NATIONAL UNIVERSITY

SCHOOL OF HEALTH AND HUMAN SERVICES

DOCTOR OF NURSE ANESTHESIA PRACTICE (DNAP)

Become a Certified Registered Nurse Anesthetist

Develop advanced expertise in anesthesia care delivery while preparing to become a certified registered nurse anesthetist in the Doctor of Nurse Anesthesia Practice (DNAP) program at National University.

In this entry-into-practice clinical practice doctoral program, you will master the art and science of anesthesia care delivery. Coursework focuses on health organizations and systems analysis, quality assessment and improvement, leadership, policy analysis, and the implementation of evidence-based practice initiatives.

The program includes a front loaded didactic model with onsite didactic and simulation courses. The second phase of the program includes clinical courses at an affiliate hospitals where you will gain hands-on experience administering anesthesia to patients across the age spectrum and in all surgical specialties under the direct supervision of a CRNA or Anesthesiologist mentor.

Upon graduation, you will be prepared to sit for the National Certification Exam (NCE) to become a Certified Registered Nurse Anesthetist (CRNA).

You will develop the advanced clinical anesthesia skills and expertise needed to assume the role of the CRNA in any practice setting.

Program highlights:

- Learn to formulate and implement an anesthesia plan of care
- Plan for and administer general and regional anesthesia techniques to a variety of patients ranging in medical and surgical acuity
- Promote patient safety, enhance quality care, and improve nurse anesthesia practice
- Gain the leadership skills needed to meet the challenges of complex health care and education environments
- Program includes online and on-campus classes, as well as hands-on clinical practicum courses at an affiliate hospital

LEARN MORE TODAY

Contact Program Director
Dr. Bryan Tune

(559) 256-4968
btune@nu.edu

NATIONAL UNIVERSITY

Veteran Founded. Nonprofit.

National University is accredited by the WASC Senior College and University Commission (WSCUC); National University is nonprofit and does not discriminate in any of its policies or practices on the basis of race, ethnicity, religion, national origin, sex, disability, age, or veteran status. Accredited by the Council on Accreditation for Nurse Anesthesia Educational Programs (COA).

DOCTOR OF NURSE ANESTHESIA PRACTICE (DNAP)

Faculty Advisor: Dr. Bryan Tune; (559) 256-4968; btune@nu.edu

The Doctor of Nurse Anesthesia Practice (DNAP) degree is an entry-into-practice clinical practice doctoral degree awarded to students who enter the nurse anesthesia program with a bachelor's degree and subsequently complete the three-year doctoral curriculum of study. The DNAP curriculum prepares graduates in the art and science of anesthesia care delivery and to sit for the National Certification Exam (NCE) to become a certified registered nurse anesthetist (CRNA). In addition, graduates will be educated to assume leadership positions in nurse anesthesia administration and education, with focused coursework in health organizations and systems analysis, quality assessment and improvement, leadership, policy analysis, and the implementation of evidence-based practice initiatives.

The hybrid curriculum is a combination of eight online synchronous and asynchronous delivered courses, 19 onsite courses, and seven clinical courses, structured in a 36-month course of study. The program will involve the completion of 138 quarter units. During the first week of the program, students engage in an intensive orientation where they are introduced to the overall curriculum, program, and university policies.

Clinical Training

Seven clinical practicum courses stress the application of relevant science and research to anesthesia practice while engaging in the art and science of anesthesia care delivery. Throughout the clinical practicum coursework, students will have the opportunity to plan for and administer all types of currently accepted general and regional anesthesia techniques to a variety of patients ranging in medical and surgical acuity. Graduate students will be assigned to various anesthetizing locations within selected affiliate hospitals.

At all times while in the clinical environment, students will be directly supervised, instructed, and counseled by a CRNA and/or physician anesthesiologist clinical preceptor. The course faculty member will supervise student progression, required case attainment, clinical work hours, and mid-quarter and end-of-quarter evaluations.

Admission and Degree Requirements

A. Successful admission to National University

B. Bachelor of Science in Nursing (BSN) from a NLNAC- or CCNE-accredited college or university or Bachelor of Science in a related physical science with licensure as a registered nurse

C. Current unrestricted/unencumbered (clear/active) license as a registered nurse in one of the states of the U.S., with eligibility for licensure throughout all states in the U.S.

