

## Nuclear Medicine Technology

Nuclear medicine technology uses radiopharmaceuticals (radioactive drugs) and specialized equipment to help diagnose and treat diseases. The Nuclear Medicine Technology (NMT) program is a two-year, full-time program where students are trained as nuclear medicine technologists, ready to work with patients and medical staff in clinical nuclear medicine settings.

### Program Description

In the first year of the Nuclear Medicine Technology program, students will complete studies in patient communication and management, professional practice, radiation physics, computed tomography, anatomy and physiology, radionuclide instrumentation, nuclear medicine procedures, radiopharmacy, quality control, clinical integration, phlebotomy and intravenous injections, and radiation safety.

The second year of the NMT program involves on-line courses focusing on instrumentation, dosimetry, pathology, advanced computers, research and clinical integration. Students will also concurrently complete three clinical practica where they rotate through all areas of nuclear medicine, applying what they have learned while in these clinical settings.

### Career

Graduates find work as nuclear medicine technologists in hospitals, community clinics, private laboratories, research and teaching institutions. In order to find employment, many graduates must relocate across Canada or the United States.

### Contact Information

For more information on Nuclear Medicine Technology or becoming a Nuclear Medicine Technologist contact [srossi@hsc.mb.ca](mailto:srossi@hsc.mb.ca) for more information.

For more information on admission requirements, selection criteria, funding, graduate employment statistics, housing, athletics, recreation and other services contact [advising@sait.ca](mailto:advising@sait.ca) for more information.