

NUCLEAR MEDICINE TECHNOLOGY / BACHELOR OF SCIENCE 3 + 1 PROGRAM

Total Credit Hours: 135-147

Major Credit Hours: 88-98

A grade of "C-" or better must be earned in a prerequisite course in order to advance to the next course in sequence.

It is the policy of Biology department to support with letters of recommendation for the professional school applications only those students who have achieved a cumulative and science GPA of 3.0. In the event that a student has their request for letters of recommendation denied, they have the right to petition for reconsideration with the understanding that there is no guarantee that the petition will be successful. Acceptance into any professional school is solely determined by the admission committee of that school. All faculty members have the right to decline a request to write a letter of recommendation for any student.

Nuclear Medicine Technology majors may take a Biology class only two times. If a student has not achieved a minimum grade of a "C-" after the second attempt, the student may not repeat the class.

Students are required to shadow, observe a NMT, for a day at Northwestern Memorial Hospital or the College of DuPage or show proof of such activity at another medical facility before applying to the program.

Requirements Degree Requirements

Code	Title	Hours
Core Courses		
BIOL 11000	General Biology 1	4
BIOL 11100	General Biology 1 Lab	1
BIOL 11500	General Biology 2	4
BIOL 11600	General Biology 2 Lab	1
BIOL 22000	Genetics	4
BIOL 22100	Genetics Lab	1
BIOL 22400	General Microbiology	4
BIOL 22600	General Microbiology Lab	1
BIOL 32000	Biostatistics	3
CHEM 11000	General Chemistry 1	4
CHEM 11100	General Chemistry 1 Lab	1
CHEM 11500	General Chemistry 2	4
CHEM 11600	General Chemistry 2 Lab	1
Select one of the following:		4
MATH 19900	Precalculus	
MATH 20400	Calculus for the Life Sciences	
MATH 20900	Calculus 1	
PHYS 20000	College Physics 1	4
PHYS 20100	College Physics 1 Lab	1
PHYS 20500	College Physics 2	4

PHYS 20600	College Physics 2 Lab	1
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Anatomy and Physiology Course Sequence

Select one of the following options:	8-10
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Option 1:

BIOL 33500	Advanced Clinical Physiology
BIOL 33600	Case Studies in Human Physiology
BIOL 42200	Human Anatomy
BIOL 42300	Functional Human Anatomy Lab

Option 2:

BIOL 10100	Anatomy and Physiology 1
BIOL 10200	Anatomy and Physiology 1 Lab
BIOL 10300	Anatomy and Physiology 2
BIOL 10400	Anatomy and Physiology 2 Lab

Recommended

BIOL 35500	Molecular Biochemistry with Clinical Correlates
BIOL 42600	Immunology

Professional Phase

Students complete the professional phase of the program at one of 33-41 two sites:

Northwestern Memorial Hospital (p. 1)

College of DuPage (p. 1)

Total Hours	88-98
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Professional Phase

Students complete the professional phase of the program at one of two sites: Northwestern Memorial Hospital or College of DuPage.

Northwestern Memorial Hospital Curriculum

Code	Title	Hours
BIOL-34000	Management and Methods of Patient Care 1	1-3
BIOL-34200	Radiation Safety and Protection	2-3
BIOL-34400	Radiation Physics/ Instrumentation	3
BIOL-34600	Diagnostic Nuclear Imaging Clinical Practicum 1	4
BIOL-34800	Clinical Nuclear Medicine Procedures 1	4
BIOL-36000	Radiation Detection and Instrumentation	3
BIOL-44000	Management/Methods Patient Care 2	1
BIOL-44200	Computed Tomography and CrossSectional Anatomy	2
BIOL-44600	Diagnostic Nuclear Imaging Clinical Practicum II	4
BIOL-44800	Clinical Nuclear Medicine Procedures 2	3
BIOL-45000	Radionuclide Chemistry and Radiopharmacy	3
BIOL-45200	Radiation Biology	1
BIOL-45600	Clinical Correlations/Pathology	2
Total Hours		33-36

College of DuPage Curriculum

Code	Title	Hours
DMIN-1100	Basics of Nuclear Medicine	3
DMIN-1101	Physics and Instrumentation in Nuclear Medicine	6
DMIN-1102	Nuclear Medicine Radiopharmacy	6
DMIN-1103	Radiation Biology and Radiation Safety	2
DMIN-1111	Clinical Nuclear Medicine I	3
DMIN-2111	Clinical Nuclear Medicine II	3
DMIN-2200	Nuclear Medicine Procedures II	4

DMIN-2202 Nuclear Medicine Procedures III	4
DMIN-2212 Clinical Nuclear Medicine III	4
DMIN-2220 Sectional Anatomy for Diagnostic Imaging	2
DMIN-2221 Positron Emission Tomography	3
DMIN-2222 Nuclear Medicine Review Seminar	1
Total Hours	41

See College of DuPage Catalog for course descriptions.

Advanced Writing Requirement

The advanced writing requirement of the General Education curriculum is satisfied by successful completion of the curricula at Lewis University and Northwestern Memorial Hospital or the College of DuPage.