NURSING AND HEALTH STUDIES

http://www.miami.edu/nursing

DEPARTMENT CODE: NUR

The School of Nursing and Health Studies offers three graduate degrees:

- Master of Science in Nursing (MSN)
- Doctor of Nursing Practice (DNP)
- Doctor of Philosophy (PhD) in Nursing

If admitted to an MSN, DNP or PhD program, all students must successfully pass a background check which includes fingerprinting and drug screening, and must also provide proof of current immunizations. These requirements must be met prior to registering for courses.

Note that courses and policies are subject to change throughout the academic year. Please refer to the 2015-2016 Student Handbook for the applicable curriculum and progression policies.

Master of Science in Nursing

The Master of Science in Nursing (MSN) degree program is designed for professional nurses holding a Bachelor of Science degree with a major in nursing (BSN). Registered nurses with baccalaureate degrees in other fields are also eligible to apply for admission. Speciality tracks focus on selected areas of advanced practice nursing and nursing education. The degree requirements may be completed in three semesters of full-time study. Part-time study is also available (five semesters). Further information about each program may be obtained from:

Office of Student Services
School of Nursing and Health Studies
University of Miami
P.O. Box 248153
Coral Gables, FL 33124-3850

Visit us on-line at: http://www.miami.edu/sonhs/index.php/sonhs/academics/master_programs/
E-mail: Nursinggrad@miami.edu
Call: 305-284-4325

The MSN Program is accredited by:

Commission on Collegiate Nursing Education (CCNE)
One DuPont Circle NW, Suite 530
Washington, DC 20036
202-887-6791

Additional national accreditation is from:

Council on Accreditation of Nurse Anesthesia Education Programs (COA)
222 South Prospect Avenue
Park Ridge, Illinois
60068-4001
847-692-7050 (ext. 1154)

Graduate Student Responsibilities

Students in the School of Nursing and Health Studies are responsible for meeting the degree requirements. It is the student’s responsibility to comply with all the provisions of the Bulletin and written changes to the program of study. Students are provided assistance by faculty advisors and faculty members. Requests for deviation from the program of study or school requirements are granted only by written approval from the Associate Dean or Dean. Students who are in violation of the provisions of this Bulletin may be withdrawn unilaterally by appropriate School officials from classes, deleted as Nursing and Health Studies students or have a stop placed upon their future enrollment. The school reserves the right to change academic requirements to include course offerings to ensure that students are receiving the latest knowledge. Classes may be held on weekdays or weekends, and will be listed as such in the course schedule. Changes are transmitted by written notice in the current year of the School of Nursing and Health Studies Master’s Handbook located at www.miami.edu/sonhs (http://www.miami.edu/sonhs) or by the Dean.

Progression/Dismissal Policy

In order for MSN students to progress through their programs to completion, the academic policy is as follows:

1. Any graduate student who receives a “C” or lower in a nursing course will be dismissed from his or her program.
2. A grade of “B-” or “C+” for a course is below graduate standards, and the student must repeat that course. However, a student may only repeat one course, one time. The student will be dismissed if he/she fails a second course even if he/she retook and passed the previous failed course.
3. A passing grade in all clinical experiences is required to pass a course having a clinical component (generally listed as a “lab section” by UM). Students who are not making satisfactory progress may also receive an academic alert at mid-semester or mid-course.
4. All grades are included in the computation of the UM overall grade point average including those that are failed or repeated.

MSN Admission Requirements (Advance Practice Specialties)

Admission to graduate programs in the School of Nursing and Health Studies is subject to the rules, regulations, and procedures as determined by each graduate nursing program and the Graduate Bulletin of the University of Miami. Admission to the master’s program requires:

- Submission of a complete University of Miami Graduate School application for admission
- A Baccalaureate degree (BSN preferred) from a regionally-accredited institution
- Official transcripts from all undergraduate and graduate institutions attended, unless the applicant is a graduate of the University of Miami
- Three letters of reference, at least one of which is from an academic source
- Statement of professional goals for graduate study
- Current resume
- One year of Critical Care Experience is required for the Adult-Gerontology Acute Care Nurse Practitioner program
- Prerequisite: Introductory Statistics Course
- Current (unrestricted) RN license (once admitted to the program, students must provide a Florida RN license)
- Photocopies of the following certifications:

University of Miami Academic Bulletin
The outcome objectives for graduates of the DNP program are to:

- Integrate knowledge, theories, and concepts from the biophysical, psychosocial, analytical, and organization sciences to develop ethical health care systems and new frontiers for nursing practice that address health care disparities.
- Evaluate research methods and findings to create an evidence base for nursing practice and health care delivery systems that reflect best practices and alleviate health care disparities.
- Synthesize knowledge gained from traditional and innovative learning methods to lead quality, cost-effective health care collaborations addressing health care disparities.
- Demonstrate expert clinical judgment and knowledge of health care systems to design, deliver and evaluate evidence-based care interventions to reduce health care disparities.
- Model expert nursing practice and serve as mentors to nursing colleagues in their efforts to improve nursing practice and health care systems.
- Employ knowledge of health care policy and economics to develop and evaluate programs to address health care disparities.

