2023-2024 Student Catalog Addendum

The information below only applies to students matriculating in the DNPNA degree program between July 1, 2024 – June 30, 2025.

College of Nursing

Implemented in 2024, the Doctor of Nursing Practice (DNP) degree program for Roseman University of Health Sciences will fulfill a national call to elevate the academic preparation of the advanced practice registered nurse to the terminal degree. This DNP program is designed to educate advanced practice registered nurses at the highest level of nursing practice and prepare future nurse leaders for the complex and rapidly changing healthcare environment as either Certified Registered Nurse Anesthetists or Family Nurse Practitioners. The DNP curriculum places a focus on evidenced-based care, quality improvement, safety, informatics, ethics, systems leadership, and access to care for populations. Graduates of this program will be prepared to be leaders within the healthcare field, assuring the delivery of safe and quality care.

Tuition And Fees

College Of Nursing (DNP-NA) – Henderson, Nevada
Total Tuition and Fees for Classes beginning July 2024
Tuition and Fees are charged per academic year

DNPNA-1 (First Year) Students
Tuition: 49,000
Seating Deposit: $2,500
Technology Fee: $500
Instructional Material Fee: $3,000
Health Insurance: $3,822.00 (Waived if student provides required proof of insurance by deadline provided by Student Services Office)

Accreditation

The Nurse Anesthesiology Program at Roseman University of Health Sciences is accredited by the Council on Accreditation (COA) of Nurse Anesthesia Education Programs, which may be reached at 10275 W. Higgins Rd., Suite 906, Rosemont, IL 60018-5603 or at (224) 275-9130.

The Doctor of Nursing Practice program at Roseman University of Health Sciences is pursuing initial accreditation by the Commission on Collegiate Nursing Education (http://www.ccneaccreditation.org). Applying for accreditation does not guarantee that accreditation will be granted.

Overview

The 3-year, full-time Doctor of Nursing Practice Nurse Anesthesia (DNPNA) degree is a clinical focused program designed to prepare advanced practice registered nurses at the highest level of nursing practice as nurse anesthetists. The DNP is a terminal degree within the profession of nursing that prepares advanced practice registered nurses for the complex and rapidly changing healthcare environment. The DNP curriculum places a focus on evidenced-based care, quality improvement, safety, informatics, ethics, systems leadership, and access to care for populations.

Graduates of this program will be prepared to be leaders within the healthcare field, assuring the delivery of safe and quality care.

Year 1
Most of the first year will be didactic delivered via in-person classroom and online courses at our Hender-son, NV campus culminating in a short clinical component. The didactic content will be a mix of DNP essentials coursework, foundational science courses, and core advanced practice coursework.

Year 2
The curriculum becomes a blended clinical and didactic curriculum in the second year. Students will be divided up into satellite clinical rotations generally within one state or geographical region to minimize travel. Didactic coursework will ramp down but will continue with the focus shifting toward the DNP scholarly project and progressive anesthesia skill acquisition and will be less frequent.

Year 3
Year three of the program will be focused on full-time clinical rotations, a few more DNP essentials course-work, and the transition to an advance practice nursing role and focused on National Certification Examination (NCE) reviews. The curriculum will culminate in mock NCE exams and simulation intensive for crisis resource management in peri-anesthesia care.

Prerequisite Requirements (DNPNA)
- An appropriate baccalaureate degree from regionally accredited institution
- Unencumbered license as a registered professional nurse (RN) and/or an advanced practice registered nurse (APRN) licensure in the United States or its territories or protectorates and eligible for licensure in Nevada
- Completion of an application for admission, including copies of all post-secondary educational transcripts
- Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) certification
- Cumulative undergraduate grade point average (GPA) of 3.0 or higher (4.0 scale) or evidence of outstanding graduate academic achievement
- Minimum science GPA of 3.2 on a 4.0 (Preferred)
- Graduate Record Exam scores of 150 or above (Preferred)
- Personal interviews (by invitation) with members of the Nurse Anesthesia Admission Committee will be offered to qualified applicants.
- At the time of application submission, the applicant must have a minimum of one year (two years preferred) of current, continuous full-time acute care experience as a registered nurse in a critical care setting which offers the applicant an opportunity to develop as an independent decision-maker capable of using and interpreting advanced monitoring techniques based on their knowledge of physiological and pharmacological principles. Acute care experience offering interpretation and use of advanced monitoring, care of ventilated patients, pharmacologic hemodynamic management, and independent

