

Nuclear Medicine Technology Major

Starting in MTH 151

Year One Fall		Year One Winter		Year One Spring	
^ CHM 103 (General Chemistry I)	5	GE Optional		^ CHM 104 (General Chemistry II)	5
^ MTH 150 (GE:02 College Algebra)	4	Total Credits	3	BIO 105 (GE:05 General Biology)	4
^GE:01 ENG 110 or 112 (College Writing)	3			GE:06 (PSY 100, SOC 110 or 120)	3
GE:00 FYS 100 (First Year Seminar)	3			GE:01 CST 110 (Communicating Effectively)	3
NMT 201 (Intro to NMT)**	1			GE:08 (Arts)	2
Total Credits	16			Total Credits	17

First Year Summer (Optional)	
Students can use this summer to spread out courses and take a GE or Pre-Professional course	

Year Two Fall		Year Two Winter		Year Two Spring	
^ BIO 312 (Anatomy & Physiology I)	4	GE Optional		^ BIO 313 (Anatomy & Physiology II)	4
^ CHM 300 (Fundamental Organic Chemistry)*	4	Total Credits	3	^ PHY 134 (Physics for Nuc. & Rad. Sciences)	4
^ CHM 302 (Organic Chemistry Lab)*	1			STAT 145 (GE:02 Elementary Statistics)	4
GE:03 (Minority Cultures)	3			GE:09 (Health & Well-Being)	3
GE:04 (World History)	3			GE:08 (Arts)	2
Total Credits	15			Total Credits	17

Second Year Summer (Optional)	
Students can use this summer to finish any remaining GE(s), Pre-Professional courses or CHM 300 & CHM 302	

*Not required to be completed before admission into program, but it is a fun course to take to learn about NMT and meet others interested in NMT

**Not required to be completed before admission into program, but is highly suggested to spread out science courses in Year 3

Apply to NMT Program

^ Has pre-requisite or specific placement score needed to enroll

Winter and Summer terms are optional, but students can use them to spread out credit load or complete requirements for admission

Majority of general education courses must be completed by the time a student starts the NMT program. Room for 2-3 gen ed courses in first year of NMT.

- GE:04 (Global Studies), GE:07 (Humanistic studies), GE:08 (Arts) or any combination of gen ed's, must finish all gen ed courses prior to internship

Pre-Professional Admission Requirements

General Education Requirements
GE:00 (First year seminar)
GE:01 (Literacy: CST 110 & ENG 110 or 112)
GE:02 (Mathematical/Logical systems and modern languages)
GE:03 (Minority cultures or multiracial women's studies)
GE:04 (International and multicultural studies)
GE:05 (Science)
GE:06 (Self and society)
GE:07 (Humanistic studies)
GE:08 (Arts)
GE:09 (Health and physical well-being)

Pre-Professional Courses
MTH 150 (College Algebra)
STAT 145 (Elementary statistics)
CHM 103 (General chemistry I)
CHM 104 (General chemistry II)
BIO 105 (General Biology)
BIO 312 (Anatomy & physiology I)
BIO 313 (Anatomy & physiology II)
Select One: PHY 134 or PHY 103 & 104 (Physics)
Select One: PSY 100, SOC 110 or SOC 120 (Psychology or sociology)
Professional Courses
NMT 201 (Intro to NMT)
CHM 300 (Fundamental Organic Chemistry)
CHM 302 (Organic Chemistry Lab)

- Must complete all General Education courses prior to starting clinical internship
- Complete all Pre-Professional courses with a grade of **“C” or higher** prior to starting the program
- Must have an overall **GPA of 2.5** or higher
- The number of students admitted to the major is dependent on the number of clinical internship sites and their student capacity.
- Admission to the major is granted on a **competitive basis**. Students are advised to apply for admission to the professional program late in the fall semester of their sophomore year after having taken or registered for the pre-professional requirements. It is, however, also appropriate to apply as a junior.

****Please visit the UWLAX Nuclear Medicine Technology Webpage for a complete list of admission requirements****

Direct specific advising questions to Beck Hawkins: bhawkins@uwlax.edu

Professional Requirements

Year Three Fall		Year Three Winter		Year Three Spring	
^ HP 310 (Pathophysiology)	4	GE Optional		^ NMT 344 (Medical Ethics & Administration)	2
^ NMT 314 (Cross-Sectional Anatomy)	1	Total Credits	3	^ NMT 398 (Research Writing in NMT)	2
^ PHY 376 (Introduction to Nuclear Science)	3			^ NMT 399 (Applied Research Writing in NMT)	1
^ CHM 325 (Fundamental Biochemistry)	4			^ CHM 461 (Nuclear Chemistry)	4
HP 250 (Medical terminology)	1			^ BIO 333 (Radiation Biology)	3
GE:04 (Global Studies)	3			GE:07 (Humanistic Studies)	3
Total Credits	16			Total Credits	15

Year Four
12 Month Clinical Internship!

Clinical Internship Requirements

Clinical Internship Requirements

Each NMT intern will enroll in clinical courses for a minimum of 34 credits from the following selection. All of the courses below are not required, but a minimum of 34 credits must be earned in the array required by the clinical internship site.

Each clinical internship is at minimum 12 months. Start dates are determined by clinical internship site, but can be anywhere from June-September.

Nuclear medicine technology affiliated internship sites:

- Mayo Clinic School of Health Sciences, Rochester, MN
- Froedtert Hospital, Milwaukee, WI
- Marshfield Clinic, Marshfield, WI
- Aurora St. Luke's Hospital, Milwaukee, WI
- Northwestern Memorial Hospital, Chicago, IL
- UW Health Hospitals and Clinics, Madison, WI
- UM Fairview Medical Center, Minneapolis, MN
- Gundersen Health, La Crosse, WI

Clinical Internship Courses	
NMT 401 Management and Methods of Patient Care I	2
NMT 403 Anatomy, Physiology and Pathology	2-4
NMT 404 Management and Methods of Patient Care II	3
NMT 405 Radiation Protection	1-5
NMT 407 Clinical Instrumentation and Techniques	2-5
NMT 412 Clinical Nuclear Practicum I	3-9
NMT 413 Clinical Nuclear Practicum II	3-9
NMT 416 Nuclear Medicine Quality Control Practicum	1-3
NMT 417 Nuclear Radiation Physics and Instrumentation	2-5
NMT 418 Clinical Procedures Review I	1-3
NMT 419 Clinical Radiation Biology	1-3
NMT 422 Clinical Procedures Review II	1-4
NMT 423 Radiopharmacy and Pharmacology	1-5
NMT 427 Clinical Evaluation of Mathematical Data in Nuclear Medicine	1-5
NMT 429 Multimodality Imaging	1-5
NMT 499 Independent Study	3