

MASTER OF SCIENCE IN NURSING

SCHOOL OF NURSING

Available on the Jackson, Hendersonville, and Germantown Campuses

Mission Statement

To prepare graduates for advanced professional nursing practice with specific functional and clinical abilities.

Program Goals

- To provide masters nursing education that builds on the baccalaureate undergraduate foundation.
- To prepare the graduate for advanced professional nursing practice with specific functional and clinical abilities.
- To prepare advanced practice nurses academically for doctoral study in nursing.

Program Outcomes

The graduate of the master's nursing program will be able to:

1. Incorporate theory and research in advanced practice nursing.
2. Assume leadership roles in one's speciality area of nursing to promote health and well being of persons in an intercultural world.
3. Integrate knowledge of health care economics and policy into the delivery of cost effective, ethically responsible nursing care.

4. Manage information using technology to influence nursing practice.
5. Demonstrate competency in the selected nursing practice.

The Cohort Approach and Calendar

In the fall semester of each year the M.S.N. Program accepts students in the Nurse Education, Nurse Administration, and Nurse Practitioner tracks. Groups pursue the degree as a cohort. This model emphasizes group cohesion, cooperation, and interactive support. Within semesters, some courses are offered in an accelerated, 7-8 week format.

In the winter term of each year the M.S.N. Program accepts approximately 25 students in the Nurse Anesthesia track for the Jackson campus as a cohort. The program ends 31 months later in August. The program consists of 9 semesters with some courses offered in an accelerated 4-week format. The Union University School of Nursing Nurse Anesthesia track is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA).

Each cohort is presented its unique calendar for the complete program. Current M.S.N. calendars are available at <http://www.uu.edu/academics/graduate/msn/>

Graduate Program Admission Requirements

Admission to the program will be based on competitive selection from the pool of applicants who meet the following admission requirements:

Employer Tuition Reimbursement

1. The student is responsible for providing information to the university regarding his/her employer's policies for reimbursement.
2. If the employer reimburses the student directly, the student must pay the university in full at the time of registration.
3. If the employer provides partial reimbursement directly to the university, the student must pay his/her portion of tuition at the time of registration.
4. The university will provide any required information to an employer when requested by the student.

Acceptance Deposits

The Nurse Anesthesia track requires a \$1,000 tuition deposit. All other M.S.N. tracks require a \$300 acceptance deposit.

Applicants accepted on an "alternative" basis will receive a full refund if status is not changed to "accepted" by the first day of class.

Graduation Requirements

1. Completion of the course work within each specified track.
2. A minimum grade point average of 3.0 for the required course of study.
3. File an application for graduation with the Graduate

Semester 4—Fall

Simulation Fee.....7.50

Semester 5—Spring

Semester 6—Summer

Semester 7—Fall

Semester 8—Spring

Semester 9—Summer

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* Personal Validation

Post-Master’s Certificate Program in Nursing Description

The School of Nursing endeavors to provide curricula that encourage individuals to pursue Christ-centered excellence in their nursing vocation as the future needs of the nursing profession come into view. The certificate program fits with the mission of the University to provide Christ-centered higher education that promotes excellence and character development in service to Church and society.

This program is ideal for nurses who have obtained their master’s degree in nursing in another advanced practice area and now find themselves in positions that require advanced preparation in either nursing education or nursing administration. For example, if an M.S.N. graduate with a major in nursing administration desired to acquire a certificate in nursing education, that individual could enroll in this program. Another example might be that of an individual with a nurse practitioner degree desiring advanced study in nursing administration.

Financial Information

Tuition is \$495 per semester hour for Education and Administration Post-Master's Certificate programs and \$460 for Nurse Practitioner Track. Full payment for a term is expected at the time of registration for classes.

Certificate/Program Completion fee: \$25

Any combination of the following payment methods is available:

1. Check, cash, or credit card.
2. Employer reimbursement.

507. A *Advanced Pathology II* (3)
Prerequisite: BIO 221 and 222

A continuation of 505 focusing on the normal complex physiological processes of blood components and the coagulation and the respiratory, renal, endocrine, digestive and nervous systems.

510. A *Human Gross Anatomy* (4)
Prerequisites: BIO 505 & 507, or BIO 221 & 222.

This course will incorporate the dissection of cadavers and viewing of anatomical models in understanding the nervous, endocrine, cardiovascular, respiratory, digestive, and urinary systems of the human body. Additional emphasis is placed on the needs of professional health care personnel.