decision-making is required. Critical Care Registered Nurse certification is strongly encouraged.
- Experience areas preferred include:
    - Surgical Intensive Care
    - Medical Intensive Care
    - Cardiac Intensive Care
    - Neuro Intensive Care
    - Pediatric or Level III Neonatal Intensive Care
    - Trauma Intensive Care
- Submission of a personal statement describing the applicant's personal career goals and interest in graduate study.
- Applicants must possess the physical and mental skills necessary to complete the Nurse Anesthesia Program
- Test of English a Foreign Language (TOEFL) scores from applicants whose native language is not English or who have not completed their high school and college education in the U.S.

Instructional Times (DNPNA)
Classroom Didactic Blocks – Students attend classes Monday through Friday from 8:00 a.m. – 3:00 p.m.

Hybrid Didactic Blocks – Students must adhere to the posted due dates for discussion forums and other online learning activities.

Clinical Blocks – Students complete clinical requirements at assigned healthcare facilities. Clinical days and shifts are based on the operating hours of the student's clinical facility.

DNPNA Curriculum
The DNPNA online curriculum consists of 35 blocks and 115 credits delivered over 3 years including remediation periods. The course titles and associated credit hours are presented below. *
*Subject to change. Please refer to the College of Nursing Handbook for updated and/or revised curriculum, if applicable.

Course Descriptions
NURS 701 - Role Development in Advanced Practice Nursing
The course focuses on essential knowledge and skills needed in the transition to the advanced nursing practice role. Students are equipped with the skill set for successful matriculation through the DNP program. The roles, role behaviors, and practice models specific to the development and maintenance of inter-professional practice are analyzed. Emphasis is on developing effective communication and collaborative skills and understanding the historical, social, political, legal, and economic issues related to advance practice roles. 3 credits didactic. Prerequisite: Admission to the DNP degree program.

NURS 702 - Health Care Informatics and Data Driven Technology

This course provides students with an overview of informatics and the theoretical foundation for information management within the health care setting. The impact of automated data management through advances in information technology, health care information systems, and tele-health are explored. During the course students explore informatics theory and practices as a foundation for the development of databases for evidence-based practices. Related ethical, regulatory, and legal issues are explored. 3 credits didactic. Prerequisite: Admission to the DNP degree program

NURS 703 - Emerging Science for Advanced Practice Nurses & Statistics
This course includes information related to research methodologies and the translation of research in evidence-based practice. The focus is on the application of scientific knowledge to advanced nursing practice. Emphasis is on skill development in critiquing and synthesizing research evidence to address specific advanced nursing practice questions or problems. This course includes information related to the use and interpretation of statistical methods commonly used in health care studies. The focus is on the advantages and disadvantages of statistical techniques for specific types of research questions. 3 credits didactic. Prerequisite: Admission to the DNP degree program

NURS 704 - Advanced Pathophysiology Program Advanced Pathophysiology and Disease Management Across the Life Span
This course is an advanced study of the normal physiologic and pathologic mechanisms of disease over the life span. Clinical application of pathophysiologic disorders will be emphasized. This block explores the concepts of pathophysiology and the holistic management of acute and chronic conditions across the lifespan, including the examination of risk factors associated with the development of disease states and the various diagnostic tools utilized by the advanced practice registered nurse for the development, implementation, and evaluation of the client's plan of care. 3 credits didactic. Prerequisite: Admission to the DNP degree program

NURS 705 - Theoretical Foundations of Advanced Practice Nursing
This course includes information related to the use of science-based theories and concepts as the basis for the highest level of nursing practice. The focus is on a wide range of theories from nursing and other sciences. Emphasis is on the synthesis of theories to develop a conceptual framework for the delivery of advanced nursing care. 3 credits didactic. Prerequisite: Admission to the DNP degree program

