CORE COURSES:

		CR
561	Advanced Phys. Concepts-Health Care I	3
562	Advanced Phys. Concepts-Health Care II	3
Total		6

NURSING ANESTHESIA (NA)

642	Anesthesia Techniques, Procedures and Simulation Lab	4
640	Scientific Components of NA	3
643	Advanced Health Assess. & Prin. of NA I	4
645	Advanced Health Assess. & Prin. of NA II	4
641	Advanced Pharmacology for NA I	3
644	Advanced Pharmacology for NA II	3
647	Professional Roles for Nurse Anesthetist	2
637	NA Residency I	4
646	NA Residency II	4
648	NA Residency III	4
649	NA Residency IV	4
609	Advanced Pathophysiology for NA	3
Total		42

DNP COURSES

603	Theoretical Basis	3
607	Policy Issues	2
619	Principles of Evidence-Based Practice	3
700	Information Management in Health Care	3
705	Clinical Nurse Scholar I	3
706	Clinical Nurse Scholar II	4
707	Clinical Scholar Residency	3
708	DNP Project I	3
709	DNP Project II	3
710	Advanced Healthcare Statistics	3
712	Fiscal Management in Healthcare	3
713	Advanced Leadership in Healthcare	3
714	Synthesis and Application of Evidence for Advanced Practice Nurses	3
715	Fundamentals of Public Health Epidemiology	3
848	Program Evaluation in Nursing	3
Total		45

Total credit hours for
Nurse Anesthesia Program   93

Prerequisite: Graduate level statistics course

Within the School of Nursing, up to a maximum of 20 credits can be transferred to The University of Akron as a degree-granting institution.

Accreditation: The program is **pending** accreditation by the Council on Accreditation of Nurse Anesthesia Educational Program, and the American Association of Colleges of Nursing for Post-BSN to DNP.

Employment: Limited student employment of one day per week as an RN is allowed in the first 12 months as long as progress is satisfactory in the program. Employment for the last 15 months of residency is discouraged due to both academic and clinical responsibilities. Students are **not allowed** to work at any time as an anesthesia provider.

Student Financial Aid Loans, stipends, grants and scholarships are available on a limited basis.

Non-discrimination Statement: The program does not discriminate on the basis of race, color, religion, age, gender, nationality, marital status, disability, sexual orientation, or any factor protected by law.
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ANESTHESIA PROGRAM MISSION

The primary purpose of the Nurse Anesthesia Program at The University of Akron is to educate registered nurses in the science and art of anesthesia so that they will become efficient and skilled in using various techniques of anesthesia in an intelligent, scientific, and safe manner. Faculty is committed to provide a dynamic, progressive educational program that facilitates students' professional and personal growth.

ADDITIONAL INFORMATION

Information in this brochure is subject to change. Call program office for additional information at 330-972-7555

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Nurse Anesthesia Program
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Useful Web Sites:

The University of Akron Nurse Anesthesia Program
AANA Become a CRNA
COA Accredited Programs
NBCRNA (Public)

NURSE ANESTHESIA

PROGRAM

Post BSN to DNP CRNA

ANESTHESIA PROGRAM PHILOSOPHY

The University of Akron Nurse Anesthesia Program recognizes the Certified Registered Nurse Anesthetist as a vital contributor to the anesthesia health care services provided to the community. Of prime concern is the welfare of all patients for whom our graduates will administer anesthesia in the future. The spirit within our program is developed from a loyalty to the education of our students; respect for our program, faculty, and students; pride in the University and the affiliate Departments of Anesthesia. In addition, there is the general belief that all people within this consortium are striving for the same goal: the comfort and care of humankind.

It is our belief that the education of the nurse anesthetist will include thorough instruction in the sciences related to anesthesia, a broad-based foundation in health care delivery, and ample opportunity to become adept in the technical skills necessary to administer physiologically sound anesthesia care. To provide this education to student nurse anesthetists, university educators and anesthesia practitioners strive to create and preserve an atmosphere that is student oriented. Anesthesiologists, Certified Registered Nurse Anesthetists, residents and student nurse anesthetists function as an anesthesia care team in the clinical setting, each giving his/her highest level of expertise for the benefit of the patient and the development of the ongoing educational process.