**MSN-DNP Admission Requirements**

- A baccalaureate degree and a master’s degree, preferably in nursing, from an accredited institution. Individuals without an MSN are evaluated on a case-by-case basis for admission.
- Minimum 3.0 GPA from MSN program.
- Official transcripts from all undergraduate and graduate institutions attended, unless the applicant is a graduate of the University of Miami.
- Two (2) letters of recommendation, at least one of which is from an academic source, and preferably from individuals with an earned doctorate in nursing.
- Statement of professional goals for graduate study.
- Current resume.
- National specialty certification in an area of nursing practice.
- Current (unrestricted) RN license①.
- Current Basic Life Support certification (i.e., CPR or BLS).
- Applicants for whom English is not their native language must comply with the minimum score requirement in the University’s policy on Examinations for International Students located at http://www.miami.edu/admission/index.php/undergraduate_admission/apply/international_applicants/toefl_or_other_english_proficiency_requirements/.
- Interviews will be scheduled as requested by faculty.
- Documentation of completion of a minimum of 440 precepted clinical hours or supervised residency hours in master’s level program. An applicant who cannot provide such documentation may submit a portfolio for evaluation of equivalent clinical hours. Contents of the portfolio should include:
  
  1. Descriptions of any supervised internship or residency experiences in their master’s program.
  2. Descriptions of any supervised internship or residency experiences they may have had after their master’s programs.
  3. Descriptions of nursing practice-related supervised projects they may have had after their master’s programs (community or service sector). Any of the projects must have been accomplished outside of work hours.
  4. Signed statement from supervisor of project with the number of hours in the project.
  5. Names and contact information of the supervisors who can be contacted to describe the experiences listed above.

Final assignment of portfolio clinical hours is non-negotiable and is based on the level and nature of the supervision, the type, and applicant’s responsibilities in the project.

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<td>Adult-Gerontology ACUTE CARE Nurse Practitioner</td>
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Applications must be submitted by March 10 each year. Students must submit to drug screening and background checks. See the School of Nursing and Health Studies Student Handbook 2015-16 for further information.

**MSN SPECIALTY TRACKS**

- Adult-Gerontology ACUTE CARE Nurse Practitioner
- ADULT-Gerontology Primary Care Nurse Practitioner
- FAMILY NURSE PRACTITIONER
- NURSE EDUCATION

Programs leading to the Master of Science in Nursing (MSN) degree prepare students for Advanced Practice Nursing in Adult-Gerontology Acute Care Nurse Practitioner, Adult-Gerontology Primary Care Nurse Practitioner, Family Nurse Practitioner, and Nurse Education.

**Doctor of Nursing Practice**

The DNP degree is a practice-focused doctorate designed for nurses seeking a terminal degree in nursing practice. The DNP Program is accredited by:

Commission on Collegiate Nursing Education (CCNE)
One DuPont Circle NW, Suite 530
Washington, DC 20036
202-887-6791

The program is offered in two formats: the MSN-DNP and the BSN-DNP Nurse Anesthesia track. The Nurse Anesthesia track is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA), Park Ridge, Illinois.

The outcome objectives for graduates of the DNP program are to:

- Prepare for advanced nursing practice at the doctoral level and become an independent, expert clinician who can address health care disparities.
- Integrate knowledge from the biophysical, psychosocial, and organizational sciences to develop ethical health care systems and new frontiers for nursing practice that address health care disparities.
- Synthesize knowledge gained from traditional and innovative learning methods to lead quality, cost-effective health care collaborations addressing health care disparities.
- Demonstrate expert clinical judgment and knowledge of health care systems to design, deliver and evaluate evidence-based care interventions to reduce health care disparities.
- Model expert nursing practice and serve as mentors to nursing colleagues in their efforts to improve nursing practice and health care systems.
- Employ knowledge of health care policy and economics to develop and evaluate programs to address health care disparities.

For further information, contact the School of Nursing and Health Studies Student Handbook 2015-16.
Students must submit to drug screening and background checks. See the School of Nursing and Health Studies Student Handbook 2015-16 for further information.

1 International and out-of-state students are welcome in the DNP program. They must have a degree equivalent to a U.S. baccalaureate degree in nursing. However, some assignments are limited to students holding current Florida RN licenses and BLS certification.

Doctor of Nursing Practice - Nurse Anesthesia Track

The BSN-DNP Nurse Anesthesia program is available as an entry into practice degree, meaning it is available to post-baccalaureate nurses, with or without a master's degree in nursing. The DNP anesthesia track degree is a practice-focused doctorate. The program is a lock-step program; students must successfully complete a semester to progress to the next semester.

