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 specialty 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:
1. Completion of a baccalaureate degree in nursing from an accredited program
2. Official transcript(s) from all undergraduate and graduate coursework attempted
3. Proof of current unencumbered RN licensure.
4. Interview with the Nursing Graduate Admissions Selection Committee
5. Three letters of professional/academic reference specifying the applicant's capabilities for graduate study. One letter of reference must be from the applicant's immediate supervisor.
6. Completed application with application fee of $50.00
7. Last 60 hours cumulative GPA of 3.0 on a 4.0 scale
8. Completion of undergraduate statistics course
9. Cleared criminal background check
10. Clean drug screen

Additional admission requirements for the nurse anesthesia track include:
12. At least 1 year of critical care experience as a registered nurse.
13. Eligible for RN licensure in TN, KY, and MS.

Students admitted to the program must have and maintain while in the program:
1. Current CPR certification
2. Evidence of Hepatitis B, MMR, polio and tetanus vaccination
3. Rubella and varicella titers or proof of immunization
4. Freedom from tuberculosis as evidenced by a negative PPD or health provider examination
5. Current ACLS and PALS certifications (Nurse Anesthesia only)
6. Health insurance
Conditional Admission

Applicants who do not meet the regular admission requirements to the M.S.N. program may be admitted conditionally at the discretion of the M.S.N. Graduate Admissions Committee. Conditional admission will require contractual agreement between the applicant and the Graduate Admissions Committee. The contract will specify the conditions and deadlines that must be met to matriculate to the regular M.S.N. program.

Transfer of Credit

Graduate credit for courses earned at a regionally accredited college or university or at a foreign college or university may be transferred to Union University if the courses are essentially the same as those required in the M.S.N. program. Such transfer credit will not be allowed for courses used to satisfy another degree at another institution. The maximum number of semester hours that may be transferred to Union University and applied to the M.S.N. degree is nine.

Applicants may take a maximum of two M.S.N. core courses prior to being enrolled in their respective M.S.N. track cohort. Enrollment in core nursing courses does not guarantee acceptance into a specific track.

No grade less than “B” may be transferred. Courses taken more than five years before beginning the M.S.N. program at Union University will be considered on an individual basis.

Academic Standards, Requirements for Progression, Probation, and Dismissal

After completion of 9 graduate hours at Union University, a graduate student whose cumulative GPA from courses taken at Union University for graduate credit is below 3.0 will be placed on academic probation. A student placed on academic probation has one semester to increase his or her GPA to 3.0 or greater to be removed from a probationary status.

If the student fails to increase his or her GPA to 3.0 or greater during the following semester, the student will be dismissed from the M.S.N. Program. Students will also be dismissed if they receive an “F” (i.e. any grade below a “C”) in any course.

Students must maintain an overall B average. The program faculty recognize that situations may arise which prevent students from successfully matriculating through the program. Students who are concerned about their academic standing should contact his or her advisor. If it appears the student may not be able to achieve a minimum passing grade in a course they may be encouraged by the Chair of graduate program to withdraw from the program. This can potentially prevent the student from acquiring an F on their Union University transcript if the dropped class occurs prior to the deadline listed on the academic calendar (“last day to drop a class”). All students who withdraw or who are academically dismissed from the program can reapply for admission. However, readmission is not guaranteed. In order to graduate with the M.S.N., students are required to have a minimum GPA of 3.0 for all courses taken for graduate credit at Union University.

Financial Information

Tuition is $510 per semester hour for the Education and Administration tracks. Tuition for Nurse Practitioner Tracks is $490 per semester hour. Tuition for the Nurse Anesthesia Track is $745 (new students only) per semester hour. Full payment for a term (winter, fall, spring, summer, or other non-regular term) is expected at the time of registration for classes.

Application Fee: $50
Graduation Fee: $25
Insurance fee per year (excluding Nurse Anesthesia): $25
Insurance Fee, Nurse Anesthesia: variable
Binding of Thesior or Scholarly Project: $45
Course Tracking System: $75
Case Tracking System (NAT): $150
Sitting fee for composite picture of class: $35
Cap and Gown Rental: approx. $150
Criminal Background check: $70
Urine Drug Screen: $25
Simulation Fee/Nurse Anesthesia: $3000
NUR 600 Lab Fee: $50

Any combination of the following payment is available.
1. Check, cash, or credit card. The latter is subject to a convenience fee of 2.5%.
2. Federal Stafford loan
3. Employer reimbursement
4. FACTS (an electronic monthly draft from a savings or checking account)

Books cost approximately $150 per course and are purchased from LifeWay Christian Stores.