ANESTHESIA PROGRAM DESCRIPTION

The Nurse Anesthesia Program prepares Registered Nurses to become Certified Registered Nurse Anesthetists (CRNAs). Students are given the opportunity to integrate classroom content with direct application of state-of-the-art techniques in the provision of anesthesia care to patients in all risk categories. Graduates are prepared to administer perioperative anesthesia care to patients of all ages in a variety of health care settings. The Nurse Anesthesia Program is based on a continuum of perioperative anesthesia nursing care. This care includes preoperative assessment, formulating an anesthesia management plan, the administration of anesthetic agents and adjunct therapeutics, and the provision of appropriate consultation during the postoperative period.

A concentrated program of theory and clinical study prepares the student to be a qualified, caring professional,

practicing in an advanced nursing specialty providing anesthesia services in a variety of settings as a member of a multidisciplinary health care team. The curriculum includes advanced study in nursing, professional role issues, and research methodology combined with a broad foundation in biophysical sciences, pharmacology and principles of anesthesia. Graduates are responsible and accountable for their individual professional practice. They are capable of exercising independent judgment within their scope of competence and accepting the responsibility for rendering professional services and evaluating the probable effect of those services upon the patient.

Students rotate through a variety of clinical sites that offer experience in a wide variety of clinical settings with diverse patient populations. Students become proficient in utilizing a variety of anesthetic techniques, providing clinical management, and participating in the life support for these patient populations. Each student administers approximately 800-1200 anesthetics and provides approximately 1400-2100 hours of direct anesthetic management of cases. Program enrichment is provided by specialty rotations in neurosurgical, cardiothoracic, pediatric, and obstetric anesthesia. Throughout the program students learn to collaborate with other qualified health care professionals.
Clinical residencies are an integral part of the program throughout assisting the graduate student to incorporate their expertise in critical care nursing with new didactics and skill sets in the anesthetic care of the patient. Advanced practice nursing role preparation and anesthesia nursing research are integrated into the preparation of nurse anesthesia care providers, teachers, and leaders who will influence the nursing profession and health care.

Courses are taught by Certified Registered Nurse Anesthetists (graduate anesthesia courses) and other UA School of Nursing faculty (graduate nursing courses). Experts in related fields frequently act as guest lecturers and enhance the interrelationship of the numerous health care providers involved in patient care. The curriculum is consistently being evaluated by both faculty and students and undergoes revisions as needed to stay current and applicable to contemporary nurse anesthesia practice. The program meets or exceeds all standards and recommendations of the Council on Accreditation of Nurse Anesthesia Educational Programs and has demonstrated full accreditation status. Successful completion of the program requirements leads to a Doctor of Nursing Practice degree and graduates are eligible to take the certifying examination of the Council on Certification of Nurse Anesthetists.

EDUCATIONAL OBJECTIVES

Prior to graduation each student will have acquired knowledge, skills and competencies in patient safety, perianesthetic management, critical thinking, communication, leadership and the professional role.

A. Patient safety is demonstrated by the ability of the student to:
- Be vigilant in the delivery of patient care.
- Refrain from engaging in extraneous activities that abandon or minimize vigilance while providing direct patient care.
- Conduct a comprehensive and appropriate equipment check
- Protect patients from iatrogenic complications.

B. Individualized perianesthetic management is demonstrated by the ability of the student to:
- Provide individualized care throughout the perianesthetic continuum
- Deliver culturally competent perianesthetic care throughout the anesthesia experience
- Provide anesthesia services to all patients across the lifespan
- Perform a comprehensive history and physical assessment
- Administer general anesthesia to patients with a variety of physical conditions
- Administer general anesthesia for a variety of surgical and medically related procedures
- Administer and manage a variety of regional anesthetics
- Maintain current certification in ACLS and PALS

C. Critical thinking is demonstrated by the student's ability to:
- Apply knowledge to practice in decision making and problem solving
- Provide nurse anesthesia services based on evidence-based principles
- Perform a preanesthetic assessment before providing anesthesia services
- Assume responsibility and accountability for diagnosis
- Formulate an anesthesia plan of care before providing anesthesia services