NURS 706 - Advanced Health Assessment and Diagnostic Reasoning
This advanced practice nursing course focuses on development of proficiency in the skills in obtaining a comprehensive health assessment of culturally diverse persons across the life span. Emphasis is on interviewing, physical examination, and the use of basic laboratory and diagnostic data to diagnose common uncomplicated health problems and acute illness or injury. The clinical practicum enables the student to apply acquired knowledge and advanced practice nursing skills in a variety of settings. This block explores advanced health assessment skills and diagnostic reasoning across the lifespan, including cultural factors that impact the health of populations. Students will be expected to perform a comprehensive assessment that addresses the

biopsychosocial, cultural, and spiritual needs of the client. Students will begin to formulate differential diagnoses for accurately identifying actual or potential health problems for these populations. 3 credits didactic. Prerequisite: Admission to the DNP degree program

NURS 707 - Advanced Pharmacotherapeutics I
This course covers the clinical application of specific categories of drugs, commonly encountered in primary care settings is discussed with special emphasis on pharmacokinetics & pharmacodynamics. The use of protocols, prescription writing, and the ethical/legal and economic issues surrounding the advanced nurses' role in prescribing and monitoring pharmacologic therapies in the ambulatory setting are discussed. 3 credits didactic. Prerequisite: Admission to the DNP degree program

NURS 708- Pharmacology of Anesthesiology Nursing I
This course discusses the pharmacokinetics and pharmacodynamics of various anesthetic drugs. Along with identifying the clinical use of various anesthetic drugs and adjuncts. 2 credit didactic. Prerequisite: NURS 701-707

NURS 709 - Principles of Anesthesiology Nursing I
This course is a broad field orientation to advanced nursing practice. Study of the areas of pre, intra, and post-anesthesia planning and action are covered (full scope of practice). The induction and emergence from anesthesia, monitoring and record keeping are included. 2 credits didactic. Prerequisite: NURS 701-707

NURS 710 - Chemical & Physical Anesthesiology Nursing I
This course is a study of the biochemical and physical principles which apply to physiology, pharmacology and anesthesia equipment. Emphasis is placed on biochemistry and physics of gases and vapors. 3 credits didactic. Prerequisite: NURS 701-707

NURS 711 - Technology in Anesthesiology Nursing
This course discusses the use and care of anesthesia equipment (mechanical and electronic) are discussed. Computers and their uses in anesthesiology are also included. 1 credit didactic. Prerequisite: NURS 701-707

NURS 712 - Professional Aspects of Anesthesiology Nursing
This course explores: AANA organizational structure, including affiliated councils, codes of ethical conduct and current issues in anesthesiology nursing. 3 credits didactic. Prerequisite: NURS 701-707

NURS 713 - Regional Anesthesia
This course covers the theoretical and clinical aspects of the administration & management of regional anesthesia. Anatomy, physiology and pharmacology will be studied/applied to the

administration of anesthetic blocks. Simulation will be used to help learn basic skills. 2 credits didactic. Prerequisite: All Year 1 Coursework

NURS 714 - Principles of Anesthesiology Nursing II
The course will emphasize the full scope of anesthetic management of pediatric, geriatric, and obstetrical patients. The course will review the specific anesthetic needs for each specialty. 3 credits didactic. Prerequisite: All Year 1 Coursework

NURS 715 - Pharmacology of Anesthesiology Nursing II
This course is a continuation of the principles and actions of pharmacology as it applies to anesthetic practice. 2 credits didactic. Prerequisite: All Year 1 Coursework

NURS 716 - Chemical & Physical Anesthesiology Nursing II
This course is a continuation of the focus on the biochemical and physical principles required for understanding the mechanisms, actions, equipment, and theories as they apply to anesthesia practice. 1 credit didactic. Prerequisite: All Year 1 Coursework

NURS 717 - Advanced Bioscience Anesthesiology Nursing I
This is a course in human anatomy, physiology, and pathophysiology to include the effects of anesthesia on the cell, the circulatory system, and the respiratory system. 3 credits didactic. Prerequisite: All Year 1 Coursework

