

1 Course Curriculum Description

A. Course Numbering System

The Wolford College course-numbering system is based on prefixes and numbers. Course prefixes and numbers are assigned according to the following system:

Prefix Code	Code Number comprised of four digits			
NUAN-nurse anesthesia specialty course	1 st Number of the four digit code	2 nd Number of the four digit code	3 rd Number of the four digit code	4 th number of the four digit code
	Level Code- indicates the graduate year of study	1-Nonclinical based study	Credit Hour Code- indicates the number of credit hours for course	Sequential in nature 0-9
	5 = first graduate year	2-Basic science related to anesthesia	1 = 1 credit hour	0 indicates lower level study
	6 = second year graduate study	3-Basic Anesthesia concepts	2&3 = 2&3 credit hours respectively	9 indicates most advanced level of study
	7 = third year graduate study	4-Advanced anesthesia concepts	4&5 = 4&5 credit hours respectively	
	8= MS Completion Program			
9= Doctoral Program				

For example, course NUAN 9131 is a nonclinical based course given which is 3 credit hours and the first in the sequence of nonclinical based courses for the DNAP curriculum.

B. Course Descriptions

The descriptions for the post-Master's DNAP courses offered in Wolford College are as follows:

NUAN 9131 Policy and Ethics in Nurse Anesthesia Practice (3sh)

In-depth analysis of the health care delivery system in the United States that includes analysis of health care policy, financial issues, political trends, ethical, and professional issues affecting nurse anesthesia practice. Evaluation of ethical decision making in health care policy and the relationship between health policy making and the political process.

NUAN 9132 Advanced Roles for DNAP Practice (3sh)

Analysis of leadership skills that enhance advanced nurse anesthesia practice. Focus on the application of leadership skills in clinical care, conflict resolution, clinical reasoning and advanced levels of interprofessional collaborative skills and team building.

NUAN 9133 Economics of Anesthesia for DNAP Practice (3sh)

Economic principles of healthcare demand, supply for health manpower; insurance; costs, risk-management; data analysis for decision making- hospital structures, with focus on the impact on anesthesia care delivery in accordance with established ethical and social standards.

NUAN 9134 Health Care Informatics (3sh)

Application of information systems technology in healthcare settings. Effective management of information using current technology, and the impact of such technology on anesthesia and patient care.

NUAN 9135 Research Methodology for DNAP Practice (3sh)

In-depth examination of research designs common to clinical nursing research. Aspects of nurse anesthesia research from the perspective of utilizing advanced skills of clinical reasoning and preparing researchers to design and carry out studies using research methods appropriate for clinically focused studies will be addressed.

NUAN 9136 Quality in Patient Outcomes (3sh)

Analysis of quality assurance in healthcare as related to anesthesia. Focuses on an evidence-based approach which can reduce human error and improve patient outcomes including concepts of teamwork, simulation, and monitoring systems.

NUAN 9431 Integrated Physiology, Pathophysiology & Pharmacology for DNAP Practice I (3sh) Integration and in-depth examination of pharmacological, physiological and pathophysiologic concepts of the cardiovascular, pulmonary, and renal systems.

NUAN 9432 Integrated Physiology, Pathophysiology & Pharmacology for DNAP Practice II (3sh)

Integration and in-depth examination of pharmacological, physiological and pathophysiologic concepts of the neuro-muscular, neurological and hepatic systems.

NUAN 9433 Critical Illness and Anesthesia Care Across the Lifespan (3sh)

In-depth analysis of critical illness and affects on anesthesia management care and patient outcomes. Topics of study to include anesthesia management of critically ill patients across the lifespan.

NUAN 9434 Clinical Application of Advanced Anesthesia Concepts (3sh)

Integration and application of knowledge of pharmacology, physiology, pathophysiology, evidence based practice, and ethical decision making to determine and evaluate therapeutic anesthesia interventions and management.

NUAN 9469 Capstone (6sh) Focuses on assessment, synthesis and in-depth analysis of a clinical problem or topic pertinent to anesthesia care and/or patient outcomes to be presented as a scholarly work. Culminates in a comprehensive written paper appropriate for publishing.