BSN-DNP Nurse Anesthesia Track Admission Requirements

- Bachelor’s degree in nursing from an NLN or CCNE accredited program of nursing is preferred. Registered nurses with a bachelor’s degree in other relevant science fields will be considered on an exception basis.
- Official transcripts from undergraduate and graduate institutions, unless the applicant is a graduate of the University of Miami.
- A current, unrestricted license to practice nursing in the state of Florida, or the state or territory of current practice (once admitted to the program, must obtain Florida licensure).
- Nursing GPA 3.0.
- Statistics course within 5 years.
- Minimum of 2 years critical care experience within the last five years.
- Current resume/curriculum vitae.
- Written personal goal statement which describes your future role as a DNP within the health care system.
- 3 letters of recommendation: 1 from a current clinical supervisor, 1 from a former/current academic faculty member, 1 from a community leader or professional colleague.
- Current Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), & Pediatric Advanced Life Support (PALS) certificates.
- Applicants for whom English is not their native language must comply with the minimum score requirement in the University’s policy on Examinations for International Students located at http://www.miami.edu/admission/index.php/undergraduate_admission/apply/international_applicants/toefl_or_other_english_proficiency_requirements/.
- Successful completion of a pre-admission interview (personal interview).
- Interviews will be scheduled as requested by faculty.

Students must submit to drug screening and background checks. See the School of Nursing and Health Studies Student Handbook 2015-16 for further information.

Doctor of Philosophy

The Ph.D. with a major in Nursing Science requires a minimum of 41 credit hours of coursework beyond the master’s degree or 62 credit hours of coursework beyond the bachelor’s degree. The principal goal of the PhD with a major in Nursing Science is to prepare scholars and researchers who will contribute to the growth of science in nursing through recognized methods of scholarly inquiry. Admission to the doctoral program is competitive.

PhD Admission Requirements

- Baccalaureate or a master’s degree in nursing from an accredited college or university (or equivalent for international applicants), with a minimum 3.0 GPA.
- Official transcripts from all undergraduate and graduate institutions attended, unless the applicant is a graduate of the University of Miami.
- Statement of professional goals for graduate study, including research interests and fit with faculty.
- Resume/CV.
- Three (3) letters of recommendation, one of which must be from an academic source.
- Licensed as a professional nurse (not required for international applicants).
- Competitive GRE scores.
- International applicants for whom English is not their native language must comply with the minimum score requirement in the University’s policy on Examinations for International Students located at http://www.miami.edu/admission/index.php/undergraduate_admission/apply/international_applicants/toefl_or_other_english_proficiency_requirements/.
- Interviews will be scheduled as requested by faculty.

Students must submit to drug screening and background checks. See the School of Nursing and Health Studies PhD Student Handbook 2015-16 for further information.

Financial Assistance

Full-time PhD students are considered for support which may include:

1. Tuition Scholarships. These awards vary in amount and are intended to assist the recipient in pursuit of study and research as required by the degree. These scholarships are awarded on a competitive basis.
2. Graduate Stipends. These cash awards, paid monthly, are intended as part of an educational assistance program for PhD degree students. The stipends require service in the form of teaching, research assistance, or other appropriate educational activities that may be designated by the supervisor of the recipient.

For further information, contact:

Office of Student Services
School of Nursing and Health Studies
University of Miami
P.O. Box 248153
Coral Gables, FL 33124-3850
Phone: 305-284-4325
Masters
Master of Science in Nursing with Specialty Tracks in:

- Adult-Gerontology Acute Care Nurse Practitioner (http://bulletin.miami.edu/graduate-academic-programs/nursing-health-studies/nursing-msn-adult-gerontology-acute-care-nurse-practitioner)
- Adult-Gerontology Primary Care Nurse Practitioner (http://bulletin.miami.edu/graduate-academic-programs/nursing-health-studies/nursing-msn-adult-gerontology-primary-care-nurse-practitioner)
- Family Nurse Practitioner (http://bulletin.miami.edu/graduate-academic-programs/nursing-health-studies/nursing-msn-family-nurse-practitioner)

Doctoral

- Doctor of Nursing Practice MSN-DNP (http://bulletin.miami.edu/graduate-academic-programs/nursing-health-studies/doctor-nursing-practice-msn-dnp)
- Doctor of Nursing Practice - Nurse Anesthesia Track (BSN-DNP) (http://bulletin.miami.edu/graduate-academic-programs/nursing-health-studies/doctor-nursing-practice-nurse-anesthesia-track-bsn-dnp)
- Ph.D. in Nursing Science (http://bulletin.miami.edu/graduate-academic-programs/nursing-health-studies/nursing-science)

