

This program is ideal for nurses who have obtained their master's or doctoral degree in nursing in another area and now find themselves in positions that require advanced preparation in nursing education, nursing administration, nurse practitioner, or nurse anesthetist. For example, if an MSN 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 MSN is preferred for application to the Post-graduate DNP. Additional coursework may be required upon evaluation of transcripts for students with a master's degree in a field other than nursing. A DNP is required for application to the post-graduate CRNA certificate program.

## **Mission Statement**

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

## **Program Outcomes**

The nursing education certificate prepares nurses for educator positions in various settings such as staff development, patient education, schools and colleges. The

Students admitted to the program must have and maintain while in the program:

1. Current CPR certification for NP and Education students only
2. Evidence of Hepatitis B, MMR, polio and tetanus vaccination

3. Varicella titer showing active immunity
4. Freedom from tuberculosis as evidenced by a negative PPD or health provider examination
5. Health insurance

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## Financial Information

Tuition is \$560 per semester hour for Post-Master's Certificate programs and \$840 for post-graduate DNP programs. Full payment for a term is expected at the time of registration for classes.

General Student fee: \$200

A 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.
- All financial information is subject to change without notice.

## 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 or DNP core through an accredited MSN or DNP Program.
2. Completion of the special curriculum for Post-graduate Certificate.
3. A minimum grade point average of 3.0 in the certificate coursework.
4. File an application for graduation with the Graduate Nursing Office by the published deadline.
5. Pay in full the student's account in the Business Office.
6. Discharge all other obligations (fines, credentials, fees, etc.) at the University.

## Curriculum

- I. Post-graduate Certificate Nursing Administration 22 hours  
A. NUR 525, 528, 535, 548, 572, 593  
B. NUR 615, 693A, 695B  
C. Minimum Residency (22 semester hours) includes 525, 528, 535, 548, 593, 615, 693A, 695B, 572, and 400 clinical hours.
- II. Post-graduate Certificate Nursing Education 24 hours  
A. BIO 500; NUR 507, 517, 537, 538, 544  
B. NUR 607, 622, 642  
C. Minimum Residency (14 semester hours) includes NUR 507, 517, 537, 538, 607, 642 and 380 clinical hours
- III. Post-graduate Certificate Nurse Practitioner 29 hours  
A. BIO 500; NUR 544, 622  
B. Special courses:
  1. FNP: NUR 547, 600, 617, 639, 650
  2. PNP: NUR 557C, 600, 627C, 638C, 650
  3. Adult/Geriatric NP: NUR 557A, 600, 627A, 638C, 650
  4. Family Psychiatric Mental Health: NUR 566, 650, 651, 652, 653, 654
- C. Minimum Residency (16 hours; except Family Psychiatric Mental Health, which is 19 hours) includes all special courses and 560 clinical hours
- IV. Post-graduate Certificate Nurse Anesthesia 48 hours  
A. BIO 500, NUR 544, 622 (Completion requirements reviewed on a case-by-case basis)  
B. BIO 505, 507, 509; NUR 524, 612, 614  
C. Special courses: NUR 519, 532, 534, 554, 574, 609, 611, 613, 691  
D. Minimum Residency (29 hours) includes all special courses and associated clinical hours.

## Course Descriptions: Biology (BIO)

### 500. *Cellular Biology* (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. *Human Physiology & Pathophysiology* (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 acute-existing conditions of the surgical patient.

### 507. *Human Physiology & Pathophysiology* (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.

### 508. *Human Physiology & Pathophysiology* (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)

### 501. *Professionalism* (3)

This course will focus on the development of curricular learning outcomes-based learning experiences by addressing individual attitudes, knowledge, and skills that are assessable, transferable and self-reliant in a multicultural world.

### 515. *Biostatistics* (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. *Health Informatics* (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.

**52. *Pharmacology of Anesthesia* (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.

**532. *Pharmacology of Anesthesia* (3)**

An evidence 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. *Pharmacology of Anesthesia* (3)**

Prerequisite: NUR 515

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.

**534. *Pharmacology of Anesthesia* (3)**

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

**535. *Pharmacology of Anesthesia* (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 on terminology and information systems specific to nursing administration and quality.

**53. *Pharmacology of Anesthesia* (2)**

Clinical introduction to the nursing educator practical experience. It includes application of educational theories and holistic nursing practice.

**53. *Pharmacology of Anesthesia* (3)**

Prerequisites: NUR 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 specialized expertise.

**544. *Pharmacology of Anesthesia* (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 across the lifespan.

**545. *Pharmacology of Anesthesia* (2)**

This course provides an overview of organizational 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.

**54. *Pharmacology of Anesthesia* (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 Health People 2020. Clinical experiences will provide opportunities in the community for students to develop advanced practice interventions to promote health and disease throughout the lifespan.

**54. *Pharmacology of Anesthesia* (3)**

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 organizations, and the role and relationship of nurse leaders to the nursing practice environment and to the greater organization.

**554. *Pharmacology of Anesthesia* (1)**

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.

**55. *Pharmacology of Anesthesia* (4)**

Prerequisite: BIO 500; Pre- or Corequisite: NUR 544 and 622.

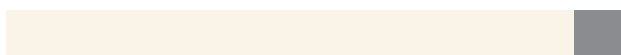
To expand enhancing knowledge and skill in diagnostic reasoning, advanced assessment, health promotion, health maintenance and disease prevention of adult/geriatric populations (A) and children (C) with regards to family environment, special emphasis will be placed on meeting goals and objectives of Health People 2020. Clinical experiences will provide opportunities in the community for students to develop advanced practice interventions to promote health and disease prevention.

**55. *Pharmacology of Anesthesia* (2)**

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

55 . . . . . (2)

The purpose of this course is to enhance the student's knowledge of advanced nursing practice roles and





20. **Philosophical Underpinnings of the Christian Worldview (3)**

The philosophical underpinnings of the Christian worldview as it applies to faith and science in the arena of health care. An understanding of faith as the basis for hope and humanity in delivering quality health care will be discussed while incorporating the quantitative analysis of scientific principles.

25. **Health Care Legislation and Policy (3)**

To prepare the student to critically evaluate the relationship between problems in health care legislation and the development of economic, political, social, and ethical issues that impact nursing. Students will synthesize the components of the Christian worldview related to issues in health care legislation and apply this philosophy to the development of effective health care policies. Students will be prepared to enact, scale, responsible and effective changes in local, state and national health care policies.

2. **Course Objectives (3)**

The purpose of this course is to prepare the student for