

Nurse Anesthesia Practice, DNAP

Carrie Bowman Dalley, Ph.D., CRNA, FAANA
Associate Professor and Program Director

The Doctor of Nurse Anesthesia Practice (<https://nurseanesthesia.georgetown.edu>) is a full time, in person, program designed to prepare graduates to provide one-on-one care during the perioperative period by delivering quality anesthesia services for surgical, obstetric, and other diagnostic and therapeutic procedures, combined with a personal concern for the health and welfare of the individual. Students are eligible to take the national certification examination administered by the National Board of Certification and Recertification for Nurse Anesthetists.

The curriculum provides depth of knowledge, clinical excellence and research competence in advanced nurse anesthesia practice. The program prepares graduates to: understand the scientific principles underlying the delivery of anesthesia, to provide independent anesthesia care, and to provide optimal health care to the populations they serve. DNAP graduates apply their understanding of the health care system to advance the well-being of individuals and populations through safe, high-quality anesthesia care.

The program is a 36-month full-time program, in which the students build a solid foundation in the basic sciences, the science of anesthesia, and the conduct of practice-based research. Students also gain an appreciation for ethical leadership in nurse anesthesia within the broader context of health care delivery systems, and for the role of anesthesia providers in informing health policy and quality outcomes. Clinical education expands over 2 years, and focuses primarily on applying science and research to excellence and quality in clinical anesthesia care.

Academic Policies

Additional academic policies governing the Doctor of Nurse Anesthesia program can be found in the program handbook.

Requirements

Code	Title	Credits
NURA 8606	Advanced Health Assessment	3
NURA 8620	Anesthesia & Coexisting Condit	3
NURA 8621	Chemistry and Physics	3
NURA 8627	Gross Anatomy for Anesthesia	3
NURA 8641	Introduction:Nurse Anesthesia	3
NURA 8652	Advanced Human Physiology	4
NURA 8661	Anesthesia Pharmacology	3
NURA 8662	Advanced Pathophysiology	3
NURA 8671	Advanced Pharmacology	3
NURA 8703	Adv Prin: Nurse Anesth Prac I	3
NURA 8705	Adv Prin: Nurse Anesth Prac II	3
NURA 8707	Adv Prin of Nurse Anesth III	3
NURA 8708	Princ of Nurse Anes Seminar	1
NURA 8709	Adv Prin Nurse Anesth Prac IV	2

NURA 8718	Interdisc Health Care Ethics	2
NURA 8731	Health Informatics	2
NURA 8759	Health Care Policy	2
NURA 8763	Prof Aspects and Leadership	2
NURA 8765	US Health Systems	2
NURA 8769	Anesthesia Safety/Quality	3
NURA 8780	Evid Based Research Methods	3
NURA 8782	Evidence Based Research Method	3
NURA 8905	DNAP Clinical Research Sem I	1
NURA 8906	Clinical Research Seminar II	1
NURA 8907	Clinical Research Seminar III	1
NURA 8910	DNAP Project	2
NURA 8997	Clinical Practicum	1
NURA 8997	Clinical Practicum	1
NURA 8997	Clinical Practicum	1
NURA 8997	Clinical Practicum	1
NURA 8997	Clinical Practicum	1
NURA 8997	Clinical Practicum	1
NURA 8997	Clinical Practicum	1

Total Credits 70

Plan of Study

Program Requirements

The curriculum of the Nurse Anesthesia Practice program is structured in two phases. The first phase is front-loaded, classroom, didactic learning supplemented by work in clinical simulation, and the anatomy/cadaver lab (64 credits). The second phase is the clinical and research project phase, consisting of 50-60 on-call hours per week of clinical work.

The standard course of study is outlined below.

Course	Title	Credits
Summer I		
NURA 8621	Chemistry and Physics	3
NURA 8641	Introduction:Nurse Anesthesia	3
NURA 8731	Health Informatics	2
NURA 8765	US Health Systems	2
NURA 8718	Interdisc Health Care Ethics	2
Credits		12
Fall I		
NURA 8627	Gross Anatomy for Anesthesia	3
NURA 8652	Advanced Human Physiology	4
NURA 8769	Anesthesia Safety/Quality	3
NURA 8661	Anesthesia Pharmacology	3
Credits		13
Spring I		
NURA 8671	Advanced Pharmacology	3
NURA 8662	Advanced Pathophysiology	3
NURA 8606	Advanced Health Assessment	3
NURA 8759	Health Care Policy	2
NURA 8620	Anesthesia & Coexisting Condit	3
Credits		14
Summer II		
NURA 8780	Evid Based Research Methods	3
NURA 8997	Clinical Practicum	1
Credits		4

Fall II		
NURA 8782	Evidence Based Research Method	3
NURA 8703	Adv Prin: Nurse Anesth Prac I	3
NURA 8997	Clinical Practicum	1
Credits		7
Spring II		
NURA 8905	DNAP Clinical Research Sem I	1
NURA 8705	Adv Prin: Nurse Anesth Prac II	3
NURA 8763	Prof Aspects and Leadership	2
NURA 8997	Clinical Practicum	1
Credits		7
Summer III		
NURA 8906	Clinical Research Seminar II	1
NURA 8707	Adv Prin of Nurse Anesth III	3
NURA 8997	Clinical Practicum	1
Credits		5
Fall III		
NURA 8907	Clinical Research Seminar III	1
NURA 8997	Clinical Practicum	1
NURA 8708	Princ of Nurse Anes Seminar	1
Credits		3
Spring III		
NURA 8910	DNAP Project	2
NURA 8709	Adv Prin Nurse Anesth Prac IV	2
NURA 8997	Clinical Practicum	1
Credits		5
Total Credits		70

- Student evaluation of all didactic and clinical courses each semester.
- Student evaluation of clinical faculty each semester via Typhon.
- Student evaluation of clinical rotations and sites each semester via Typhon.
- Clinical Faculty Evaluation of Students (daily).
- Graduate final evaluation of program.
- Alumni (1 year post graduation) evaluation of their preparedness for practice.
- Employer (1 year post graduation) evaluation of graduate CRNA's preparedness for practice.

Scholarly Project Requirements

The DNAP scholarly project and coursework prepare the learner to conduct practice-oriented research and evaluation in health care systems. Students complete all course requirements and disseminate their findings to the University community through a presentation and a written manuscript. Students are encouraged to present their findings at regional or national meetings and to submit their work to a peer-reviewed journal.

Clinical Requirements

Clinical education is conducted in accordance with COA Standards for Accreditation and is designed to ensure students achieve the required competencies, clinical experiences, and case diversity necessary for entry into practice as CRNAs. Clinical affiliates partner with the program to provide supervised learning experiences, maintain a safe educational environment, support ongoing student evaluation, and comply with applicable COA requirements. The program works collaboratively with each clinical site to ensure students receive appropriate supervision, progressive responsibility, and access to a broad range of clinical experiences.

All students must complete at least 2,000 clinical hours prior to graduation.

Students are required to maintain the following resuscitative certifications to engage in clinical activities:

- Basic Life Support (BLS)
- Advanced Cardiac Life Support (ACLS)
- Pediatric Advanced Life Support (PALS)

Evaluation Process

Through the program's evaluation process, committee structure and faculty meetings the program is routinely evaluated and changes are made to ensure that the program remains in the forefront of nurse anesthesia education. The student and his/her evaluation are critical to this endeavor. The formal evaluation process is composed of numerous facets to evaluate all aspects of the program.

The following data collection tools are used as components of the systematic DNAP evaluation plan: