

NURSE ANESTHESIA, DNP ADVANCED PRACTICE TRACK

This DNP track prepares graduates to become one of the primary anesthesia providers in the country, a certified registered nurse anesthetist (CRNA). All nurse anesthesia programs must be accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA) for graduates to be eligible to take the National Certification Examination (NCE). According to the COA, Practice Doctorate Programs are designed to prepare graduates with competencies for entry into anesthesia practice. Entry into practice competencies for the nurse anesthesia professional prepared at the practice doctoral level are those required at the time of graduation to provide safe, competent, and ethical anesthesia and anesthesia-related care to patients across the lifespan for diagnostic, therapeutic, and surgical procedures.

Entry into practice competencies should be viewed as the structure upon which nurse anesthetists continue to acquire knowledge, skills, and abilities along the practice continuum that starts at graduation (proficient) and continues throughout their entire professional careers (expert). See <https://www.coacrna.org/>.

The curriculum is based on the COA Standards for Accreditation of Nurse Anesthesia Programs, Practice Doctorate.

CERTIFICATION

After successful completion of the 36-month curriculum, students will be eligible to apply for the National Certification Examination (NCE) through the National Board of Certification and Recertification for Nurse Anesthetists (NBCRNA). CRNA certification requires a passing score on the NCA. The NBCRNA administers the NCE to measure the knowledge, skills, and abilities necessary for entry-level nurse anesthesia practitioners. The NCE is a variable-length computerized adaptive test for entry into nurse anesthesia practice. See <https://www.nbcrna.com/>

Nurse Anesthesia Track-Specific Curriculum

Code	Title	Credits
NR.210.670	Human Anatomy	4
NR.210.671	Advanced Pharmacology for Nurse Anesthesiology	3
NR.210.672	Advanced Pathophysiology for Nurse Anesthesiology	4
NR.210.673	Introduction to Anesthesia Equipment, Technology, and Clinical Practice	2
NR.210.674	Professional Aspects of Nurse Anesthesiology Practice	3
NR.210.675	Nurse Anesthesiology Principles I	2
NR.210.676	Nurse Anesthesiology Principles II	3
NR.210.677	Nurse Anesthesiology Principles III	2
NR.210.678	Nurse Anesthesiology Principles IV	2
NR.210.679	Clinical Residency I (336CL)	3
NR.210.687	Clinical Residency II (80CL)	1
NR.210.680	Clinical Residency III (368CL)	3
NR.210.681	Clinical Residency IV (448CL)	4
NR.210.682	Clinical Residency V (448CL)	4

NR.210.688	Clinical Residency VI (80CL)	1
NR.210.683	Clinical Residency VII (368CL)	3
NR.210.684	Seminars in Nurse Anesthesiology I	3
NR.210.685	Seminars in Nurse Anesthesiology II	3
NR.210.686	Advanced Physiology for Nurse Anesthesiology	4
Total Credits		54

Track Total [50cr/2,128CL]

Program of Study

Course	Title	Credits
First Year		
First Semester		
NR.210.602	Clinical Pharmacology	4
NR.210.610	Health Promotion and Risk Reduction Across the Lifespan	2
NR.210.670	Human Anatomy	4
Credits		10
Second Semester		
NR.210.606	Biostatistics for Evidence-Based Practice	3
NR.210.601	Advanced Health Assessment and Measurement (This course has a required immersion component.)	3
NR.210.686	Advanced Physiology for Nurse Anesthesiology	4
All courses online.		
Credits		10
Third Semester		
NR.210.671	Advanced Pharmacology for Nurse Anesthesiology	3
NR.210.672	Advanced Pathophysiology for Nurse Anesthesiology	4
NR.210.608	The Research Process and Its Application to Evidence-Based Practice	3
All courses online.		
Credits		10
Second Year		
First Semester		
NR.210.675	Nurse Anesthesiology Principles I	2
NR.210.673	Introduction to Anesthesia Equipment, Technology, and Clinical Practice	2
NR.210.886	Problem Discovery	1
NR.210.674	Professional Aspects of Nurse Anesthesiology Practice <small>Class of 2026 - course will be 2 credits</small>	3
NR.210.806	Health Finance	2
Credits		10
Second Semester		
NR.210.676	Nurse Anesthesiology Principles II	3
NR.210.679	Clinical Residency I (336CL*)	3
NR.210.803	Nursing Inquiry for Evidence-Based Practice	3
Credits		9

Third Semester

NR.210.687	Clinical Residency II (80CL*)	1
Credits		1

Fourth Semester

NR.210.887	Project Advancement	1
NR.210.805	Translating Evidence into Practice	3
NR.210.680	Clinical Residency III (368CL*)	3
NR.210.677	Nurse Anesthesiology Principles III ^{Class of} 2026 - course will be 3 credits	2
Credits		9

Third Year**First Semester**

NR.210.678	Nurse Anesthesiology Principles IV	2
NR.210.681	Clinical Residency IV (448CL*)	4
NR.210.888	Project Application	1
NR.210.817	Analysis and Evaluation of Individual and Population Health Data	3
Credits		10

Second Semester

NR.210.684	Seminars in Nurse Anesthesiology I	3
NR.210.682	Clinical Residency V (448CL*)	4
NR.210.889	Project Evaluation and Dissemination	1
NR.210.802	Advanced Nursing Health Policy	2
Credits		10

Third Semester

NR.210.688	Clinical Residency VI (80CL*)	1
Credits		1

Fourth Semester

NR.210.685	Seminars in Nurse Anesthesiology II	3
NR.210.683	Clinical Residency VII (368CL*)	3
NR.210.804	Organizational and Systems Leadership for Quality Care	2
Credits		8
Total Credits		88

*DNP practicum hours will be incorporated into this course for the development of the DNP project.