



# **Doctor of Nursing Practice Nurse Anesthesia Program**

# Welcome to the Community!

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- NKU
- College of Health Professions (CHP)
  - Department of Nursing
    - NAP
    - DNP
    - MSN
    - BSN
  - Department of Allied Health
    - Radiology
    - Radiation Therapy
    - Health Science
    - Respiratory Care

# Description

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- 36 months in length
  - 106 semester credit hours
- Culminating in a DNP with nurse anesthesia specialization
- Graduates are eligible for:
  - National Certification Exam
  - Assume role as APRN/CRNA

# Accreditation

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- NKU NAP is fully accredited by the Council on Accreditation (COA) of Nurse Anesthesia Educational Programs through May, 2022.
- **Council on Accreditation**
  - 222 S. Prospect Ave., Park Ridge, IL 60068-4001
  - Phone: 847-655-1166



# Why Choose NKU NAP?



# Why Choose NKU NAP????

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- Exceptional learning opportunities in our state-of-the-art 20,000 square feet of simulation training space, at the new Heath Innovation Center (HIC).
- Specialty focused local and regional clinical case experiences.
- Access to all NKU academic and campus resources, including the redesigned 169,000-sf recreation complex.
- High quality, innovative and evidence-based teaching and education provided by certified and experienced clinical experts.



# Plan of Study



<b>Year 1</b>	<b>Summer Semester 2017</b>	<b>Cr</b>	<b>Fall Semester 2017</b>	<b>Cr</b>	<b>Spring Semester 2018</b>	<b>Cr</b>
	DNP 868/BIO 868 Physiology & Pathophysiology I	4	DNP 869/BIO 869 Physiology & Pathophysiology II	4	DNP 853 Basic Principles of Anesthesia II	3
	DNP 850 Chemistry and Physics for Anesthesia	3	DNP 852 Basic Principles of Anesthesia I (Sim Lab 120 hours)	3	DNP 856 L Introduction to Clinical (Sim/OR 120 clinical hours)	1
	DNP 802 Role Development*	3	DNP 800 Theory and Research for EBP*	3	DNP 855 Advanced Pharmacology I	3
	DNP 880/BIO 880 Anatomy for Anesthesia	4	DNP 816 Analysis & Application of Health Data for ANP*	3	DNP 854 Advanced Health Assessment	3
					DNP 801 Epidemiology*	3
	<b>Total</b>	<b>14</b>	<b>Total</b>	<b>13</b>	<b>Total</b>	<b>13</b>
<b>Year 2</b>	<b>Summer Semester 2018</b>		<b>Fall Semester 2018</b>		<b>Spring Semester 2019</b>	
	DNP 865 Advanced Pharmacology II	3	DNP 864 Advanced Principles of Anesthesia II	3	DNP 862 L Anesthesia Practicum III (480 Sim/OR clinical hours)	4
	DNP 863 Advanced Principles of Anesthesia I	4	DNP 861 L Anesthesia Practicum II (Sim/OR 400 clinical hours)	4	DNP 804 Economics and Finance Aspects in Healthcare*	3
	DNP 860 L Anesthesia Practicum I (Sim/OR 360 clinical hours)	3	DNP 803 Leadership in Organizations and Systems*	3	DNP 851 Professional Aspects/Role Development in Nurse Anesthesia**	2
	DNP 806 Program Development, Implementation & Evaluation*	3	MHI 815 Informatics for Advanced Practice*	3	DNP 896 Project/Practicum*	1
	DNP 896 Project/Practicum*	1	DNP 896 Project/Practicum*	1		
	<b>Total</b>	<b>14</b>	<b>Total</b>	<b>14</b>	<b>Total</b>	<b>10</b>
<b>Year 3</b>	<b>Summer Semester 2019</b>		<b>Fall Semester 2019</b>		<b>Spring Semester 2020</b>	
	DNP 870 L Anesthesia Practicum IV (480 Sim/OR clinical hours)	4	DNP 871 L Anesthesia Practicum V (600 Sim/OR clinical hours)	6	DNP 872 L Anesthesia Practicum VI (600 Sim/OR clinical hours)	6
	DNP 808 Healthcare Policy*	3	DNP 873 Anesthesia Seminar I**	2	DNP 874 Anesthesia Seminar II**	2
	DNP 805 Quality Improvement Strategies*	3	DNP 896 Project/Practicum*	1	DNP 897 Continuing credit for Project/Practicum <b>only if needed</b>	(1)
	DNP 896 Project/Practicum*	1				
	<b>Total</b>	<b>11</b>	<b>Total</b>	<b>9</b>	<b>Total</b>	<b>8</b>
					Total credits Clinical hours 3,040	106

