Nuclear Medicine Technology

at Benedictine University

Why study nuclear medicine technology at Benedictine?

Benedictine University is one of the few colleges or universities that offers a bachelor's degree in Nuclear Medicine Technology. At Benedictine, you will benefit from:

- A strong science curriculum balanced with courses in the humanities and social sciences
- A superb location near many outstanding medical facilities
- A suburban setting with easy access to Chicago
- Close contact with a faculty advisor knowledgeable in requirements and procedures for applying to a nuclear medicine technology program

What does a degree in Nuclear Medicine Technology at Benedictine offer?

Technology and systems in the field of nuclear medicine technology are changing so rapidly that directors of the program encourage those interested in the field to pursue a bachelor's degree. A bachelor's degree in Nuclear Medicine Technology prepares you to:

- Provide patient care that includes concern for radiation safety
- Understand patient concerns and fears about their illness and treatment
- Recognize emergency patient conditions
- Develop administrative capability that includes supervisory and record-keeping functions and radionuclide accountability
- Take the registry examination for a certified nuclear medicine technologist

How does the program work?

When you major in Nuclear Medicine Technology, you will complete your first three years of course work at Benedictine University. You should complete all college graduation requirements during these three years while maintaining a grade point average of 2.8 or above. During your junior year, you must apply to Northwestern Memorial Hospital for your clinical education. The admissions process is competitive. During your senior year, you will complete a 13-month, 36 semester credit-hour clinical education curriculum.

When you complete this curriculum, you will be awarded a certificate of qualification as a nuclear medical technologist. You will be eligible to take certifying examinations administered by the Nuclear Medicine Technology Certification Board, the American Registry of Radiologic Technologists and the Board of Registry of the American Society of Clinical Pathologists.

Recommended Program

Bachelor of Science in Nuclear Medicine Technology

FRESHMAN

Writing Colloquium	3
College Trigonometry (MATH 111)	3
Principles of Organismal Biology	3
General Chemistry I and Lab	4
Artistic and Creative (QCA) course	3
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Research Writing	3
Principles of Biology	3
Principles of Biology Lab	1
General Chemistry II and Lab	4
Basic Speech	3
	14

JUNIOR

Human Anatomy	4
Organic Chemistry I and Lab**	4
Biostatistics	3
Religions/Theological (QRT) course	3
	14

Organic Chemistry II and Lab**	4
General Ethics or QPL Philosophical course	3
Social Scientific II: Political, Global and Economic Systems (QPE)	3
Human Dignity and the Common Good (IDS 301)	3
	13

Transfer students must complete 30 semester credit hours at Benedictine University to be considered an affiliate in the application process.

SOPHOMORE

Genetics and Lab	4
College Physics I and Lab*	4
Introduction to Computer Science and Lab	3
Social Scientific I: Individuals, Organizations and Societies (QIO)	3
Literary and Rhetorical (QLR) course	3
	17

Human Physiology	4
General Physics II and Lab*	4
Catholic and Benedictine Intellectual Traditions (IDS 201)	3
Historical (QHT) course	3
	14

SENIOR

Clinical Education at Northwestern Memorial Hospital.

- Management and Methods of Patient Care I and II
- Radiation Safety and Protection
- Radiation Physics and Instrumentation
- Diagnostic Nuclear Imaging Practicum I and II
- Clinical Nuclear Medicine Procedures I and II
- Radionuclide Chemistry and Radiopharmacy
- Radiation Biology
- Clinical Correlation - Pathology
- Radiation Detection and Instrumentation
- Computed Tomography and Cross-sectional Anatomy
- Medical Terminology

*Courses must be completed with grades of "C" or better.

**Students who may wish to attend professional school or graduate school should take Organic Chemistry.