Course Descriptions: Nursing (NUR)

507. C *Curriculum Development* (3)
This course will focus on the development of curricula using outcomes-based learning experiences by addressing individual attitudes, knowledge, and skills that are assessable, transferable and useful in a multicultural world.

515. A *Statistical Methods in Health Sciences* (3)
Prerequisite: undergraduate statistics
This course serves to build upon basic statistical knowledge and probability distributions; confidence intervals and classical hypothesis tests for one and two samples; analysis of variance; hypothesis tests for categorical variables; regressions and correlation; and nonparametric methods, all with an emphasis on applications in the health sciences. Appropriate statistical software will be utilized throughout the semester. This course will use online (MoodleRooms) method of delivery.

516. I *Information Technology in Health* (3)
This course is designed to provide the student with the knowledge and skills regarding the uses of information technology to support nursing practice, education, and leadership through a Christian worldview. The course will provide an overview of informatics topics including: computer systems and system development; standardized clinical terminology; informatics standards; electronic health records; retrieval and critical analysis of digital data, information, and knowledge; simulation strategies; and technology-aided instruction.

517. E *Essentials of Assessment in Nursing Practice* (3)
The purpose of this course is to examine models and methods of teaching and learning. Bio-psychosocial, spiritual, cultural influences that affect learning will be incorporated. The nursing process will be used as a framework for an outcome based teaching-learning session.

519. P *Principles of Nurse Anesthesia* (3)
An introduction to the role of the nurse anesthetist as an advanced practice nurse. The course presents the Christian worldview of nurse anesthesia, the historical development of anesthesia, anesthesia as a specialty of nursing, the role of the nurse anesthetist within the context of the health care system, legal aspects of anesthesia practice, current practice and health policy issues, the personal and professional impact of substance abuse, the role of professional organizations of nurse anesthesia.

521. B *Basic Principles of Anesthesia I* (3)
The presentation of basic cognitive and psychomotor concepts associated with the safe and effective practice of nurse anesthesia and their implication on preoperative, intraoperative, and postoperative surgical periods.

522. B *Basic Principles of Anesthesia II* (3)
A continuation of 521 addressing the implication of these learned concepts in relation to the preoperative, intraoperative, and postoperative surgical periods.

523. C *Community Practice in Health Assessment and Nursing Practice* (2)
This course is designed to prepare the student to apply evidence-based principles of wellness, disease prevention, and health risk in individuals, families, communities, and aggregate/clinical populations. The course also focuses on the study of culturally appropriate and holistic professional nursing care of persons in this pluralistic global society. Emphasis is placed on sensitivity to and respect for cultural diversity, communication, critical thinking, research, and theories of intercultural nursing.

525. I *Introduction to Advanced Nursing Practice* (3)
This course will integrate information about delivery systems, organizational mission, structure, culture, personnel motivation, management and networking. The focus will be on exploring these concepts from a nursing perspective and a wholistic Christian worldview.

526. T *Ethical and Bioethical Nursing* (2)
This course explores central ethical and bioethical questions in nursing and health care, critiques and applies nursing theory to the advanced practice nursing role in the delivery of equitable and culturally relevant health care.

528. Nursing Administration (3)

A general background to the elements and characteristics of health, administrative, criminal, civil law and the implications for nurse practicing in an administrative role looking at malpractice, risk management, tort law and tort reform, OSHA regulations, construction, organizational management, laws affecting subsidiary corporations and tax law. Emphasis will be placed on administration of human resources including labor and legal issues, collective bargaining, labor laws, and the design of effective policies and procedures to reflect these laws.

536E. Advanced Nursing Ethics (1)

Prerequisite: approved acceptance of an advanced theoretical concepts in nursing course without the ethical concepts component.

This course focuses on the application of ethical thinking to nursing practice with a Christian perspective.

529. Healthcare Mission (3)

This course affords the graduate nursing student the opportunity to be involved in the development and implementation of a short-term healthcare mission trip by serving in a transcultural healthcare setting. The educational service provided in the transcultural healthcare setting will be based on the student's nursing expertise and guided by the presence of a faculty member.

531. Anesthesia Pharmacology I (3)

An examination of the different classes of medications taken by surgical patients that may impact the practice of the nurse anesthetist including an overview of organic chemistry principles and how these apply to the anesthesia for the surgical patient. Adjunct anesthetic agents that impact the pharmacological principles associate with the administration of anesthetic agents will be presented.

532. Anesthesia Pharmacology II (3)

An extensive examination of the pharmacological principles associated with the administration of anesthetic agents. An understanding of the physiological impact on the body in relation to the absorptive, metabolic, and elimination processes of each anesthetic agent will be examined.

533. Advanced Nursing Research (3)

Prerequisite: NUR 511

This course emphasizes analysis and interpretation of clinical research and evidence based practice, preparing the student to use translational science in clinical decision making to improve patient outcomes. Specific aspects of the research process, quantitative and qualitative research, and systematic reviews will be studied.

535. Nursing Quality Management (3)

Prerequisite: NUR 525.

This course examines the quality of health care in relationship to nursing care delivery. It will include the concepts and information systems that are necessary in the identification, tracking, and evaluation of quality indicators. Emphasis is placed in terminology and information systems specific to nursing administration and quality.

547. P a C F a: H s P s (4)

Prerequisite: BIO 500. Pre- or Corequisite: NUR 544 and 622. The purpose of this course is to enhance knowledge and skill in diagnostic reasoning, advanced health assessment, health promotion, health maintenance and disease prevention with regard to the family. Students will explore family concepts and theories relevant to advanced nursing practice and research. Special emphasis will be placed on meeting goals and objectives of Healthy People 2010. Clinical experiences will provide opportunities in the community for students to develop advanced practice interventions to promote health and disease throughout the lifespan.

548. O s B s L (3)

Corequisites: NUR 535
This course provides an overview of organizational and nursing administration, patient care delivery systems, and nursing practice organization. Emphasis is on management principles and organizational processes applicable to quality work environments and the influence of the external and internal environment on these organization, and the role and relationship of nurse leaders to the nursing practice environment and to the greater organization.

551. C P a P s A s P s (3)

An exploration of the basic biochemical principles and laws of physics associated with the administration of anesthesia. Emphasis is placed on an understanding of the basic principles of chemistry, biochemical drug interactions, and laws of physics that explain the movement of substances throughout the body. The laws of physics will also be applied to the mechanical functioning of the anesthesia machine and other intraoperative equipment.

554. C P s I (5)

An introduction to the clinical practice of nurse anesthesia to begin the development of fundamental skills necessary to provide a safe and effective anesthetic. Critical thinking skills will be applied and developed through the synthesis of knowledge acquired from prior didactic coursework and simulation experiences. Pass/Fail grading.

557A. P a C A s/G s P s s (4)

557C. P a C C :H s P s (4)

Prerequisite: BIO 500; Pre- or Corequisite: NUR 544 and 622. Toward enhancing knowledge and skill in diagnostic reasoning, advanced assessment, health promotion, health maintenance and disease prevention of adult/geriatric populations (A) and children (C) with regards to family environment, special emphasis will be placed on meeting goals and objectives of Healthy People 2020. Clinical experiences will provide opportunities in the community for students to develop advanced practice interventions to promote health and disease prevention.

558. T s A s P s N s (2)

Prerequisite: NUR 555.
Prepares the student for transition from student role to Advanced Practice role; emphasis placed on professional topics such as reimbursement, licensure, credentialing, prescriptive privileges, interviewing for and securing employment, contract negotiation, and portfolio preparation. Also encompasses legal issues pertinent to the APN role.

559. R D s C s A s N s P s (2)

The purpose of this course is to enhance the student's knowledge of advanced nursing practice roles and interprofessional roles in healthcare delivery. Emphasis is on integrating philosophical inquiry, theory analysis, and translational research findings to improve healthcare outcomes for culturally diverse individuals and teams.

564. A s P s A s a (3)

This course builds on the basic sciences in examining the pathophysiology of major organ systems (e.g. cardiothoracic, hepatic, endocrine, and pulmonary) that are impacted by the administration of anesthetics.

565. A s T s (3)

This course introduces the ability of the student nurse anesthetist to integrate foundational anesthesia and scientific knowledge with learned clinical skills.

572. N s A s R s a (2)

Prerequisites: NUR 526, 528, 541, 542, 548, 595; Corequisite: NUR .615

A practicum experience designed for synthesis of theory and practice where students develop, implement, and evaluate advanced practice leadership strategies in a health care systems area of focus. An understanding of systems structures, processes, and outcomes is gained through practical experiences, personal reflection, and seminar discussions. Graded Pass/Fail.

574. C P s II (6)

The focus of this clinical is to solidify the process of implementing an organized, safe and effective approach for the administration of anesthesia for general types of surgical procedures. The student will assume increasing responsibility for the independent delivery of anesthesia care to the surgical patient. Clinical preceptors at the various institutions will provide direction and supervision based on required clinical experiences. Pass/Fail grading.

579. E s D s S s a P s (1-4)

All courses and their application must be defined and approved prior to travel.

580. S s a A s P s (1-4)

All courses and their application must be defined and approved prior to travel.

585-586-587. S s N s (1-6)

Group studies which do not appear in the school course offerings. Content will be determined by need.

593. N A P I (1)
 Experiential application of the concepts examined in Nursing Administration in a workplace setting with a preceptor in nursing management. Pass/Fail.

598. S (1-3)
 A non-lecture research and discussion course. Course content will be determined by need. To be used at the discretion of the department.

600. P C P P (2)
 Toward enhancing advanced practice skills in performing procedures such as casting, splinting, suturing, dermatologic procedures, and basic surgery techniques, the student will experience clinical presentations that highlight pathophysiological processes and psychological needs of adults and their families.

607. E A E P (3)
 While focusing on the systematic processes of assessment of learners' needs and methods of evaluation of educational outcomes, formative and summative methods of evaluation will be designed in relation to content as well as curricula of educational programs. In addition, methods of analysis and interpretation of data and uses of results are explored. Each aspect of the assessment and evaluation processes is used to guide future actions.

611. O A : P A C (2)
 An intense examination of the practice of obstetrical anesthesia emphasizing normal maternal and fetal changes of pregnancy, abnormal pathophysiological conditions of pregnancy, and anesthetic techniques and implications of obstetrical anesthesia.

612. P A : P A C (2)
 This course is an in-depth examination of the practice of pediatric anesthesia. An emphasis will be placed on normal growth and development of the newborn through fourteen years of age, common pathophysiological conditions of this age group, and anesthetic techniques and implications of pediatric anesthesia.

613. C /P A C (3)
 An intense examination of the practice of intrathoracic anesthesia for adult surgical patients, this course will focus on pathophysiological conditions and surgical procedures associated with the heart and pulmonary systems that may impact the delivery of anesthesia. Anesthetic implications and techniques will be presented based on the noted conditions.

614. N A : P A C (2)
 An in-depth examination of the practice of neurosurgical anesthesia in the adult population with emphasis on common pathophysiological conditions associated with neurological disorders. Anesthetic techniques and implications will be presented based on neurological conditions and surgical procedures.

615. R M (3)
 The management of resources in the health care environment. Focus is managing the revenue and expense aspects of the budget and the management of personnel. This course provides guidelines for professional self-assessment of financial management.

617. P C F : P W H (4)
 P : BIO 500; P C : NUR 544 622.

Designed to enhance knowledge and skills related to management of maternal child health care, this course emphasizes acute episodic and chronic conditions in the context of primary care. Management consists of identifying, monitoring, treating and maintaining health care problems in children and child-bearing women utilizing research and evidence-based practice. Clinical experiences will provide opportunities in a variety of primary care settings.

622. A P (3)
 This course is designed to expand the student's knowledge and understanding of pharmacotherapeutics and pharmacokinetics of broad categories of pharmacologic agents. The purpose of the course is to provide the student with pharmacologic knowledge and skills needed to assess, diagnose, and manage a client's health problems in a safe, high quality, and cost-effective manner. This course will also cover professional, legal and ethical issues pertinent to the prescription and monitoring of pharmacologic agents.

625. T /L T : L (4)
 Examine models and methods of teaching and learning, learner characteristics at each developmental stage and how these influence learning will be incorporated using the nursing process as its framework.

627A. P C A /G P A M (4)

627C. P C : A M (4)
 Prerequisite: NUR 544; Pre- or Corequisite: NUR 622 and BIO 500.

The purpose of this course is to develop advanced practice knowledge and skill in the accurate diagnosis and management of acute health care problems in adult/geriatric populations (A) and children (C) with consideration of the family environment. Management consists of identifying, monitoring and treating acute health care problems utilizing scientific research and evidence-based practice. Clinical experiences will provide opportunities in various acute and community based settings.