NURS 718 - Principles of Anesthesiology Nursing III
This course will continue to build on the foundations from previous courses. This course dives deep into cardiac physiology, pathophysiology, and practical cardiothoracic surgery implications and considerations. As each of you has the opportunity to participate in specialty cases, you will need the knowledge you obtain here and, in your readings, to equip and orient you to begin the learning process for these case types in the real world utilizing the full scope of practice. 2 credits didactic. Prerequisite: NURS 713-717

NURS 719 - Advanced Bioscience Anesthesiology Nursing II
This is a course in human anatomy, physiology, and pathophysiology to include the effects of endocrine, neurological, orthopedic and excretory and digestive systems on anesthesia management. 3 credits didactic. Prerequisite: NURS 713-717

NURS 720 - Advanced Practice Nursing Role Transition
This course examines the complexity of the roles of the doctoral-prepared advanced practice nurse and analyzes the relationships of role theory and integration within organizations and health care settings. Legal, economic, and ethical issues pertaining to advanced practice nursing are explored. Principles of leadership, intraprofessional and interprofessional collaboration, management, and

research are integrated into the conceptualization of the advanced nursing practice role. 2 credits didactic. Prerequisite: NURS 718-719

NURS 721 - Global health Care and Culture
In this course, concepts associated with cultural diversity related to matters of health and illness will be considered. Examples of variations both within and outside of the western viewpoint will be examined. This will be accomplished through conducting cultural assessments and demonstrating how the results of these assessments can be applied, in an evidence-based manner, to advanced practice. This course also includes a study of the cultural aspects of disease and health, culturally specific definitions, educational strategies and cross-cultural research in health. An emphasis will be placed on integrating cultural knowledge in the planning and administration of clinical services. 3 credits didactic. Prerequisite: NURS 718-719

NURS 722 – Population Health, Quality, and Clinical Effectiveness
This course examines the relationships between access, cost, quality, and safety and the resultant influence on healthcare. This includes appraising how the organizational structure, care processes, financing, marketing, and policy decisions impact the quality of health care. The advanced practice student examines the ethical principles that influence policy decisions and the application of technologies for improved healthcare delivery. 3 credits didactic. Prerequisite: NURS 718-719

NURS 723 - Healthcare policy, Law, and Ethics
This course explores how the federal government makes health care policy. The origins of policy created through legislative and administrative action will be presented. Strategies for health policy creation, implementation, evaluation, and change will be examined from the viewpoint of advanced practice nursing. 3 credits didactic. Prerequisite: NURS 718-719

NURS 724 - Evidence Based Practice I
In this course students will critically appraise the scientific literature to determine and implement the best evidence for nursing practice. Specifically, students will identify a current clinical issue, develop a clinical question, and find evidence from the literature to answer that clinical question. The student will analyze relevant findings to improve practice and the practice environment. The outcome of the course is the application of clinical and scientific knowledge to address a nursing practice issue. 3 credits didactic. Prerequisite: NURS 720-723

NURS 725 - Evidence-Based Practice II
This is a continuation of the work that you started in Evidence-Based Practice I. During this course you will complete your EBP paper that you started in EBP I by making revisions of PICOT paper #2, adding an abstract and adding a section on Implementation. You will be giving another presentation at the EBP Colloquium which will be a continuation and refinement of your Synthesis of Evidence presentation given in EBP I with now a focus on how you will implement this change in practice. Discussion boards are also part of this course to continue our discussion on EBP and the implementation of EBP. 3 credits didactic. Prerequisite: NURS 720-723

NURS 726 - Doctoral Project

In this course the doctoral student has identified a problem or question that requires a change in health care or educational services, clinical practices or policies that might be addressed in a leadership role. This problem has relevance to current and emerging health care or educational issues. The result of the project will be a scholarly work written at a doctoral level of complexity, describing evidence-based practice. The focus of the project will be to critically appraise evidence from the literature answering a clinical question and the strategy used to implement a change in practice if indicated from the evidence. The goal of this work is to determine the implications for clinical practice to improve clinical nursing practice and patient outcomes. Assignments will also be competed that disseminate this work into the public domain. 6 credits didactic. Prerequisite: All Year 2 Coursework

