independent Study in Nursing. 1-3 cr. hrs.
Prereq: Admitted to NURS program; and cons. of instr.

NURS 6999. Master's Thesis. 1-6 cr. hrs.
S/U grade assessment. Prereq: Admitted to NURS program; approved thesis proposal; cons. of associate dean.

NURS 7810. Scientific Foundations of Nurse Anesthesia Practice. 3 cr. hrs.
Application of basic principles of chemistry, mathematics and physics in nurse anesthesia practice. Includes analysis of anesthesia equipment and monitoring devices. Prereq: Admitted to nurse anesthesia program.

NURS 7811. Nurse Anesthesia Advanced Physiology. 4 cr. hrs.
Application of advanced cell biology and systems physiology applied to nurse anesthesia practice. Prereq: NURS 7810.

NURS 7812. Nurse Anesthesia Neurobiology. 4 cr. hrs.
Study of the structure and function of the human nervous system applied to normal and abnormal functions across the lifespan. Focus on advanced anatomy, histology, neurobiology and neurology as related to anesthesia. Prereq: NURS 7810.

NURS 7813. Nurse Anesthesia Basic Principles. 3 cr. hrs.
Comprehensive foundational content for nurse anesthesia practice. Focus on general clinical skills in the practice of anesthesia. Prereq: NURS 7810.

Anesthesia management principles for surgical specialty areas including pertinent foundations in anatomy, physiology, pathophysiology and pharmacology. Prereq: NURS 7813.

NURS 7815. Professional Issues in Nurse Anesthesia DNP Practice. 3 cr. hrs.
Issues germane to nurse anesthesia practice: history, role, ethics and legal/professional issues. Prereq: Admitted to the nurse anesthesia program.

NURS 7816. Nurse Anesthesia Advanced Pharmacology. 3 cr. hrs.
Comprehensive study of anesthetic agents and adjuvants along with drugs frequently encountered in the perioperative setting. Pharmacokinetics, pharmacodynamics, potential drug interactions, the impact of aging and various disease processes on dosing and administration of these drugs. Prereq: NURS 7810, NURS 7813.

NURS 7817. Nurse Anesthesia Advanced Principles 2. 3 cr. hrs.
Anesthetic management principles for obstetric and pediatric patients including pertinent foundations in anatomy, physiology, pathophysiology and pharmacology. Prereq: NURS 7814.

NURS 7970. Nurse Anesthesia Clinical 1. 1 cr. hr.
Clinical practica focused on development of nurse anesthesia practice within surgical specialty areas. Prereq: NURS 7810, NURS 7811, NURS 7812 and NURS 7813.

NURS 7971. Nurse Anesthesia Clinical 2. 2 cr. hrs.
Clinical practica focused on development of nurse anesthesia practice within surgical specialty areas. Prereq: NURS 7970.

NURS 7972. Nurse Anesthesia Residency 1. 4 cr. hrs.
Introductory mentored nurse anesthesia clinical. Prereq: NURS 7817, NURS 7971.

NURS 7973. Nurse Anesthesia Residency 2. 4 cr. hrs.
Intermediate mentored nurse anesthesia clinical. Prereq: NURS 7972.
NURS 7974. Nurse Anesthesia Residency 3. 4 cr. hrs.
Advanced mentored nurse anesthesia clinical. Prereq: NURS 7973.

NURS 7980. Residency for DNP with Adults/Older Adults Primary Care. 3 cr. hrs.
Prereq: NURS 6257.

NURS 7981. Residency for DNP with Acutely Ill Adults. 3 cr. hrs.

NURS 7983. Residency for DNP with Children and Families in Primary Care. 3 cr. hrs.

NURS 7984. Residency for DNP with Ill Children/Adolescents. 3 cr. hrs.
Clinical immersion in practice with children and/or adolescents with acute/chronic illness. Emphasis on advanced, evidence-based care management in the context of family, community and culture. Prereq: NURS 6653.