- Identify and take appropriate action when confronted with anesthetic equipment-related malfunctions
- Interpret and utilize data obtained from noninvasive and invasive monitoring modalities
- Calculate, initiate, and manage fluid and blood component therapy
- Recognize, evaluate, and manage the physiological responses coincident to the provision of anesthesia services.
- Recognize and appropriately respond to anesthetic complications that occur during provision of anesthesia services.
- Use science-based theories and concepts to analyze new practice approaches
- Pass the Council on Certification of Nurse Anesthetists' (CRNA) certification examination in accordance with NBCRNA policies and procedures

D. Communication skills are demonstrated by the student's ability to:
- Utilize interpersonal and communication skills that result in the effective exchange of information and collaboration with patients and their families.
- Utilize interpersonal and communication skills that results in the effective interprofessional exchange of information and collaboration with other healthcare professionals.
- Respect the dignity and privacy of patients while maintaining confidentiality in the delivery of interprofessional care.
- Maintain comprehensive, timely, accurate, and legible healthcare records.
- Transfer the responsibility for care of the patient to other qualified providers in a manner that assures continuity of care and patient safety.
- Teach others.

E. Leadership
- Integrate critical and reflective thinking in his or her leadership approach.
- Provide leadership that facilitates intraprofessional and interprofessional collaboration.

F. Professional role is demonstrated by the student's ability to:

- Adhere to the *Code of Ethics for the Certified Registered Nurse Anesthetist*.
- Interact on a professional level with integrity.
- Apply ethically sound decision-making processes.
- Function within legal and regulatory requirements.
- Accept responsibility and accountability for his or her practice.
- Provide anesthesia services to patients in a cost-effective manner.
- Demonstrate knowledge of wellness and substance use disorder in the anesthesia profession through completion of content in wellness and substance use disorder.
- Inform the public of the role and practice of the CRNA.
- Evaluate how public policy making strategies impact the financing and delivery of healthcare.
- Advocate for health policy change to improve patient care.
  Advocate for health policy change to advance the specialty of nurse anesthesia.
- Analyze strategies to improve patient outcomes and quality of care.
- Analyze health outcomes in a variety of populations.
- Analyze health outcomes in a variety of clinical settings.
- Analyze health outcomes in a variety of systems.
- Disseminate research evidence.
- patient care. Use information/technology to support and improve patient care
- Use information/technology to support and improve healthcare systems.
- Analyze business practices encountered in nurse anesthesia delivery settings.

ADMISSION REQUIREMENTS

Individuals intending to enroll in the Nurse Anesthesia Program must have:

- Current Ohio State unencumbered license as a registered nurse. In addition, an applicant must not have had a previous revocation, denial, suspension, or restriction of their license from any state or country
- Graduate of a CCNE or NLN accredited baccalaureate nursing program

- BSN degree (must include min. of 3 hrs. of chemistry, 6 hours of anatomy & physiology, and 3 hrs. of microbiology)
- Transcripts of all undergraduate coursework. A minimum of a 3.0 GPA on a 4.0 scale (or the equivalent) for **all** nursing degrees and science grades are required for admission
- Critical Care Registered Nurse certification (CCRN)
- Current ACLS & PALS certification
- A minimum of one year of professional nursing experience at the time of interview in an **adult** critical care setting; e.g., ICU, CCU, SICU, MICU
- Shadow a CRNA for a minimum of 16 hours
- Three references from individuals who can accurately evaluate the applicant's clinical skills, experience, and ability to pursue graduate study.
- A 300-word essay detailing professional goals and why they want to become a CRNA

Applicants meeting requirements will be considered for an interview with members of the Nurse Anesthesia Program Admissions Committee.

SCHEDULE OF EVENTS RELATED TO ADMISSION

- Applications for admission must be completed by the first business day in August before the interview.
- Interviews are held in September-October. Specific dates are announced yearly.
- The start of the program is in June of the year, following acceptance in October.

RIGHTS OF APPLICANT

- Expect honesty from the program and the program's publications.
- Expect fair and equal evaluation and consideration when applying for a position in the program.