Courses

NUR 601. Advanced Pharmacology. 3 Credit Hours.
Advanced practice nursing application of pharmacological and pharmacokinetics for the purpose of selecting appropriate drug therapies for diverse populations.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 602. Doctoral Level Orientation/Nur. 0 Credit Hours.
This course provides entering doctoral students with an evaluation of their writing ability and a review of formal writing skills. Other topics pertinent to success for nursing coursework at the doctoral level are addressed.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 603. Healthcare Databases: Design, Development And Clinical Application. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 604. System Life Cycle/Project Management. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 605. Health Information Exchange. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 606. Advanced Practice Preparation. 0 Credit Hours.
This preparatory experience provides students an opportunity to review concepts of pharmacology, physiology, and health assessment prior to beginning the Master of Science in Nursing program. Activities related to academic strategies and writing are also included, to assist in improving study and writing skills.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 607. Leadership And Professional Development Strategies For Nursing Informatics. 3 Credit Hours.
Corequisite: NUR 604.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 608. Concepts in Advanced Practice Nursing. 3 Credit Hours.
Major concepts necessary for advanced practice nursing. Included are: major scientific theories, health and health promotion, health policy, ethical issues, epidemiology, technology in health care, and advanced practice role competencies. Specific emphasis is placed on understanding culture and cultural diversity in health care.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 609. Professionalism in Advanced Practice Nursing. 2 Credit Hours.
Focuses on the synthesis of concepts and principles necessary to develop leaders in advanced practice nursing specialties. Emphasis is placed on the role of the advanced practice nurse for optimal delivery of health care to clients across the life span.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 610. Adult Gerontology Acute Care I. 4 Credit Hours.
Analysis of selected theories and conceptual models of nursing and their implementation in practice and research. Approaches to development of a scientific body of knowledge for nursing practice is included. (2)
Prerequisite: Graduate status.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 611. Foundations Of Anesthesia Science & Technology For Nurse Anesthetists. 5 Credit Hours.
Introduction to the application of basic sciences to nurse anesthesia. This course includes the application of principles of physics, molecular biology, biochemistry and medicinal chemistry.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 612. Physiology/Pathophysiology for Advanced Practice Nursing. 3 Credit Hours.
Analysis of physiologic and pathophysiologic mechanisms of health and illness.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.
NUR 613. Advanced Health Assessment and Diagnostic Reasoning. 3.00 Credit Hours.
Emphasis on culturally sensitive comprehensive health assessment and diagnostic reasoning related to advanced nursing practice. Special emphasis is placed on advanced health assessment; including age appropriate health screenings; prenatal, pediatric, and geriatric assessment; and interpretation of basic laboratory tests and diagnostic studies utilized in advanced nursing practice. Specialty specific seminars address issues for individual tracks within advanced practice nursing.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 614. Basic Concepts In Anesthesia Nursing. 6.00 Credit Hours.
This course is an overview of fundamental knowledge and skills for entry into advanced practice anesthesia nursing. Concepts include essential techniques, monitoring and equipment, and pharmacologic interventions for common problems and conditions requiring routine surgical procedures in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.
Prerequisites: NUR 601, NUR 611, NUR 612, NUR 613. Corequisite: NUR 617.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 615. Professional Aspects of Anesthesia Nursing. 2 Credit Hours.
This course focuses on the development and current trends in nurse anesthesia practice, education, and research. Concepts include the historical, legal, legislative, and professional role issues associated with advanced practice anesthesia nursing. Professional responsibilities, ethical issues, diversity, cultural competency, quality assurance, continuing education, and professional involvement are emphasized.
Prerequisite: NUR 646. Corequisite: NUR 650.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 616. Pharmacology for Acute Care Nursing. 3 Credit Hours.
Focuses on foundational pharmacologic principles and associated application to clinical practice in acute care nursing. Integration of pharmacological concepts and interventions in safe, culturally competent, and interdisciplinary acute care advanced nursing practice are emphasized.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 617. Pharmacology For Anesthesia Nursing. 3 Credit Hours.
This course will integrate pharmacologic principles with application to clinical practice in anesthesia nursing. Integration of pharmacological, pathophysiological concepts and the autonomic nervous system, synthesizing interventions in a safe, culturally competent, interdisciplinary anesthesia nursing practice.
Prerequisites: NUR 601, NUR 611, NUR 612, NUR 613. Corequisite: NUR 614.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 619. Advanced Concepts Of Anesthesia Nursing I. 7 Credit Hours.
This course will provide an in-depth knowledge and skills of anesthesia nursing care for a variety of common problems and conditions across anesthesia specializations. Concepts include assessment, techniques, planning and pharmacologic interventions for specialty surgical procedures in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.
Prerequisites: NUR 601, NUR 611, NUR 612, NUR 613, NUR 614, NUR 617.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 620. Advanced Concepts Of Anesthesia Nursing II. 14.00 Credit Hours.
This course will provide in-depth knowledge and skills of highly specialized problems and conditions requiring anesthesia or surgical interventions. Concepts include assessment, techniques, planning and pharmacologic interventions for regional anesthesia, pain management, care of obstetrical patients and patients with catastrophic conditions in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.
Prerequisites: NUR 601, NUR 611, NUR 612, NUR 613, NUR 614, NUR 617, NUR 619.
Components: CLN.
Grading: GRD.
Typically Offered: Spring.

