

DEGREE(S)

+ Bachelor of Science (B.S.) in nuclear medicine technology

PROGRAM OVERVIEW

Nuclear medicine is a medical speciality that uses safe, painless and cost-effective techniques to image the body and treat disease. Nuclear medicine uses very small amounts of radioactive materials to diagnose and treat disease using gamma or PET/CT scanners. Nuclear medicine imaging is unique in that it documents organ function and structure. It is a method of gathering information that may otherwise be unavailable, require surgery or necessitate more expensive diagnostic tests.

Today, nuclear medicine offers procedures that are helpful to a broad span of medical specialties, from pediatrics to cardiology and oncology. There are almost 100 different nuclear medicine imaging procedures available that include every major organ of the human body.

As a nuclear medicine technologist, you will work in direct contact with patients of all ages. Nuclear medicine technologists work as members of a health care team including doctors, nurses, pharmacists and other medical professionals.

Nuclear medicine technology students are encouraged to join and participate in the Society of Nuclear Medicine and Molecular Imaging (SNMMI). Each student will receive free membership while enrolled in the NMT program.

ABOUT THE FACULTY

The faculty and staff in the nuclear medicine technology program are dedicated to the scholarship and success of all students. All faculty are credentialed and provide a wealth of knowledge and expertise to the program.

CURRICULUM

Advantages to earning your B.S. in nuclear medicine technology at Saint Louis University include:

- + Opportunities to participate in professional conferences with SLU faculty and fellow students
- + A curriculum with an interprofessional focus to build a team approach to health care
- + A flexible curriculum that allows adding a minor or studying abroad
- + Medically relevant coursework ideal for pre-professional studies
- + Undergraduate opportunities to conduct research and produce projects/papers acceptable for publication and presentation at professional conferences
- + Pre-medicine and pre-physician assistant curriculum options

ADMISSION.SLU.EDU

Contact

Doisy College of Health Sciences
314-977-2570
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OFFICE OF ADMISSION, ONE NORTH GRAND BLVD., ST. LOUIS, MO 63103
(800) SLU-FOR-U • (314) 977-2500 • admitme@slu.edu • www.slu.edu • beabilliken.com

Graduate Programs

For a full listing of programs, visit graduate.slu.edu

ADMISSION REQUIREMENTS

Factors considered for admission include academic performance, class rank, college admission test scores, and high school profile.

Admission criteria include:

- + ACT composite score of at least 22, with no subsection lower than 20 or equivalent SAT scores
- + Minimum GPA of 2.7/4.0

Professional coursework in the nuclear medicine program is concentrated in the last year of the curriculum. Once admitted to the program, students must maintain a cumulative GPA of 2.7 to remain in good standing.

SCHOLARSHIPS AND FINANCIAL AID

There are two principal ways to help finance a Saint Louis University education:

- + Scholarships: awarded based on academic achievement, service, leadership and financial need. In addition to University scholarships, the Doisy College of Health Sciences Alumni Association offers a scholarship to sophomores, juniors and seniors.
- + Financial Aid: provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For more information, visit the student financial services office online at finaid.slu.edu.

WHY CHOOSE THIS PROGRAM?

- + Student-tailored educational curriculum and individual mentorship by faculty in the NMT profession.
- + The NMT program at SLU contains a strong science curriculum which aids in preparation for immediate job placement as well as future graduate-level education.
- + The NMT program has exceptional clinical preceptors and training sites located conveniently within the St. Louis metropolitan area.

Benefits of the nuclear medicine technology program also include several career opportunities. Graduates can work as technologists in hospitals and clinics. They also may seek positions in information technology, healthcare administration, sales and training, radiopharmacy labs, teaching and other related fields.

Nuclear medicine provides an excellent pre-med curriculum. About 20% of graduates proceed to graduate school, with about 50% of the remaining class enrolling in graduate school within five years of employment. Many students attend graduate school part-time, with assistance from their place of employment.

There are many opportunities for nuclear medicine technologists in various locations. Jobs can be found in the following settings:

- + Medical and surgical hospitals
- + Freestanding clinics

Career advancement opportunities from the position of staff technologist may lead to areas of administration, education, sales or research.

A nuclear medicine technologist has many responsibilities that encompass a wide range of skills. Some responsibilities include:

- + Preparing, calibrating and administering radioactive chemical compounds, known as radiopharmaceuticals.
- + Performing diagnostic imaging procedures using radiation detection technology.
- + Administering radioactive tracers used to image the organs of the human body.
- + Operating imaging technology, laboratory and computer instrumentation
- + Providing images, data analysis and patient information to the physician for diagnostic interpretation.

According to the Bureau of Labor Statistics, the median annual wage for nuclear medicine technologists is \$77,660.

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