



# MURRAY

## STATE UNIVERSITY

### Department of Nursing

your world  
to explore

Master of Science in Nursing

## Advanced Nursing Practice Nurse Anesthesia

### Purposes

The overall purposes of the master's degree in Nursing are to prepare advanced practice nurses and advanced nursing practice specialists to:

- provide advanced nursing care specific to the health needs of adults, families, or individuals across the lifespan
- advance and extend nursing knowledge and skill through research and evidence-based practice
- assume an advanced nursing leadership role within the educational and health care delivery systems
- acquire a foundation for doctoral study.

The Nurse Anesthetist is an advanced practice nurse who provides nursing care specific to anesthetic requirements across the lifespan in a variety of practice settings. The curriculum prepares the student to write the AANA certification exam.

The Trover Health System/Murray State University Program of Anesthesia offers a graduate degree in nurse anesthesia as a collaborative effort between **Trover Health System** and **Murray State University**. The program is dedicated to graduating nurse anesthetists of the highest professional competence residing in a rural area who are

committed to returning to rural areas to practice. **Regional Medical Center**, Madisonville, KY and **St. Claire Regional Medical Center**, Morehead, Ky., serve as primary clinical sites.



### Admission Requirements

- Admission to Murray State and the Department of Nursing.
- Baccalaureate and master degrees in nursing from an NLNAC or CCNE accredited school or the equivalent.
- Kentucky licensure and/or licensure to practice as a registered nurse in the state of anticipated preceptorship.
- Proof of liability insurance for advanced practice nursing, current immunizations, hepatitis vaccine or signed waiver, and TB testing are required before enrollment in clinical nursing courses. Please send copies of these to the Graduate Coordinator, Department of Nursing.
- GPA of 3.0 on a 4.0 scale - GRE minimum 1,000
- For international applicants: RN licensure in Kentucky and/or licensure to practice as a registered nurse in the state of anticipated preceptorship, TOEFL paper-based score 550 or TOEFL internet-based score of 79-80 (iBT).
- Minimum one year full-time Registered Nurse experience (or 2,000 clock hours) prior to application deadline for all options; however, for the Nurse Anesthesia option this experience must be in intensive care.
- Three favorable recommendations on forms downloaded from the website. **Recommendations must be mailed from the reference directly to the Graduate Coordinator and not via the applicant.** Recommendations may determine invitation for interview.
- Successful interview.
- Current BLS certification; current BLS, ACLS and PALS certification for NA option only.
- One year RN experience required for FNP option; one year RN experience in intensive care *prior to application deadline* required for NA option.
- Students who request admission to Murray State University's Master of Science in Nursing Program must be in good standing at previously and/or currently enrolled programs.
- The Graduate committee will review all completed application packages and offer interviews to the most qualified applicants.

### Admission Procedure

- All applicants must submit the MSU application for graduate admission, and request official transcripts be sent from each and all previous colleges attended to:  
Graduate Admission and Registrar's Office,  
Murray State University  
113 Sparks Hall  
Murray, KY 42071-3312
- There is an application fee that must accompany the MSU application.
- All applicants must submit the Department of Nursing's application for admission for advanced practice nursing to:  
Graduate Coordinator, Division of Graduate Nursing  
Murray State University  
120 Mason Hall  
Murray, KY 42071-3302
- Selected applicants will be notified of a required formal interview with the Graduate Selection Committee.
- **All materials (including recommendations) must be received by November 1.** Applications submitted after the appropriate date will be considered on a space-available basis.
- Each student will be admitted without regard to race, creed, ethnic origin, age, gender, disability or marital status.
- To check the status of applications, contact: Dr. Nancey France at [nancey.france@murraystate.edu](mailto:nancey.france@murraystate.edu).

The MSN program is accredited through the Commission on Collegiate Nursing Education (CCNE) and the Council on Accreditation of Nurse Anesthesia Educational Programs.

### Nurse Anesthesia Curriculum Outline

- Prerequisites: Physiology, Anatomy, CHE 111 or equivalent, Statistics (one course with both descriptive and inferential statistics content), Nursing Research, Nursing Health Assessment, GRE minimum 1,000
- Minimum one year full-time Registered Nurse experience (or 2,000 clock hours) prior to application deadline for all options; however, for the Nurse Anesthesia option this experience must be in intensive care.

**Students must have personal access to complete online computer services and the software required for courses.**

#### Advanced Nursing Core (online)

NUR 603	Concepts and Theories in Nursing	3
NUR 605	Issues In Rural Health Care	3
NUR 630	Research in Nursing	3
NUR 631	Evidence-Based Clinical Practice	3

#### Clinical Core Courses (online)

NUR 673	Pathophysiology for Advanced Nursing Practice	3
NUR 641	Advanced Nursing Assessment	4

#### Specialty Courses

NUR 606	Scientific Foundations in Anesthesia I	3
NUR 607	Scientific Foundations in Anesthesia II	2
NUR 608	Scientific Foundations in Anesthesia III	2
NUR 609	Scientific Foundations in Anesthesia IV	2
NUR 632	Principles of Anesthesia Practice I	4
NUR 633	Principles of Anesthesia Practice II	2
NUR 634	Principles of Anesthesia Practice III	2
NUR 635	Principles of Anesthesia Practice IV	3
NUR 636	Pharmacology Nurse Anesthesia I	2
NUR 637	Pharmacology Nurse Anesthesia II	3
NUR 638	Pharmacology Nurse Anesthesia III	2
NUR 651	Clinical Practicum I	3
NUR 652	Clinical Practicum II	3
NUR 653	Clinical Practicum III	3
NUR 655	Seminar in Nurse Anesthesia I	3
NUR 656	Seminar in Nurse Anesthesia II	3
NUR 660	Professional Aspects of Nurse Anesthesia Practice	3

**Total Credit Hours 64**

**Note:** All degree requirements must be completed within three calendar years. Clinical hours are based on cases managed, not a credit hour/clinical ratio. 64 credit hours; minimum 1,000 cases; full-time option only



**Download all application materials from our website:**

**<http://www.murraystate.edu/academics/hshs/nurse/msn.htm>**

**or contact the graduate coordinator**

**Dr. Nancey E.M. France**

nancey.france@murraystate.edu or 270.809.6671

Murray State University endorses the intent of all federal and state laws created to prohibit discrimination. Murray State University does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age, veteran status, or disability in employment, admissions, or the provision of services and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford individuals with disabilities equal access to participate in all programs and activities. For more information, contact Sabrina Y. Dial, Director of Equal Opportunity, Murray State University, 103 Wells Hall, Murray, KY 42071-3318. Telephone: 270.809.3155 (voice), 270.809.3361 (TDD).