NURS 727 - Advanced Modes of Pain Management
This is a course in human pain anatomy, physiology, and pathophysiology. It also includes pain assessment and discussion on pain management strategies. 6 credits didactic. Prerequisite: All Year 2 Coursework

NURS 728 - Principles of Anesthesiology Nursing IV
This course covers principles Neurophysiology, pathophysiology and anesthetic management, emergency and trauma management, and airway considerations. 2 credits didactic. Prerequisite: All Year 2 Coursework

NURS 729 - Advanced Anesthesiology Nursing Seminar
This is an advanced review as presented by the graduate students regarding specific case presentations. The course will serve as a review for the national certification examination. 3 credits didactic. Prerequisite: All Prior Coursework

Longitudinal Experiential Course Descriptions

NURS 731 - Anesthesiology Nursing Practicum I
This experience is an introduction to the clinical art and science of anesthesiology nursing. It introduces the clinical component of anesthesia management techniques. This includes simulation and supervised clinical practice. 3 credits clinical. Prerequisite: NURS 701-711

NURS 732 - Anesthesiology Nursing Practicum II
This course is the second in an increasingly more complex six clinical, longitudinal course series that includes clinical anesthesia administration under the direct supervision of a CRNA &/or an anesthesiologist instructor. Simulated experiences will help students gain skill and experience. 3 credits clinical. Prerequisite: NURS 731

NURS 733 - Anesthesiology Nursing Practicum III
This course is the third of an increasingly more complex six clinical, longitudinal course series that includes clinical anesthesia administration under the direct supervision of a CRNA &/or an anesthesiologist instructor. Simulated experiences will help students gain skill and experience. 4 credits clinical. Prerequisite: NURS 732

NURS 734 - Anesthesiology Nursing Practicum IV
This course is the fourth of an increasingly more complex six clinical, longitudinal course series that includes anesthesia administration under the direct supervision of a CRNA &/or an anesthesiologist instructor. Simulated experiences will help students gain skill and experience. 6 credits clinical. Prerequisite: NURS 733

NURS 735 - Anesthesiology Nursing Practicum V
This course is the fifth of an increasingly more complex six clinical, longitudinal course series that includes anesthesia administration under the direct supervision of a CRNA &/or an anesthesiologist instructor. 6 credits clinical. Prerequisite: NURS 734

NURS 736 - Residency in Advanced Nursing Practice
This is the sixth of six clinical, longitudinal courses and is a clinically based practicum course. Doctoral students will, with faculty approval, construct a learning contract that will detail the acquisition of a new, or higher level of, clinical skills. Skills acquisition will be conducted under the direction of a qualified expert preceptor. Upon completion of the course, the student will provide a complete written description of how they achieved the skill(s) identified in the contract. It is expected that clinical logs will document at least 1,000 hours of supervised experience. Simulation will assist in preparing students to take the NCE and independent clinical practice. 12 credits clinical. Prerequisite: NURS 735

Graduation
DNPNA
Graduation from the College of Nursing with a Doctor of Nursing Practice Nursing Anesthesia degree requires successful completion of all courses described in the nursing curriculum including completion of clinical hours and experiences in accordance with Council on Accreditation standards of accreditation.

Self-Evaluation Exam (DNPNA only)
The Self-Evaluation Examination (SEE) is completed as the final assessment for NURS 729. Students must achieve a passing score of 450 which predicts a high likelihood of success on the certification exam. Students can retake the Predictor until they successfully pass the examination.

Remediation of the Self-Evaluation Exam (DNPNA only)
Retakes of the SEE are permitted every 2 weeks until the student achieves a score of 450. Students who do not pass the SEE will receive an incomplete (I) until a passing score is achieved. Students who have not passed the SEE after their third (3rd) attempt must reenroll in the certification review in preparation for the next SEE attempt.