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## Post-Graduate Certificate Program in Nursing Description

The College of Nursing and Health Sciences 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 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



## 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 237.054723009 Te7D 9678-161 (uf )-0.7 (ppl 6

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

558. Transitions to Advanced Practice Nursing (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, 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.
566. Models and Theories for Family Psychiatric Mental Health Nursing (2) F This course focuses on conceptual models and theories related to the practice of psychiatric and mental health care. Concepts of development and individual functioning provide a theoretical basis for understanding the development of psychopathology and the selection of psychotherapeutic interventions across the lifespan.
572. Nursing Administration Residency (2) Prerequisites: NUR 593, 693A, 695B 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. Clinical Practicum II (2) 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.
- 579PF. External Domestic Study Programs (Pass/Fail) As Needed All courses and their applications must be defined and approved prior to registering.
580. Study Abroad Programs (1-4) All courses and their application must be defined and approved prior to travel.
- 580PF. Study Abroad Programs (Pass/Fail) As Needed All courses and their applications 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 College course offerings. Content will be determined by need.
593. Nursing Administration Practicum I (1) Experiential application of the concepts examined in Introduction to Administrative Nursing Practice 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) Towaren-US

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. 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. 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 across the lifespan. This course will also cover professional, legal and ethical issues pertinent to the prescription and monitoring of pharmacologic agents.

650. Specialty Focus Practicum (2)

Prerequisite: NUR 546A or 546C, and NUR 616; Corequisite: Disorders: Adult and Geriatric Populations (4) S  
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. This course may be repeated for credit.

654. Management of Acute and Chronic Mental Health

Disorders: Adult and Geriatric Populations (4) S  
Prerequisites: NUR 544, NUR 622

Corequisite: NUR 652  
This course will examine the major psychopathologies in children and adolescents including epidemiology, cultural and spiritual beliefs, specific assessment issues and tools, as well as evidence-based therapies. Interventions include psychopharmacologic as well as psychotherapeutic approaches (including psychotherapy)

651. Mental Health Assessment and Diagnostic Reasoning Across the Lifespan (4) S

Prerequisites: BIO 500, NUR 544

This course focuses on the assessment and diagnosis of mental health disorders across the lifespan. Advanced assessment techniques include observation, interviewing, as well as the appropriate use of a variety of screening tools and assessment guides and diagnostic data. Students are introduced to current Diagnostic and Statistical Manual (DSM) criteria. Clinical experiences provide students with opportunities to integrate content in the care of patients across the lifespan.

652. Psychopharmacology Across the Lifespan (3) Su

Prerequisites: NUR 544, NUR 622

This course builds on advanced pharmacology with the introduction of neurobiologic, genetic, and environmental theories of mental health disorders. The course emphasizes evidence-based practice and research-based data in the use of medications for mental health disorders across the lifespan. The course focuses on safety, therapeutic outcomes, recognizing and managing side effects, and medication management as part of a comprehensive treatment plan. The course will also cover appropriate laboratory and other diagnostic data that impact medication selection.

653. Management of Acute and Chronic Mental Health

Disorders: Children and Adolescents (4) Su

Prerequisites: NUR 544, NUR 622

Corequisite: NUR 652

This course will examine the major psychopathologies in children and adolescents including epidemiology, cultural and spiritual beliefs, specific assessment issues and tools, as well as evidence-based therapies. Interventions include psychopharmacologic as well as psychotherapeutic approaches (including psychotherapy) and combinations of therapies in the care of children and adolescents with mental health disorders. The psychiatric and emotional health of children, adolescents and their parents/ caretakers will be explored through developmental, interactional, behavioral, and psychobiological models. This course will also address health promotion and legal/ethical aspects in the treatment of children and adolescents. Clinical experiences will facilitate the implementation and evaluation of therapeutic interventions in a variety of clinical settings.

705. Organizational Leadership and Management (3)  
Provides opportunities to examine the leadership and management principles essential in providing a Christ-centered health care environment. Focus will be operational principles, organizational theory, and principles of organizational behavior in establishing a Christ-centered organization and practice.

710. Methods for Evidence-Based Practice (3)  
Provides the opportunity for synthesis and evaluation of evidence-based clinical practice and focuses on critique of literature, evaluation of clinical practice, and effective dissemination of evaluation findings. The student will use evidence-based health care as the springboard for discussion of issues in contemporary research.

715. Technological Transformations of Health Care (3)  
Designed to prepare the student to evaluate current health care technology and its effect on health care outcomes. The student will analyze and apply today's information technology, clinical technology, and simulation technology within the health care



780. DNP Study Abroad (1-6)

All courses and their application must be defined and approved prior to travel. Course may be repeated for credit with distinct content.

780PF. Study Abroad Programs (Pass/Fail) As Needed

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