NUCLEAR MEDICINE TECHNOLOGY (NMT)

NMT 195 Cross-Sectional Anatomy (1 credit)
In this course the student studies gross anatomical structures viewed in sagittal, axial and coronal planes utilizing CT scan, MRI and line drawing images. The basic structures and functions of major organ systems are described along with common pathologies of each organ system.
Attributes: Undergraduate

NMT 201 Nuclear Medicine Theory I (4 credits)
This is an introductory course in the fundamental concepts of nuclear medicine. This course is a study of the basic sciences that apply to nuclear medicine. Topics include nuclear physics, mathematics, instrumentation, radiation biology and procedures.
Restrictions: Enrollment is limited to students with a major, minor, or concentration in Nuclear Medicine Technology.

NMT 202 Nuclear Med Theory II (6 credits)
This course is designed to build on the knowledge gained in NMT 201. Topics in this course include radiation safety, radiopharmacy and more advanced procedures.
Prerequisites: NMT 201
Restrictions: Enrollment is limited to students with a major, minor, or concentration in Nuclear Medical Technology.

NMT 203 Nuclear Med Theory III (2 credits)
This course provides a comprehensive review of topics covered throughout the year in order to prepare the students for the national registry exam.
Prerequisites: NMT 202

NMT 211 Nuclear Med Clin I (5 credits)
This course is designed to introduce the beginning student to the profession of nuclear medicine technology. Practicum takes places at the clinical affiliates. Students learn by observing and assisting the technologist in the performance of nuclear medicine imaging and associated tasks. Various clinical competencies and five procedure competencies are required in this course.
Restrictions: Enrollment is limited to students with a major, minor, or concentration in Nuclear Medicine Technology.

NMT 212 Nuclear Med Clin II (5 credits)
The student will continue to work toward demonstrating competency in the more frequently performed nuclear medicine studies. They will observe and assist the technologist in the performance of complicated studies. Various clinical competencies and ten additional procedure competencies are required in the course.
Prerequisites: NMT 211
Restrictions: Enrollment is limited to students with a major, minor, or concentration in Nuclear Medical Technology.

NMT 213 Nuclear Med Internship (6 credits)
This final session of practical learning allows the student to fine tune their skills and apply all they have learned in Nuclear Medicine Theory. The student is expected to be able to perform most studies with limited supervision. Various clinical competencies and ten additional procedure competencies are required for this course.
Prerequisites: NMT 212
Restrictions: Enrollment is limited to students with a major, minor, or concentration in Nuclear Medical Technology.