# High Fidelity Simulation

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- **First Year:**
  - Patient Safety and Positioning, Anesthesia Setup and Monitoring
  - Basic and Advanced Airway Workshops, Anesthesia Machine
  - Induction, Maintenance and Emergence
  - Physical Assessment & OSCE Competencies
- **Second Year:**
  - Case Based Learning (CRAPS), OB & Pediatric Case Management
  - US Guided Arterial and Central Line Placement
  - US Guided Regional Anesthesia, Spinal & Epidural Workshops
  - Advanced Airway & OSCE Competencies
- **Third Year:**
  - Anesthesia Crisis Management
  - Senior Workshops

# Clinical Sites

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- Cincinnati/Northern Kentucky

- St. Elizabeth Medical Center (Edgewood, Florence, Fort Thomas) & SurgiCenters (Edgewood and Crestview Hills)
- Good Samaritan
- Bethesda North
- Cincinnati Children's
- Mercy West
- The Jewish Hospital



- Louisville

- Norton Audubon
- Jewish



- Lexington

- St. Joseph

# Clinical Experiences

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Clinical sites provide excellent experience in:

- High-risk obstetric cases
- Thoracic / cardiovascular
- Regional techniques
- Pediatrics
- Transplants
- Robotics
- Trauma
- Outpatient
- All specialties and techniques



# Clinical Case Experiences

	Number of Cases Required	Anesthesia Hours	Clinical Hours
COA Requirements	600		2000
National Average*	859.2	1,683.9	2,604.1
NKU NAP Projection	800+		3,000

\*NBCRNA Performance & Clinical Experiences FY 2016 Data

# Admission Criteria

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- Meets all NKU Graduate Admission Requirements.
- Baccalaureate or higher degree in nursing from a fully accredited nursing program.
- Unencumbered license as a Registered Nurse (licenses in KY and OH required prior to admission).
- One year minimum full-time of critical care\*
- GPA of 3.00 or higher on 4.0 scale on all college course work.
- Science GPA 3.00 or higher on 4.0 scale.
- Pre-requisites: Statistics; Anatomy; Physiology; Chemistry; Microbiology
- CCRN, ACLS, BLS certification required for application. PALS required prior to admission.
- Shadowing experience documentation with either a CRNA or anesthesiologist.

\* A critical care area is defined as one where, on a routine basis, the registered professional nurse manages one or more of the following: invasive hemodynamic monitors (e.g., pulmonary artery, central venous pressure, and arterial catheters), cardiac assist devices, mechanical ventilation, and vasoactive infusions. (COA Standards for Accreditation, 2016)





# Additional Admission Criteria

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- Not all applicants are interviewed.
  - Successful interview with Admissions Committee for selected applicants.
- Non-refundable matriculation fee of \$1,000 if accepted into the program.
  - Matriculation fee will be applied to student's account on admission.
  - If applicant does not enroll in program, the matriculation fee is forfeited.

# Websites

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- [NAP.NKU.EDU](http://NAP.NKU.EDU)
- <http://www.AANA.com>

# Contact Information

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- William Terry Ray, PhD, CRNA, Director
  - [rayw2@nku.edu](mailto:rayw2@nku.edu) or 859-572-7966
- Brett Kendon, DNP, CRNA, CHSE, Assistant Director
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# Questions