NUR 621. Diagnostics and Nursing Interventions for Acute Care Nursing. 2-3 Credit Hours.
Selected diagnostic tests and intervention techniques essential to acute care nursing. Critical thinking and decision making related to interdisciplinary assessment of acute care patients. Cultural issues related to diagnostics and intervention.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 622. Acute Care Nursing of Adults I. 4 Credit Hours.
The first of two sequential clinical practicums designed for the development of scientific knowledge and advanced practice skills in the area of acute care nursing. Involves synthesis of concepts, knowledge and skills gained in previous courses applied to the care of the acutely ill patient. Focuses on the advanced practice of acute care nursing via the nurse practitioner/clinical nurse specialist.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 623. Maternal Child Health in Primary Care Practice. 5 Credit Hours.
Theoretical and clinical bases for advanced practice nursing management of infants and children. Emphasis is placed on strategies for health maintenance and prevention of health problems and management of alterations.
Prerequisite: NUR 628.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
NUR 624. Health Care of the Aging Adult. 5.00 Credit Hours.
Development of the role of the advanced practice nurse in the health care management of the aging adult in settings ranging from primary care clinics to residential and rehabilitation including assisted living, long-term, and home care.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 625. Adult Gerontology Acute Care Ii. 7 Credit Hours.
Theoretical and clinical focus for the nurse practitioner as an advanced practice nurse in the health care management of adult populations in rehabilitative settings and residential facilities including assisted living, long-term, and home care. (2:6) Prerequisite or corequisite: NUR 601. Prerequisite: NUR 613 and 617.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 626. Advanced Concepts in Gynecological Health Care for Women. 2 Credit Hours.
Theoretical and clinical bases for the provision of complex gynecological care of women. Emphasis is on strategies for promotion of transcultural health care needs and management of alterations according to the advanced practice roles.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 627. Primary Prenatal Healthcare of Women. 1-2 Credit Hours.
Theoretical and clinical bases for providing primary prenatal care of women. Emphasis is on management of transcultural health care needs according to the advanced practice role.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 628. Adult Gerontology I. 4 Credit Hours.
Theoretical and clinical bases for health care management of health alterations in the adult population. Emphasis on strategies for health maintenance and prevention of health problems, management of alterations, discharge planning and rehabilitation of individuals and aggregate population.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 630. Research Methods and Evidence-Based Practice. 3 Credit Hours.
Research process, research methods, and the analysis of data using quantitative and qualitative approaches. Focuses on understanding levels of evidence for implementing evidence-based practice and performance improvement in nursing practice and health care. Investigates research methods associated with health disparities, access to health care, and clinical outcomes.
Components: LEC.
Grading: GRD.
Typically Offered: Spring & Summer.