D. A cumulative grade point average (GPA) of 3.0 on all undergraduate courses or 3.25 on the last 60 hours of undergraduate courses on a 4.0 scale

E. Science GPA of 3.0 or greater

F. Successful completion of the following prerequisite courses: Pharmacology, Anatomy with Lab, Physiology, General Chemistry (with lab), and Undergraduate statistics

G. A minimum of one full year of critical care experience in an intensive care unit within the past three years as a registered nurse. Emergency department and other experiences will be considered on an individual basis. Operating room, OB, and PACU experience is not accepted as critical care experience.

H. Three favorable evaluations/recommendations from a current clinical supervisor, fellow critical care nursing peer or anesthesia provider, and an academic faculty or clinical educator familiar with your academic performance

I. Professional certification in any of the following preferred: CCRN, CEN, or CFRN

J. Current ACLS and PALS certification

K. Shadow experience in the OR with a CRNA or anesthesiologist

L. Successful personal interview

M. Ability and willingness to travel for clinical rotation assignments and to be flexible when required to change clinical sites at short notice

N. Ability to meet the didactic and clinical requirements of the curriculum

Program Requirements

(34 courses; 138 quarter units)

Students must take all of the DNAP courses in the set sequence. The program utilizes a cohort model.

ANE 800 Advanced Principles of EBP

ANE 810 Advanced Pharmacology Concepts
Prerequisite: Admission to the Nurse Anesthesia Program or prior approval from Program Director

ANE 815 Adv Human Anatomy for Anesth
Prerequisite: Admission to the Nurse Anesthesia Program or approval from Program Director

ANE 816 Advanced Human Anatomy Lab (1.5 quarter units)
Prerequisite: Admission to the Nurse Anesthesia Program or prior approval from Program Director

ANE 820 Nurse Anesthesia Physiology I

ANE 824 Principles of Anesthesia I

ANE 825 Advanced Hifi Sim I (1.5 quarter units)
Corequisite: ANE 824 with a minimum grade of B-

ANE 818 Anesthesia Pharmacology I
Corequisite: ANE 824 with a minimum grade of B-

ANE 821 Nurse Anesthesia Physiology II

ANE 826 Principles of Anesthesia II
Prerequisite: ANE 824 with a minimum grade of B-

ANE 827 Advanced HiFi Sim II (1.5 quarter units)

ANE 819 Anesthesia Pharmacology II

ANE 828 Principles of Anesthesia III

ANE 829 Advanced HiFi Sim III (1.5 quarter units)
Corequisite: ANE 828 Lab component of the POA III lecture course

ANE 822 Anesthesia Physiology III
Prerequisite: ANE 821 with a minimum grade of B-

ANE 823 Anesthesia Physical Assessment

ANE 830 Principles of Anesthesia IV
Prerequisite: with a minimum grade of B- Curriculum in a cohort, lock-step model

ANE 831 Advanced HiFi Sim IV (1.5 quarter units)
Corequisite: ANE 830 with a minimum grade of B-

ANE 840 Anesth Professional Aspects

ANE 801 Biostat for Nurse Anesthesia

ANE 850 Clinical and Seminar I
Prerequisite: Satisfactory completion of the didactic phase of the program.

ANE 851 Implementing EBP in Anesthesia
Prerequisite: ANE 800 with a minimum grade of B-

ANE 855 Clinical and Seminar II

ANE 856 Health Policy and Advocacy

ANE 860 Clinical and Seminar III

ANE 861 Systems Analysis — Communication

ANE 865 Clinical Rotation — Seminar IV

ANE 866 Epidemiology — Population Health
Prerequisite: ANE 801 with a minimum grade of B-

ANE 870 Clinical Rotation — Seminar V
Corequisite: ANE 865 with a minimum grade of B-

ANE 871 Health Care Economics — Finance

ANE 875 Clinical Rotation-Seminar VI
Prerequisite: ANE 870 with a minimum grade of B-

ANE 876 Capstone Project

ANE 880 Clinical Specialization
Prerequisite: ANE 870 with a minimum grade of B-

ANE 881 DNAP Role — Health Care Impact

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