Doctor of Nurse Anesthesia Practice (DNAP) with an Emphasis in Health Administration

This program is offered by the College of Science and Health and is only available at the St. Louis main campus.

Entry into Practice

Program Description

The doctor of nurse anesthesia practice (DNAP) degree prepares students for expertise in the art and science of anesthesia. Nurse anesthesia is an evolving profession, sensitive to the needs of society and the profession. Individuals develop this expertise through a holistic and complex integration of affective, cognitive and psychomotor skills. The philosophy of Webster University's nurse anesthesia program is that graduate education is fundamental in preparation for practicing as a certified registered nurse anesthetist. Webster University also believes that the profession of anesthesia requires a scientific and dynamic approach to assist in the return to health. The professional nurse anesthetist provides a variety of health services to individual patients and underserved communities using a variety of theories. The practice of anesthesia involves assessment, planning, implementation, directing and evaluating the care process. The practice of nurse anesthesia is founded in a long tradition with numerous activities of the nurse anesthesia profession directed toward disease prevention, health maintenance, restoration, and rehabilitation. Strong moral, ethical, and legal codes are fundamental to the practice of nurse anesthesia. These codes are reflected in internal, external, independent, and interdependent behaviors.

Education at the graduate level is an expansion of the knowledge attained from undergraduate studies. Graduate education at Webster University encourages the development of advanced skills, theoretical knowledge and critical thinking skills to practice the art and science of anesthesia. The art and science of anesthesia are dynamic and require continued educational endeavors to stay abreast of current theory. Therefore, the nurse anesthetist must recognize the need to enhance one's knowledge and improve one's skills as a lifelong endeavor in the discipline of nurse anesthesia.

The curriculum spans three years of continuous enrollment.

Quality Outcomes

Upon completion of the program, students should be able to:

- Professional:
  - Discuss and define the Scope of Practice of the CRNA.
  - Discuss current issues pertaining to the practice of nurse anesthesia.
  - Demonstrate professional attributes through attendance and participation in local, state and national professional organizational meetings and events.
  - Demonstrate strong ethics and personal integrity in all professional pursuits to include the delivery of quality and safe anesthesia to the community we serve.
  - Maintain AANA Associate membership until certification is obtained.
  - Demonstrate professional behaviors in the classroom, clinical settings and organizational activities.
  - Discuss role of Advanced Practice Nurse in leadership and healthcare.
  - Contribute to organizational and systems leadership to improve health care delivery.
- Didactic:
  - Develop a strong and comprehensive knowledge base necessary for the safe and effective delivery of anesthesia evidenced by academic progression with a B or better average.
  - Demonstrate requisite knowledge of content learned as evidenced by biannual Self Evaluation Examination (SEE) scores at or above median range or year in program.
  - Proposed, developed, completed and defended a research thesis demonstrating a thorough understanding of the research and scientific method.
  - Pass the National Board Certifying Exam for Certified Registered Nurse Anesthetist.
- Clinical:
  - Advocate for patient safety at all times.
  - Perform a thorough preanesthetic assessment and physical examination.
  - Develop an anesthesia care plan based on reported patient health conditions and physical exam.
  - Perform relevant patient and family teaching.
  - Obtain informed consent for anesthesia services.

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Required Science Courses

- CHEM 7500 Biochemistry (3 hours)
- PHYS 7500 Physics for Anesthesia (2 hours)
- BIOL 7200 Advanced Anatomy and Physiology I (3 hours)
- BIOL 7201 Advanced Anatomy and Physiology I lab (1 hour)
- BIOL 8000 Advanced Anatomy and Physiology II (3 hours)
- BIOL 8001 Advanced Anatomy and Physiology II lab (1 hour)
- BIOL 8100 Advanced Anatomy and Physiology III (3 hours)
- BIOL 8101 Advanced Anatomy and Physiology III lab (1 hour)
- AHP 7510 Biostatistics for Health Sciences (3 hours)
- BIOL 7600 Cell Biology (3 hours)
- BIOL 7700 Genetics (1 hour)
- DNAP 8700 Pharmacogenomics (2 hours)
- BIOL 8150 Immunology (3 hours)
- DNAP 6400 Population Health and Epidemiology (2 hours)
- AHP 8400 Advanced Pathophysiology (3 hours)
- DNAP 7900 Pharmacology I (3 hours)
- DNAP 8000 Advanced Pharmacology II (3 hours)
- DNAP 8010 Advanced Pharmacology III (3 hours)
- DNAP 8020 Advanced Pharmacology IV (3 hours)