NUR 631. Adult Gerontology Ii. 4-7 Credit Hours.
Theoretical and clinical bases for health management of health alterations in the adult population. Emphasis on strategies for health maintenance and prevention of health problems, management of alterations, discharge planning and rehabilitation of individuals and aggregate population.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 634. Perinatal Health Care. 6.00 Credit Hours.
Continuation of the application of physiologic, psychosocial, and cultural concepts to perinatal health care management. Emphasis is placed on nurse-midwifery management of intrapartum, postpartum, and neonatal clients.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 635. Innovation In Nursing Informatics. 3 Credit Hours.
Corequisite: NUR 633.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 636. Nursing Informatics Internship. 3 Credit Hours.
Corequisite: NUR 635.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 637. Capstone Practicum In Nursing Leadership In Informatics. 3 Credit Hours.
Prerequisites: NUR 604, NUR 607, NUR 608, NUR 630, NUR 633, NUR 636, NUR 658, CIS 450, CIS 685. Corequisites: NUR 603, NUR 605.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 638. Adult Gerontology Acute Care Iii. 6 Credit Hours.
Theoretical, clinical, and research basis of advanced practice nursing in the care and management of adults in primary care setting. (2:15) Prerequisite: NUR 628.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 639. Acute Care Nursing of Adults II. 7.00 Credit Hours.
The second of two clinical practicums designed to guide the development of scientific knowledge and advanced practice skills in the area of acute care nursing. Designed to assist the student to assume the role of the Acute Care Nurse Practitioner/Clinical Nurse Specialist.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.
NUR 640. Teaching and Learning Theory in Clinical Nursing Education. 3 Credit Hours.
This course covers principles and practices of teaching and learning integral to clinical nursing education and identifies the role of the faculty in teaching students with diverse learning styles and needs within a variety of clinical settings.
Components: DIL.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 641. Methods for Clinical Nursing Education. 3 Credit Hours.
The focus of this course is the organization and management of instruction for clinical nursing education. Emphasis is placed on effective strategies for the development of learning opportunities in diverse clinical settings.
Components: DIL.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 642. Evaluation in Clinical Nursing Education. 3 Credit Hours.
The course explores principles and practices of evaluation integral to clinical nursing education.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 643. Practicum in Nursing Education. 5 Credit Hours.
The primary focus of this course is to provide opportunities to apply concepts and principles from the previous 3 courses of the Certificate in Nursing Education program. The course provides opportunity for laboratory, clinical, and online application of principles of teaching and learning. The course combines 42 hours didactic contact hours with 112 online practicum hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 644. Leadership and Professional Development Strategies for Nursing. 4 Credit Hours.
In this course, students will be exposed to the principles of organizational culture, dynamics, mission, vision, values, and goals as it impacts nursing. Additionally, they will learn current theories of change management and resource management for nursing practice. They will explore change agent roles in project management and processes.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 645. Interdisciplinary Anesthesia Nursing I. 14.00 Credit Hours.
This course is the integration and synthesis of advanced knowledge and skills for interdisciplinary anesthesia nursing care. Selected topics and clinical case studies include collaborative decision-making, effective communication, planning and evaluation for patients with complex problems and conditions across the lifespan. With continual guidance, students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.
Prerequisites: NUR 601, NUR 611, NUR 612, NUR 613, NUR 614, NUR 617, NUR 619, NUR 620.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 646. Interdisciplinary Anesthesia Nursing II. 14.00 Credit Hours.
This course is the second integration and synthesis course of advanced knowledge and skills for interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. With minimal guidance, students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.
Prerequisites: NUR 601, NUR 611, NUR 612, NUR 613, NUR 614, NUR 617, NUR 619, NUR 620, NUR 645.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 647. Advanced Practice Nursing Integration. 7 Credit Hours.
Integration of the components of the Advanced Practice Nursing role to analyze advanced practice issues.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 648. Internship. 7.00 Credit Hours.
Integration and role synthesis of Advanced knowledge and skills in nurse midwifery care for women and infants within diverse cultural clinical settings. Selected topics include practice management and clinical case studies to include diagnosis, collaborative practice, planning and evaluations of care for normal and complex conditions for the female adolescent, reproductive age woman and infant, the mature women and their families.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 650. INTERDISCIPLINARY ANESTHESIA NURSING III. 14.00 Credit Hours.
This course is the third and final integration and synthesis course of advanced knowledge and skills of interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. With minimal guidance, students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.
Prerequisite: NUR 646.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 651. Qualitative Data Analysis. 3 Credit Hours.
The course is designed to help the student develop skills and understanding relating to the advanced analysis of qualitative data. The course assumes all students will either be in or nearing the analysis stages in their research. Focus is on preparation and management of text and media data for analyses; the creation and application of various types of coding to data; the distinctions in coding data evolving from different qualitative approaches; and analysis of longitudinal qualitative data. Permission required.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>NUR 652</td>
<td>Introduction To Clinical Inquiry I. 3 Credit Hours.</td>
<td></td>
<td>Combines clinical knowledge and hands-on clinical experience in an area of the student's potential research interest. Students will practice under the supervision of an advanced practice nurse in a specialty area. Students are expected to begin the process of identifying clinical research problems.</td>
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<td>Components: LEC.</td>
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<td>Grading: CNC.</td>
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<td>Typically Offered: Summer.</td>
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<tr>
<td>NUR 653</td>
<td>Introduction to Clinical Inquiry II. 6 Credit Hours.</td>
<td></td>
<td>Combines clinical knowledge and hands-on clinical experience in an area of the student's potential research interest. Students will practice under the supervision of an advanced practice nurse in a specialty area. There will be a focus on health care delivery systems. Students are expected to translate clinical problems into researchable questions. Prerequisites: NUR 652, NUR 662, NUR 665, NUR 670, NUR 674, NUR 698.</td>
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<td>Components: LEC.</td>
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<td>Grading: GRD.</td>
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<td>Typically Offered: Summer.</td>
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<tr>
<td>NUR 654</td>
<td>The Evolution Of Nursing Practice &amp; Application Of Theory In Nursing Practice. 3 Credit Hours.</td>
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<td>This course is an overview of the conceptual foundations of nursing science and nursing practice. Knowledge from basic and applied sciences and ethics as well as the history of the global evolution of nursing practice are examined. Requisite: Admission to the DNP Program.</td>
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<td>Components: LEC.</td>
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<td>Grading: GRD.</td>
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<td>Typically Offered: Spring &amp; Summer.</td>
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<tr>
<td>NUR 655</td>
<td>Health Care Management, Economics, Financing, And Ethics. 3 Credit Hours.</td>
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<td>This course is an overview of health care management, financing, ethics and core and advanced concepts of health care economics. This course will also examine issues associated with health care management, economics, and ethics. Requisite: Admission to the DNP Program.</td>
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<td>Components: LEC.</td>
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<td>Grading: GRD.</td>
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<td>Typically Offered: Fall.</td>
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<tr>
<td>NUR 656</td>
<td>Global Health. 3 Credit Hours.</td>
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<td>This course covers diverse topics that affect the health of the population and advanced practice nursing internationally. Requisite: Admission to the DNP Program.</td>
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<tr>
<td>NUR 657</td>
<td>Population Based Health And Health Care Disparities. 3 Credit Hours.</td>
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<td>This course is an overview of knowledge from nursing, public health and other disciplines for population based assessment. Population based models and frameworks from nursing, public health, and other disciplines will be explored. The importance of cultural and ethical dimensions in program development is highlighted. Prerequisites: NUR 654, NUR 656, NUR 663, NUR 664.</td>
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<td>Components: LEC.</td>
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<td>Typically Offered: Summer.</td>
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<td>NUR 658</td>
<td>Structure and Processes in Health Care Organization and Health Care Policy. 3 Credit Hours.</td>
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<td>An exploration of health care organizations and healthcare policy, and how change is effected in both. Health care policy and planning to address health care disparities at the local, state, and federal levels will be explored. Organizational diagnosis, organizational change, and ethical dimension of public policy formulations and implementation will be highlighted. Requisite: Admission to the DNP Program or Permission of the Faculty.</td>
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<tr>
<td>NUR 659</td>
<td>Technology In Health Care. 3 Credit Hours.</td>
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<td>An exploration of the various aspects of the evolving technology to improve and transform health care and advanced practice nursing. This course prepares DNP nursing students to design, select and use technology to support, manage, and improve patient care and health care systems. Requisite: Admission to the DNP Program or Permission of the Faculty.</td>
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<td>NUR 660</td>
<td>Translational Science. 3 Credit Hours.</td>
<td></td>
<td>Emphasis is on translational science which includes organizational readiness and promoting change in a health care environment. Focus is on utilizing systematic analysis to identify, plan, execute and appraise best evidence on selected topics. Prerequisites: NUR 654, NUR 663, NUR 664.</td>
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<td>Grading: GRD.</td>
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<tr>
<td>NUR 662</td>
<td>Nursing Epistemology. 4 Credit Hours.</td>
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<td>Focus on historical and philosophical perspectives in the development of knowledge and patterns of knowing with in-depth examination of the evolution of nursing science. Analysis of concepts relevant to nursing phenomena. Approaches to scientific development in nursing with emphasis on theory building and theory generation. Requisite: Admission to the DNP Program.</td>
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<td>Components: LEC.</td>
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<td>NUR 663</td>
<td>Research I: Evaluating the Evidence for Practice. 3 Credit Hours.</td>
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<td>This course is an analysis of evidence-based nursing practice. During the course, students acquire the knowledge base to resolve clinical practice problems and direct evidence-based practice. Requisite: Admission to the DNP Program.</td>
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NUR 664. Research II: Biostatistical Applications For Nursing Practice. 3 Credit Hours.
This course is an overview of basic statistical concepts and computer applications related to healthcare, nursing, and biomedical research. An examination of both parametric and non-parametric statistics in program evaluation, testing and process outcomes, and/or basic research studies is included.
Prerequisite: Admission to the DNP Program or Permission of the Faculty.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 665. Quantitative Research Methods. 3 Credit Hours.
In-depth exploration of research methods and design for quantitative research in nursing. Emphasis on development of a research problem; quantitative research design from descriptive to randomized clinical trials; epidemiologic designs; threats to validity; sampling and power analysis; measurement including psychometric theory, data collection and management; and interpretation of data. Other topics include ethics, human subjects' protection, and translation of findings into practice.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 667. Research Practicum. 1 Credit Hour.
Student participates in an ongoing research project under the guidance of a faculty member. Conducts the practical aspects of research including: IRB application/continuing reports, data collection and management.
Prerequisite: NUR 665, NUR 670.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 670. Qualitative Methods In Research. 3 Credit Hours.
Exploration of inductive approaches to research and the use of qualitative methods including grounded theory, ethnography, focus group, and phenomenology. The techniques include unstructured and structured interviews. Discussion of techniques, analysis, and the ethical and political implications of special problems in qualitative research.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 671. Scientific and Theoretical Writing. 3 Credit Hours.
Introduction to the process of scientific writing including concept analysis and publication. Critique and respond to own and peers' writing. Challenges of making revisions. Synthesize relevant literature. Other topics include: impact factor, publication process, and techniques of writing.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 672. Capstone I. 3 Credit Hours.
Emphasis is on translational science which includes organizational readiness and promoting change in a health care environment. Focus is on utilizing systematic analysis to identify, plan, execute and appraise best evidence on selected topics.
Prerequisites: NUR 676, NUR 688, NUR 689.
Components: LEC.
Grading: GRD.
Typically Offered: Spring & Summer.