Federal Stafford Loan

The Stafford loan application process will require that you:

1. Complete and forward the FAFSA (Free Application for Federal Student Aid) to the federal government with Union University’s code of 003528.
2. Complete a Union Financial Aid Application and a Stafford Master Promissory Note and forward to the Union University Student Financial Planning Office.
3. For more information, contact the Student Financial Planning Office at 731-661-5015.

If Federal Stafford loan is not approved and available at the time of registration, the student must assume the cost by paying in full by check, cash, credit card, or FACTS.
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. These deposits are non-refundable if the student elects not to enroll. 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 Nursing Office. The application deadline is October 1 for students who plan to complete degree requirements for December graduation. The deadline for August graduation is May 1.
4. Pay in full the student’s account in the Business Office
5. Discharge all other obligations (finances, credentials, fees, etc.) at the University.

M.S.N., Education, Administration, Nurse Practitioner Tracks
(Available on Jackson and Germantown Campuses)
I. M.S.N. Core Requirements (for programs other than anesthesia)—17 hours
   A. NUR 515, 516, 523, 526, 533, 559, 545
II. Education Track—41 hours
   A. Complete the M.S.N. Core (above)
   B. BIO 500; NUR 507, 517, 537, 544, 607, 622, 538, 642
III. Administration Track—39 hours
   A. Complete the M.S.N. Core (above)
   B. Specialty: 525, 528, 535, 607, 615, 693A, 695B

IV. Nurse Practitioner—46 hours
   A. Complete the M.S.N. Core (above)
   B. Advanced Practice Core: BIO 500; NUR 544, 558, 600, 622, 650
C. Specialty
   Pediatric
   1. NUR 557C, 627C, 638C
   2. Select one: NUR 507, 517, 525, 528, 529, 535, 607, 615, 696, 697
   Adult
   1. NUR 557A, 627A, 638A
   2. Select one: NUR 507, 517, 525, 528, 529, 535, 607, 615, 696, 697
   Family
   1. NUR 547, 617, 639
   2. Select one: NUR 507, 517, 525, 528, 529, 535, 607, 615, 696, 697

M.S.N., Nurse Anesthetist Track—73 hours
(Available only on the Jackson Campus)
I. Complete the M.S.N. Core (above)
II. BIO 505, 507, 509
III. NUR 519, 521, 522, 531, 532, 543, 551, 565, 571
IV. NUR 611, 612, 613, 614, 653, 691
V. Choose one of: NUR 507, 525, 529, 696, 697.

Estimated Costs During the Nurse Anesthesia Track
Tuition per semester hour ...........................................$725

Semester 1—Winter
Textbooks ................................................................. 300
Lab Fees ..................................................................... 750
Background Check ..................................................... 50
Simulation Fee ............................................................ 750

Drug Screenings ......................................................... 15
AANA Student Membership ....................................... 100
ACLS/PALS Certification .......................................... 150
Course Tracking System ............................................. 50
*Personal Health Insurance ................................. Validate

Semester 2—Spring
Textbooks ................................................................. 300
Lab Fees ..................................................................... 750
Lab Coat ..................................................................... 50
Stethoscope .............................................................. 100
Ear Molds ................................................................. 50
Simulation Fee ............................................................ 750

Semester 3—Summer
Textbooks ................................................................. 300
Lab Fees ..................................................................... 750
Medatrak Tracking System .................................... 150
Simulation Fee ............................................................ 750
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.

A Post-Master's Certificate in Nursing is not available for the Nurse Anesthesia track.

Mission Statement

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Program Outcomes

The nursing education certificate prepares nurses for educator positions in various settings such as staff development, patient education, schools and colleges. The nursing administration certificate prepares nurses for a variety of administrative and leadership positions in health care delivery systems. The nurse practitioner certificate prepares nurses to serve in a variety of clinical practices.
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.
3. FACTS (and electronic monthly draft from a savings or checking account) The cost of books is approximately $150 per course.

