NA-Nursing-Nurse Anesthesia

NA 697. Special Topics. 3 Hours.
Review of specialty concepts as presented in Anesthesia Pathophysiology I, Anesthesia Pathophysiology II, and Anesthesia for Surgical Specialties.

NA 698. Graduate Project. 2 Hours.
Critical review of literature for an anesthesia topic with preparation of a scholarly product for dissemination.

NA 702. Anatomy & Physiology for Nurse Anesthetists. 6 Hours.
This course is a study of histology, genetics, human anatomy and physiology, with an emphasis in neuroanatomy and neurophysiology. NA 702 integrates the structure, function, and organization of nervous tissue from the cellular through gross anatomic aspects including central, peripheral, and autonomic portions of the system. The course includes a series of clinical correlation laboratory experiences, team-based learning projects, and lectures designed to support and augment basic science content.
Prerequisites: NA 720 [Min Grade: B] or NA 731 [Min Grade: B]

NA 708L. Anesthesia Practicum I. 2 Hours.
This course is designed to provide a foundation in the basic principles and practice of nurse anesthesia. During this semester, clinical experiences are designed to provide the students with development of anesthesia practice, and to apply knowledge of basic and advanced principles of anesthetic management in surgical specialty areas.
Prerequisites: NA 721 [Min Grade: B] and NA 740 [Min Grade: B] and NA 770 [Min Grade: B] and NUR 614 [Min Grade: B]

NA 709L. Anesthesia Practicum II. 3 Hours.
This course is designed to provide a foundation in the basic principles and practice of nurse anesthesia. During this semester, clinical experiences are designed to provide the students with continues development of anesthesia practice, and to apply knowledge of basic and advanced principles of anesthetic management in surgical specialty areas.
Prerequisites: NA 708L [Min Grade: P] and NA 741 [Min Grade: B] and NA 750 [Min Grade: B] and NA 771 [Min Grade: B]

NA 710L. Anesthesia Practicum III. 5 Hours.
This course is designed to provide a foundation in the basic principles and practice of nurse anesthesia. During this semester, clinical experiences are designed to provide the students with continued development of anesthesia practice, and the apply knowledge of basic and advanced principles of anesthetic management in surgical specialty areas.
Prerequisites: NA 709L [Min Grade: P] and NA 745 [Min Grade: B] and NA 733 [Min Grade: B]

NA 711L. Anesthesia Specialty Immersion I. 5 Hours.
This course is designed to provide advanced clinical experiences requisite for preparation consistent with a doctoral evidence-based practice of nurse anesthesia. During this semester, clinical experiences are designed to provide the advanced student with clinical experiences to further their knowledge base towards a doctoral level.
Prerequisites: NA 710L [Min Grade: P] and NA 740 [Min Grade: B] and NA 742 [Min Grade: B]

NA 712L. Anesthesia Specialty Immersion II. 5 Hours.
This course is designed to provide advanced clinical experiences requisite for preparation consistent with a doctoral evidence-based practice of nurse anesthesia. During this semester, clinical experiences are designed to provide the advanced students with clinical experiences to further their knowledge base towards a doctoral level.
Prerequisites: NA 711L [Min Grade: P] and NA 795 [Min Grade: P] or NA 795 [Min Grade: B] and NUR 738L [Min Grade: P] or NUR 738L [Min Grade: B]

NA 713L. Anesthesia Specialty Immersion III. 5 Hours.
This course is designed to provide advanced clinical experiences requisite for preparation consistent with a doctoral evidence-based practice of nurse anesthesia. During this semester, clinical experiences are designed to provide the advanced student with clinical experiences to further their knowledge base towards a doctoral level.
Prerequisites: NA 712L [Min Grade: P] and NA 796 [Min Grade: P] or NA 796 [Min Grade: B] and NUR 739L [Min Grade: P]

NA 718L. Focus on Advanced Nursing Practice Specialization. 4 Hours.
The purpose of this course will be the study of specialty track specific topics. The focus of the course will be on providing foundational materials for specialized areas of advanced nursing practice. Emphasis is on exploring specific advanced nursing practice competencies.
Prerequisites: NA 702 [Min Grade: B] and NA 731 [Min Grade: B] and NUR 735 [Min Grade: B] and NQI 702 [Min Grade: B]

NA 720. Anesthesia Pharmacology I. 3 Hours.
This course is designed to provide the nurse anesthesia student with knowledge of various non-anesthetic pharmacological agents and their anesthetic implications. During this course, students will learn pharmacological principles related to advanced practice nursing at the doctoral level.

NA 721. Anesthesia Pharmacology II. 3 Hours.
This course is designed to provide the nurse anesthesia student with knowledge of various anesthetic pharmacological agents and their anesthetic implications. During this course, students will build upon knowledge gained from NA 720, and further master advanced pharmacological principles related to advanced practice nursing at the doctoral level.
Prerequisites: NA 702 [Min Grade: B] and NA 731 [Min Grade: B]

NA 731. Biochemistry & Physics for Nurse Anesthetists. 4 Hours.
This course provides a solid chemistry, biochemistry, and physics foundation that is necessary for the safe practice of nurse anesthesia. Students will gain an understanding of these sciences, their clinical relevance, and how they apply to human beings and anesthesia equipment. This course is foundational in nature and success will help the student prepare for upcoming clinical anesthesia management courses.
Prerequisites: NA 720 [Min Grade: B]

NA 733. Theory, Concepts and Writing for Nurse Anesthetists. 3 Hours.
The purpose of this course is to provide an introduction to the field of nursing informatics for nurse anesthetists. This course focuses on the collection, organization, analysis, and dissemination of information in nurse anesthesia and health care. Students are introduced to the information system life-cycle and the use of technology to enhance nursing care delivery and patient safety in perioperative settings.
NA 740. Anesthesia Principles I. 4 Hours.
The purpose of this course is to provide a beginning foundation for
students to plan and implement safe anesthesia care in healthy patients.
The focus of this course is the study of scientific foundations of nurse
anesthesia practice. The emphasis on designing and implementing
individualized anesthesia care plans, principles of anesthesia induction,
maintenance, emergence, anesthesia complications ion the health
patient, routine and difficult airway management, and the principles of
nurse anesthesia role transition and practice standards.
Prerequisites: NA 702 [Min Grade: B] and NA 731 [Min Grade: B]