NUR 673. Capstone II. 3 Credit Hours.
This second capstone course is the implementation and evaluation of the project developed in Capstone I.
Prerequisite: NUR 672.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

Overview of GLM, GZLM, and GEE, which combine many aspects of ANOVA/ANCOVA and multiple regression models for continuous and categorical independent and dependent variables, moderation/mediation, multiple independent variables, and repeated measures of dependent variables. Computer applications using real data and standard statistical software packages will be utilized.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 676. Practice Immersion Experience I. 12.00 Credit Hours.
This course contains individually precepted learning experiences across the spectrum of advanced practice nursing in a variety of settings. Students develop expertise within the scope of their nursing practice.
Prerequisite: Admission to the DNP Program or Permission of the Faculty.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 679. Applied Statistics: Structural Equation Modeling and Hierarchical Linear Modeling. 3 Credit Hours.
Overview of structural equation modeling (SEM) and hierarchical linear modeling (HLM) for continuous, categorical, longitudinal, and nested data. Computer applications using real data and statistical software packages (Exel, SPSS, Mplus).
Prerequisite: NUR 674.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 680. Research Ethics. 0 Credit Hours.
This is a hybrid course that addresses the ethical and responsible conduct of research, protection of human subjects, and nursing science career development.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 681. Measurement of Nursing Phenomenon. 3 Credit Hours.
Development of instruments to measure a phenomenon of concern within the domain of nursing.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 682. Advanced Practice Psychopharmacology. 2 Credit Hours.
Review of common psychoactive medications, classes, uses, effects, side effects, and prescriptive implications.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
NUR 683. Theoretical Bases for Advanced Practice Psychiatric Mental Health Nursing. 2 Credit Hours.
Review of theories and practice of individual, group and, family therapy; role of advanced practice mental health nursing, ethics, research, legislative practice.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 684. Advanced Practice Psychiatric Mental Health Nursing Therapeutic Interventions. 1-5 Credit Hours.
Assessment and treatment of persons with major psychiatric disorders.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 685. Advanced Practice Psychiatric Mental Health Nursing Preceptorship. 4 Credit Hours.
Clinical preceptorship with experience in individual, and group, therapy. Includes experiences in prescribing psychoactive medications.
Prerequisites: NUR 682, NUR 683, NUR 684.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 686. Advanced Practice Psychiatric Mental Health Nursing Preceptorship 2. 5 Credit Hours.
Clinical preceptorship with experience in individual, and family therapy. Includes experiences in prescribing psychoactive medications.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Summer.

NUR 688. Health Systems Development And Leadership Practice Immersion Ii. 2-12 Credit Hours.
This course contains individually precepted learning experiences across the spectrum of nursing in a variety of settings. Students develop expertise within the scope of their nursing practice.
Prerequisite: NUR 676.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 689. New Method Of Implementation-Practice Immersion Experience Iii. 2 Credit Hours.
Prerequisites: NUR 676, NUR 688.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 690. Independent Study. 1-6 Credit Hours.
A in depth study of a specified area in advanced nursing of special interest to the student, under faculty guidance.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

NUR 694. Clinical Practicum For Dnp Nurse Anesthesia. 6 Credit Hours.
This course is the clinical integration and synthesis of advanced knowledge and skills of interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. Students assume responsibility for culturally competent and interdisciplinary anesthesia care with minimal assistance.
Prerequisite: NUR 650.
Components: LEC.
Grading: GRD.
Typically Offered: Summer.

NUR 695. Clinical Practicum For Dnp Nurse Anesthesia. 6 Credit Hours.
This course is the clinical integration and synthesis of advanced knowledge and skills of interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. Students assume responsibility for culturally competent and interdisciplinary anesthesia care with minimal assistance.
Prerequisite: NUR 694.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

NUR 696. Crafting the Dissertation Proposal. 3 Credit Hours.
The course is designed to help students focus and refine their ideas for their dissertation proposals. Focus is on developing and refining the ideas for the dissertation, and writing the introductory/review of the literature/methods chapters. The student will also begin preparation for a grant submission. During the semester, the course coordinators will assist the student in choosing a dissertation chair who will also provide input into the proposal.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

NUR 697. Selected Topics. 12.00 Credit Hours.
Subject matter offerings based upon student demand and availability of faculty. Subtitles describing topics will be shown in class schedule in parentheses after selected topic notation.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

NUR 698. Selected Topics. 6.00 Credit Hours.
The aim of this course is to provide a solid foundation in the basic statistical concepts used in conducting research in nursing. This course is an overview of basic statistical concepts and computer applications related to nursing research.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

NUR 699. Special Topics in Nursing Research. 1-3 Credit Hours.
Directed or independent research in collaboration with a faculty member providing opportunity for participation in ongoing nursing research. Specific requirements and credit allocation determined by contractual arrangement between student and faculty member.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.
NUR 700. Post Master Clinical. 12.00 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

NUR 701. Clinical Continuation. 6.00 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

NUR 810. Master's Thesis. 1-6 Credit Hours.
The student working on his/her master's thesis enrolls for credit, in most departments not to exceed six, as determined by his/her advisor. Credit is not awarded until the thesis has been accepted.
Components: DIS.
Grading: SUS.
Typically Offered: Fall & Spring.

NUR 830. Doctoral Dissertation. 1-12 Credit Hours.
Required of all candidates for the Ph.D. The student will enroll for credit as determined by his/her advisor but not for less than a total of 12 credits. Not more than 12 hours of NUR 730 may be taken in a regular semester, nor more than six in a summer session. A student who has passed (a) qualifying examinations, and (b) is engaged in an assistantship, may still take the maximum allowable credit stated above.
Components: THI.
Grading: SUS.
Typically Offered: Fall, Spring, & Summer.

NUR 850. Research in Residence. 1-3 Credit Hours.
Used to establish research in residence for the Ph.D., after the student has been enrolled for the permissible cumulative total in appropriate doctoral research. Credit not granted. May be regarded as full-time residence as determined by the Dean of the Graduate School.
Components: THI.
Grading: SUS.
Typically Offered: Fall, Spring, & Summer.