Employer Tuition Reimbursement Policies
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 for classes.
3. If the employer provides partial reimbursement directly to the university, the student must pay his/her portion of the tuition at the time of registration.
4. The university will provide any required information to an employer when requested by the student.

Certificate Program Completion Requirements
1. Must demonstrate evidence of completion of MSN core through an accredited MSN Program.
2. Completion of the specialty curriculum for Post-Master’s Certificate.
3. A minimum grade point average of 3.0 in the certificate course work.
4. Filing an application for graduation by the published deadline.
5. Payment in full of the student account.
6. Discharge of all other obligations to the university.

Curriculum
I. Post Master’s Certificate in Nursing Administration —25 hours
   A. NUR 525, 528, 535, 548, 593
   B. NUR 615, 693A, 695B
   C. Minimum Residency (24 semester hours) includes 525, 528, 535, 548, 593, 615, 693A, 695B, and 400 clinical hours.
II. Post Master’s Certificate in Nursing Education—27 hours
   A. BIO 500; NUR 507, 517, 537, 538, 544
   B. NUR 607, 622, 642
   C. Minimum Residency (16 semester hours) includes NUR 507, 517, 537, 538, 607, 642 and 380 clinical hours.
III. Post Master’s Certificate in Family Nurse Practitioner (FNP)—34 hours
   A. BIO 500; NUR 544, 547
   B. NUR approved 558, 600, 622, 646, 650
   C. Select one: NUR 507, 517, 525, 528, 529, 535, 607, 615, 696, 697
   D. Minimum Residency (16 semester hours) includes BIO 500; NUR 544, 547, 558, 600, 617, 639, 650 and 560 clinical hours
IV. Post Master’s Certificate in Nurse Practitioner (See degree for peds and adult)—34 hours
   A. BIO 500; NUR 544, 555
   B. NUR 558, 600, 622, 650
   C. Select one: NUR 627A or 627C
   D. Select one: NUR 557A or 557C
   E. Select one: NUR 638A or 638C
   F. Select one: NUR 507, 517, 525, 528, 535, 598, 607, 615, 696, 697
   G. Minimum Residency (16 semester hours) includes BIO 500; NUR 544, 600, 622, 650, 627A or C, 557A or C, 638A or C, and 560 clinical hours.

Master of Science in Nursing-Nurse Anesthetist Track as a Second M.S.N.—58 hours
(Available only on the Jackson Campus)
The M.S.N.-NA can be earned as a second Master of Science in Nursing by completing coursework unique to the program:
   A. BIO 505, 507, 509
   B. NUR 519, 521, 522, 531, 532, 543, 551, 565, 571
   C. NUR 611, 612, 613, 614, 653
   D. NUR 691—4 hours
   E. NUR 691—4 hours
   F. Select one: NUR 507, 517, 525, 528, 535, 607, 615, 696, 697
   G. Minimum Residency (16 semester hours) includes BIO 500; NUR 544, 600, 622, 650, 627A or C, 557A or C, 638A or C, and 560 clinical hours.

Course Descriptions: Biology (BIO)
500. Advanced Pathophysiology (2)
Building on a basic knowledge of pathophysiology, the student will analyze the mechanisms and symptoms of illness to provide advanced theoretical understanding of disease states and health problems.

505. Applied Anatomy & Physiology I (3)
An intensive examination of the human body that addresses the normal complex physiological processes of the cell, fluids and electrolytes, acid-base balance, temperature regulation, vascular hemodynamics, mobilization of fluids through the body and lymphatic system, musculoskeletal systems and function of the myocardium. The acquired information will provide the student with a body of knowledge to critically evaluate co-existing conditions of the surgical patient.
507. Applied Anatomy & Physiology II (3)
Prerequisite: BIO 221 and 222.
A continuation of 505 focusing on the normal complex physiological processes of blood components and coagulation and the respiratory, renal, endocrine, digestive and nervous systems.

510. Advanced 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. Curriculum Design (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. Advanced Statistics for the Health Sciences (3)
Prerequisite: undergraduate statistics
This course serves to build upon basic statistical knowledge. Topics include a review of descriptive statistics, probability, 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. Informatics and Healthcare (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. Educational Strategies in Advanced 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. Professional Aspects of Nurse Anesthesia Practice (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. 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. 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. Clinical Prevention and Population Health in Advanced 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. Introduction to Administrative 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. Theory and Ethics for Advanced Nursing Practice (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 and the Law (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.