NURS 7985. Residency for DNP in Nurse-Midwifery. 3 cr. hrs.

NURS 7986. Residency for DNP in Health Care Systems Leadership. 3 cr. hrs.

NURS 7987. Nurse Anesthesia Specialty Immersion 1. 4 cr. hrs.
Selected advanced specialty immersion in nurse anesthesia. Prereq: NURS 7974.

NURS 7988. Nurse Anesthesia Specialty Immersion 2. 4 cr. hrs.
Selected continued advanced specialty immersion in nurse anesthesia. Prereq: NURS 7987.

NURS 7996. Doctor of Nursing Practice Capstone 1. 3 cr. hrs.
Identification and development of an evidence-based capstone project that focuses on the scholarship of practice. Integration of knowledge obtained in prior D.N.P. course work. Prereq: HEAL 7010 or concurrent; final year of program.

NURS 7997. Doctor of Nursing Practice Capstone 2. 3 cr. hrs.
Implementation, evaluation and dissemination of an evidence-based capstone project that focuses on the scholarship of practice. Prereq: NURS 7996.

NURS 8000. Nursing Knowledge Development. 3 cr. hrs.
Examination of paradigmatic, theoretical, and conceptual dimensions of the nursing discipline with an emphasis on strategies for knowledge generation. Prereq: PHIL 6430 which may be taken concurrently.

NURS 8010. Vulnerable Populations. 3 cr. hrs.
Concepts, theories, and research relevant to vulnerable populations, with emphasis on the multiple contextual influences on health and illness.

NURS 8020. Nursing Education Research, Policy, and Leadership. 3 cr. hrs.
Philosophical foundations, theories, nursing education research and policy. Strategies to improve nursing education for the care of vulnerable populations.

NURS 8980. Nursing Research Seminar and Practicum. 1-3 cr. hrs.
Guided individual research experience. Develops skills related to grant writing, dissertation, and the conduct of research projects. Prereq: HEAL 8002 or HEAL 8003 or concurrent.

NURS 8981. Residency in Nursing Education. 1-3 cr. hrs.
Application of knowledge, theories, and skills to academic teaching in nursing. Prereq: Cons. of associate dean for graduate programs and research.

NURS 8982. Nursing Research and Practicum II. 1-3 cr. hrs.
Advanced work in guided individual research experience. Students develop advanced skills related to grant writing, dissertation and conduct of research projects. Prereq: NURS 8980.

NURS 8995. Independent Study in Nursing. 1-3 cr. hrs.
Investigations in selected areas of Nursing. Prereq: Cons. of instr. and cons. of dept. ch.

NURS 8999. Doctoral Dissertation. 1-12 cr. hrs.
S/U grade assessment. Prereq: Admitted to NURS program; and cons. of dept. ch.

NURS 9970. Graduate Standing Continuation: Less than Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9974. Graduate Fellowship: Full-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9975. Graduate Assistant Teaching: Full-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.
NURS 9976. Graduate Assistant Research: Full-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9977. Field Placement Continuation: Less than Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9978. Field Placement Continuation: Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9979. Field Placement Continuation: Full-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9984. Master's Comprehensive Examination Preparation: Less than Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9985. Master's Comprehensive Examination Preparation: Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9986. Master's Comprehensive Examination Preparation: Full-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9987. Doctoral Comprehensive Examination Preparation: Less than Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9988. Doctoral Comprehensive Examination Preparation: Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9989. Doctoral Comprehensive Examination Preparation: Full-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9994. Master's Thesis Continuation: Less than Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9995. Master's Thesis Continuation: Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9996. Master's Thesis Continuation: Full-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9997. Doctoral Dissertation Continuation: Less than Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9998. Doctoral Dissertation Continuation: Half-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.

NURS 9999. Doctoral Dissertation Continuation: Full-Time. 0 cr. hrs.
Fee. SNC/UNC grade assessment. Prereq: Cons. of dept. ch.; and admitted to NURS program.