Master of Science in Nurse Anesthesia

Note: This fact sheet does not include the program specific curriculum. To access the curriculum from the program's webpage, click one of the links below the section titled "Degrees Offered."

The Master of Science in Nurse Anesthesia (MSNA) Program has been designed for the baccalaureate-prepared registered nurse who wishes to become a nurse anesthetist. The program offers both didactic and clinical education to enable the graduate student to acquire the knowledge, skills and competence necessary to assume an advanced practice role.

DEGREES OFFERED

- Master of Science in Nurse Anesthesia

PROGRAM INFORMATION

The purposes of the Master of Science in Nurse Anesthesia (MSNA) Program are to prepare nurses to assume an advanced role on the health care team as a Certified Registered Nurse Anesthetist (CRNA) and to provide for the continuing needs for nurse anesthetists in the community, state and region.

Program Accreditation

***Accreditation update**
Newman University nurse anesthesia program receives 10-year accreditation, new site approval from national agency.

The NU MSNA Program is fully accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs, the Kansas State Board of Nursing and North Central Association of Colleges and Schools. The Council on Accreditation is a specialized accrediting body recognized by the Council on Post-Secondary Accreditation and the United States Department of Education.

Curriculum

The Master of Science in Nurse Anesthesia (MSNA) Program is a twenty-four month course of study leading to a master's degree in nurse anesthesia. This program includes a didactic portion conducted at Newman University and a clinical anesthesia component to be carried out at local and regional hospitals. The first semester is primarily didactic, allowing the student to acquire the basic and advanced skills necessary for the safe administration of anesthesia.

During the second semester the student continues didactic instruction and receives an introduction to the practice of clinical anesthesia under the supervision of adjunct faculty who are Certified Registered Nurse Anesthetists (CRNA) and anesthesiologists. As the student progresses through the program, didactic instruction lessens while clinical time and case complexity increases. Second year students explore professional leadership issues while assuming greater responsibility in the hospital through increased call and leadership.

The emphasis in the classroom is on anatomy, physiology, pathophysiology, biochemistry, chemistry, physics, and pharmacology as they relate to anesthesia. The clinical component includes variety of anesthesia techniques and procedures for all types of surgery and obstetrics. The student will spend approximately 50 hours per week in the classroom and clinical area during 24-month program.

The programs consists of six continuously-running semesters throughout the year for a total of 60 credit hours.

Objectives

Upon completion of the program, the student will be able to:

- Integrate chemistry, pharmacology, pharmacokinetics and pharmacokinetics of anesthesia and adjunct drugs into working care plans
- Recognize chemical structures of anesthesia and adjunct drugs and make lateral applications based upon drug profiles and kinetics
- Discuss normal physiology and anatomy of the central nervous system, respiratory system, cardiovascular system, renal system, endocrine system and digestive system
- Discuss the normal physiologic changes of pregnancy, the physiologic changes in disease/high risk states in pregnancy, and apply the information in the administration of anesthesia to the parturient for delivery and surgical conditions not resulting in delivery
- Explain the pathophysiology of various congenital heart diseases, coronary artery disease, and adult valvular heart disease
- Identify the anatomy necessary to safely administer regional anesthesia;
- Discuss issues related to the practice of nurse anesthesia, including ethics, history, reimbursement, managed care and the business of anesthesia
- Design and conduct a research project

Instructional Techniques

One-to-one instructor/student ratio, lecture, lab, self-directed study, and structured learning. Clinical portion consists of hands-on approach to the administration of anesthesia.

Non-Discrimination

Because of the nature and intensity of the work, disabled students will be assessed on an individual basis in relation to their ability to meet the didactic and clinical

requirements of the curriculum.

PROMINENT CAREERS

Nurse anesthetists administer approximately 65 percent of the 26 million anesthetics given to patients in the U.S. each year, and have many opportunities for general or specialty practice throughout the U.S. CRNAs are one of the best-paid nursing specialties, reporting an average annual salary of $157,390 in 2012. Because Newman's CRNA Program is so thorough, its graduates are held in high regard and find they are in great demand in the job market. Currently, there is a 12 percent vacancy rate for nurse anesthesia positions.

EXPERT, ACCESSIBLE FACULTY

The Master of Science in Nurse Anesthesia program consists of a group of carefully selected scholarly and professional practitioners who creatively introduce students to emerging theory and current best practices.

Newman Graduates regularly cite close collaboration with talented, dedicated faculty as one of their most meaningful experiences at Newman.

Newman faculty members are more than just leaders in their field. They take an active and personal role in students' studies and progress, forming strong relationships with students through coursework, special projects and informal out of class discussions.

ACCREDITATION

Newman University is accredited by The Higher Learning Commission of the North Central Association of Colleges and Schools, www.ncahigherlearningcommission.org.

FINANCIAL AID

With many scholarships, grants, work-study and company tuition assistance programs available, the cost of a degree from Newman University is comparable to that of state universities.

PROGRAM CONTACT

For more information about this program, visit the program's webpage on the Newman University website and click the link "Request more info".

To contact Newman University Admissions, office hours are 8 a.m. to 6 p.m., Monday-Thursday and 8 a.m. to 5 p.m. on Friday. For a personal appointment call 316-942-4291, ext. 2144 or e-mail admissions@newmanu.edu. Call us Toll-Free at 877-NEWMAN (639-6268) or visit our website at www.newmanu.edu.