Required Nurse Anesthesia Courses

- DNAP 7000 Advanced Health Assessment (4 hours)
- DNAP 7100 Introduction to Anesthesia (3 hours)
- DNAP 7200 Basics of Anesthesia (3 hours)
- DNAP 7300 Principles of Anesthesia I (3 hours)
- DNAP 7400 Principles of Anesthesia II (3 hours)
- DNAP 8100 Anesthesia Concepts I (3 hours)
- DNAP 8200 Anesthesia Concepts II (3 hours)
- DNAP 8300 Anesthesia Concepts III (3 hours)
- DNAP 8400 Anesthesia Concepts IV (3 hours)
- DNAP 8410 Anesthesia and Coexisting Diseases (3 hours)
- DNAP 8500 Current Topics in Anesthesia I (1 hour)
- DNAP 8510 Current Topics in Anesthesia II (1 hour)
- DNAP 8520 Current Topics in Anesthesia III (1 hour)
- DNAP 8530 Current Topics in Anesthesia IV (1 hour)
- AHP 7500 Translational Research (2 hours)
- HLTH 5000 Organization and Management in Health Administration (3 hours)
- HLTH 5050 Financial Management in Health Administration (3 hours)
- DNAP 8240 Health Care Policy Analysis and Advocacy (3 hours)
- DNAP 8430 Health Administration Law and Ethics (3 hours)
- DNAP 8440 Advanced Practice Nurse Role in Leadership and Health Care (3 hours)
- DNAP 8230 Politics and Economics of Health Care (3 hours)

Required Nurse Anesthesia Clinical Simulation Courses

- DNAP 7150 Clinical Simulation Experience I (2 hours)
- DNAP 7250 Clinical Simulation Experience II (2 hours)
- DNAP 7350 Clinical Simulation Experience III (4 hours)
- DNAP 7450 Clinical Simulation Experience IV (2 hours)

Required Nurse Anesthesia Clinical Courses

Beginning Level

- DNAP 7550 Introduction to Clinical Experience (2 hour)
- DNAP 7650 Clinical Experience I (2 hours)
- DNAP 7750 Clinical Experience II (2 hours)
- DNAP 7850 Clinical Experience III (2 hours)

Intermediate Level

- DNAP 8050 Clinical Experience IV (2 hours)
- DNAP 8150 Clinical Experience V (2 hours)
- DNAP 8250 Clinical Experience VI (2 hours)
- DNAP 8350 Clinical Experience VII (2 hours)
- DNAP 8450 Clinical Experience VIII (2 hours)

Advanced Level

- DNAP 8550 Clinical Experience IX (2 hours)
- DNAP 8650 Clinical Experience X (2 hours)

Required Thesis Courses

- DNAP 7501, DNAP 7502, DNAP 7503, DNAP 7504, DNAP 7505, DNAP 7506, DNAP 7507, DNAP 7508; Research/Thesis Project I-VIII (8 hours)

Total required: 141 credit hours

Requirements

Academic Performance

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Requirements

Academic Performance

Students must earn a minimum cumulative GPA of 3.0 during the course of graduate study and are permitted only one course grade of C.

Continuous Enrollment

Graduate students enrolled in the DNAP CRNA completion program must maintain continuous enrollment or requires special permission from the Program Director.

Admission

See the Admission section of this catalog for general admission requirements. Students interested in applying must submit their application online at www.webster.edu/apply. Transcripts should be sent from your institution electronically to transcripts@webster.edu. If this service is not available, send transcripts to:

Office of Admission
Webster University
470 E. Lockwood Ave.
St. Louis, MO 63119

Additional Requirements

Requirements for admission to the doctor of nurse anesthesia practice (CRNA completion) program include:

- Master's degree in nurse anesthesia from an accredited institution.
- A cumulative GPA of 3.0 on a 4.0 scale.
- Official transcripts from **all** universities, colleges and professional schools.
- A minimum of one year of practice as a CRNA or verification of a 4-credit hour Advanced Health Assessment course.
- Proof of current CRNA license from NURSYS.com*; report should include all licenses and expirations.
- A current résumé.*
- A letter of reference from a supervisor that can attest to CRNA practice. References are requested through the application.

*These required materials must be electronically uploaded to the application account.

Application Process

Please visit the Webster University Doctor of Nurse Anesthesia Practice webpage for the Application Deadline date: https://www.webster.edu/science-health/nurse-anesthesia/nurse-anesthesia.php.

Submit all the following documents to the Office of Admissions; address is below.

1. A completed DNAP CRNA Completion degree online application
2. A non-refundable application fee
3. Official transcripts from professional program
4. A current resume
5. Current copy of CRNA credential
6. A letter of reference from a supervisor that can attest to CRNA practice

Completed application files will be reAu5 /F3 18 Tf 1 095e trans2 00378 363.24398804 Tm [(; rrf>]7n3MC 24>> BuC 24>> epar BTe-1 24>sET EMC /P <</M(