529. Healthcare and Missions (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 associated 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 and Evidence-Based Practice (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 healthcare 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.

536E. Advanced Ethical Concepts in Nursing (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.

537. Nursing Education Practicum (2)
Clinical introduction to the nurse educator practical experience. It involves application of educational theories and holistic nursing practice.

538. Clinical Strategies for Nurse Educators (3)
Prerequisites: NUR 507, 511, 517, 526, & 544, and BIO 500.
An overview of clinical management of patients throughout the lifespan. Opportunities are provided for students to integrate theory, research and evidence based practice in a specialized clinical setting under the direction of a preceptor with specialty expertise.

543. Advanced Anesthesia Pathophysiology (3)
Pathophysiology of major systems that are impacted by administration of anesthetics. Students will also acquire skills in interpretation of hemodynamic data, simulated placement of invasive lines, instrumentation of the airway, and preparation for preliminary clinical experiences. Advanced ECG interpretation and associated pharmacology will be covered along with cardiac auscultation techniques. Additional emphasis and illustration of learned principles will be given via experience with the human patient simulator.

544. Advanced Health Assessment (3)
The course focuses on advanced health/physical assessment of the client where the client is defined as the individual and includes the individual's context within the family and/or community. Focus of the course is on comprehensive history, physical/psychological assessment, pathophysiology, and health promotion strategies incorporating the individual's cultural and developmental variations.

545. Health Systems and Leadership for Advanced Nursing Practice (2)
This course provides an overview of organization concepts, healthcare economic theory, health systems, communication and other leadership principles needed by the nurse in advanced practice. Emphasis is on the foundational skills and competencies needed by the master's prepared nurse.
547. Primary Care of Family: Health Promotion (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. Organizational Behavior and Leadership (3)
Corequisites: NUR 535
This course provides an overview of organizational
concepts, theories, perspectives, and research relevant to
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. Chemical and Physical Principles of Anesthesia
Practice (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. Clinical Practicum 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. Primary Care of Adult/Geriatric Populations:
Health Promotion (4)
557C. Primary Care of Children: Health Promotion (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. Transitions to Advanced Practice Nursing (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,
prerative privileges, interviewing for and securing
employment, contract negotiation, and portfolio preparation.
Also encompasses legal issues pertinent to the APN role.

559. Role Development and Collaborative Strategies
in Advanced Nursing Practice (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. Advanced Principles in Anesthesiology (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. Anesthesia Techniques (3)
This course introduces the ability of the student nurse
anesthetist to integrate foundational anesthesia and
scientific knowledge with learned clinical skills.

572. Nursing Administration Residency (2)
Prerequisites: NUR 526, 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
healthcare 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. Clinical Practicum 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. External Domestic Study Programs (1-4)
All courses and their application must be defined and
approved prior to travel.

580. Study Abroad Programs (1-4)
All courses and their application must be defined and
approved prior to travel.

585-586-587. Special Studies in Nursing (1-6)
Group studies which do not appear in the school course
offerings. Content will be determined by need.
593. Nursing Administration Practicum I (1)
Experiential application of the concepts examined in Nursing Administration in a workplace setting with a preceptor in nursing management. Pass/Fail.

598. Seminar (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. Primary Care Provider Procedures (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. Educational Assessment and Evaluation Processes (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. Obstetrical Anesthesia: Perspectives of Anesthetic Care (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. Pediatric Anesthesia: Perspectives of Anesthetic Care (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. Cardiovascular/Pulmonary Anesthesia: Perspectives of Anesthetic Care (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. Neurosurgical Anesthesia: Perspectives of Anesthetic Care (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. Resource Management (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. Primary Care of Family: Pediatric and Women’s Health (4)
Prerequisite: BIO 500; Pre- or Corequisite: NUR 544 and 622.
Described 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. Advanced Pharmacology (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. Teaching/Learning Through the Lifespan (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. Primary Care of Adult/Geriatric Populations: Acute Management (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.
638A. Primary Care of Adult/Geriatric Populations: Chronic Management (4)

Prerequisite: NUR 544; Pre- or Corequisite: NUR 622 and BIO 500.
The purpose of this course is to enhance advanced practice knowledge and skills in the diagnosis and management of chronic health care problems in adult/geriatric populations (A) and children (C) with consideration to the family environment. Management consists of identifying, monitoring, treating, and maintaining chronic health care problems utilizing principles of research and evidence-based practice. This course will also review theories and factors of chronic illness, content surrounding the process of referral and development of practice guidelines. Clinical experiences will provide opportunities in community and hospital based settings.

638C. Primary Care of Children: Chronic Management (4)

Prerequisite: NUR 544; Pre- or Corequisite: NUR 622 and BIO 500.
The purpose of this course is to enhance advanced practice knowledge and skills in the diagnosis and management of chronic health care problems in adult/geriatric populations (A) and children (C) with consideration to the family environment. Management consists of identifying, monitoring, treating, and maintaining chronic health care problems utilizing principles of research and evidence-based practice. This course will also review theories and factors of chronic illness, content surrounding the process of referral and development of practice guidelines. Clinical experiences will provide opportunities in community and hospital based settings.

639. Primary Care of Family: Acute/Chronic Management (4)

Prerequisite: BIO 500; Pre- or Corequisite: NUR 544 and 622.
The purpose of this course is to enhance knowledge and skills in the diagnosis and management of chronic and acute health care problems in families. Management consists of identifying, monitoring, treating, and maintaining acute and chronic family based health care problems utilizing principles of research and evidence based practice. The student will review theories and factors of chronic illness within the context of the family. The process of referral and development of practice guidelines will also be discussed. Clinical experiences will provide opportunities in community and hospital based settings.

642. Nursing Education Residency (2)

Clinical culmination of the nurse educator clinical experience. It involves application of educational theories and wholistic nursing practice. Practice experiences are designed to synthesize knowledge and skills and to enable the advanced practice nurse to meet individual practice outcomes and career goals.

647. Nursing Specialty III (2)

Prerequisite: Nursing Specialty I and II
An intense study of the various pathophysiological conditions encountered in the practice of a Clinical Nurse Specialist. The emphasis is on knowledge, theory, and integration of practice concepts that support the nursing process in becoming an effective health care provider.

650. Specialty Focus Practicum (2)

Prerequisite: NUR 546A or 546C, and NUR 616; Corequisite: NUR 626A or 626C, and NUR 636A or 636C
This clinical course will allow students to gain clinical experience in a specific population with the goal for the student to synthesize knowledge and skills gained in core and previous specialty courses and to apply knowledge in the clinical setting. Clinical experiences will be available in a wide variety of subspecialties such as neurology, nephrology, endocrinology, gastroenterology, cardiology, dermatology, oncology, pulmonology, orthopedics, and internal medicine. Graded Pass/Fail.

655. Independent Study (1-4)

Individual research and study under the guidance of a graduate faculty member.

691. Nurse Anesthesia Clinical Residency (1)

This clinical course will expose the student to specialty types of anesthetic type management in the areas of obstetrics, pediatrics, cardiology and neurology. In addition, the student will develop the understanding of complex anesthetic management through interaction with patient simulation.

693A. Nursing Administration Practicum II (2)

Prerequisite: NUR 525, 594; Corequisite: NUR 535.
This course will integrate didactic material from previous courses with administrative practice. The focus is the dynamic combination of administrative theory, quality management, health care economics, organizational behavior, and information systems through mentoring and field experience. Emphasis will be placed on developing practice and decision-making skills that are excellence driven, Christ-centered, people-focused, and future-directed. Graded Pass/Fail.

695B. Nursing Administration Practicum III (2)

Prerequisites: NUR 525, 594, 694A
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.

696. Thesis (3)

Prerequisites: NUR 514, 530.
This course enables the implementation of the research proposal developed in the nursing research course. This project will focus on a problem in a school/college of nursing or health care delivery system. The subject of health care improvements is emphasized through nursing research utilization. Pass/Fail.

697. Scholarly Project (3)

Prerequisites: NUR 514, 530.
Through the completion of the scholarly project the student will identify, analyze, synthesize and utilize knowledge related to a health care issue in a school/college of nursing or health care delivery system. Application of critical thinking and nursing research utilization in this project will result in improved health care outcomes. Pass/Fail.