



## Nurse Anesthetist MSN Specialty

The Nurse Anesthetist MSN specialty is based at UMDNJ's Newark campus. The program operates in collaboration with University Hospital in Newark, New Jersey, where students have their clinical experiences in addition to numerous enrichment rotations at affiliated medical centers in NJ & NY. The program is accredited by The Council on Accreditation of Nurse Anesthesia Educational Programs. Graduates will be eligible for the National Certifying Examination administered by the Council on Certification of Nurse Anesthetists, successful completion of which is a requirement for practice as a Certified Registered Nurse Anesthetist (CRNA).

**Role and Qualifications:** The graduate will receive a Master of Science in Nursing (MSN) degree and advanced preparation in health assessment, anatomy and physiology, pathophysiology, pharmacology, anesthesia and perioperative management.

**Role Functions:** The Nurse Anesthetist will:

- Perform a detailed and complete patient assessment including history and physical examination and request and review of laboratory data and pertinent information from the medical record
- Develop a plan of anesthesia care based on scientific theory related to the patient's past and present medical/nursing history and surgical requirements
- Incorporate patient safety considerations with regard to equipment check, positioning, and anesthetic administration
- Administer general, regional, IV sedation, and local anesthesia
- Evaluate and adapt the anesthetic plan based on patient response and surgical considerations, utilizing physiologic and pharmacologic theories

**Curriculum:** The 72-credit (28 months, 7 terms of full-time graduate study).

Course #	Course Title	Cr. Hrs.
<b>Level 1: Fall (Total Credits: 19)</b>		
NURS 5104*	Advanced Pathophysiology	3
NURS 5102*	Nursing Research	4
CRNA 5112:	Physics and Chemistry	3
CRNA 5111:	Advanced Physiology	3
CSPD 5107	Clinical Skills & Physical Diagnosis	3
NURS 5105*	Clinical Pharmacology	3
<b>Level 2: Spring (Total Credits: 12)</b>		
CRNA 5312:	Pharmacology of Anesthetics	3
CRNA 5212:	Anesthesia & Co-Existing Disease	3
CRNA 5211:	Principles & Practice I	2
CRNA 5413:	Regional Anesthesia	2
NURS 5402:	Intro to the Advanced Practice Role	1
CRNA 5801:	Clinical I	1
<b>Level 3: Summer (Total Credits: 8)</b>		
CRNA 5311:	Principles & Practice II (Cardiac)	2
CRNA 5513:	Pediatric Anesthesia	2
CRNA 5512:	Obstetrical Anesthesia	2
CRNA 5802:	Clinical II	2
<b>Level 4: Fall (Total Credits: 9)</b>		
CRNA 5412:	Pharmacology of Accessory Drugs	3
CRNA 5411:	Principles & Practice III (Neuro)	2
CRNA 5803:	Clinical III (Full time)	4

Course #	Course Title	Cr. Hrs.
<b>Level 5: Spring (Total Credits: 9)</b>		
CRNA 5414:	Principles of Pain Management	1
CRNA 5511:	Principles & Practice IV (ENT & Adv Airway)	2
CRNA 5612:	Trauma & Emergency Anesthesia	2
CRNA 5804:	Clinical IV (Full time)	4
<b>Level 6: Summer (Total Credits: 7)</b>		
CRNA 5613:	Directed Research/ Evidence-Based Practice	1
CRNA 5611:	Principles & Practice V (Endo/Orth)	2
CRNA 5805:	Clinical V (Full time)	4
<b>Level 7: Fall (Total Credits: 8)</b>		
NURS 5403:	Advanced Practice Nursing Role Transition	2
CRNA 5711:	Principles & Practice VI (GI/Hepatic/Renal)	2
CRNA 5806:	Clinical VI (Full time)	4

\* Course may be taken prior to semester 1