

Nuclear Medicine Technology Major

Starting in MTH 151

Year One Fall		Year One Winter		Year One Spring	
^ CHM 103 (Gen Ed: 1008 General Chemistry I)	5	GE Optional		^ CHM 104 (General Chemistry II)	5
^ MTH 150 (Gen Ed: 1004 College Algebra)	4	Total Credits	3	BIO 105 (General Biology)	4
^ Gen Ed: 1002 ENG 110 (College Writing)	3			Gen Ed: 1009 (PSY 100, SOC 110 or 120)	3
Gen Ed: 1001 FYS 100 (First Year Seminar)	3			Gen Ed: 1003 CST 110 (Communicating Effectively)	3
Total Credits	15			Gen Ed: 1007 (Arts & Aesthetics)	2
				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	Gen Ed: 1013 (The Cultures of Our World)		^ 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 (Elementary Statistics)	4
Gen Ed:1005 (Ethnic Diversity)	3			Gen Ed 1011: (The Past that Defines Us)	3
Gen Ed: 1010 (The Stories We Tell)	3			Gen Ed:1007 (Arts & Aesthetics)	2
NMT 201 (Intro to NMT)*	1			Total Credits	17
Total Credits	16				

Second Year Summer (Optional)	
Students can use this summer to finish any remaining GE(s) or Pre-Professional courses before starting Professional Curriculum	

*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

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. At max 6 gen ed credits can be taking during the first year of the NMT program.

Pre-Professional Admission Requirements

General Education Requirements	NMT	Pre-Professional Courses
Gen Ed:1001 (First Year Seminar) (3 cr)	FYS 100	MTH 150 (College Algebra)
Gen Ed:1002 (Written Literacy) (3 cr)	ENG 110	STAT 145 (Elementary Statistics)
Gen Ed:1003 (Spoken Literacy) (3 cr)	CST 110	CHM 103 (General Chemistry I)
Gen Ed:1004 (Quantitative Literacy) (3-4 cr)	STAT 145 & MTH 150	CHM 104 (General Chemistry II)
Gen Ed:1005 (Ethnic Diversity) (3 cr)		CHM 300 (Fundamental Organic Chemistry)
Gen Ed:1006 (Mind & Body) (3 cr)		CHM 302 (Organic Chemistry Lab)
Gen Ed:1007 (Arts & Aesthetics) (4 cr)		BIO 105 (General Biology)
Gen Ed:1008 (Experimental Science) (4 cr)	CHM 103 & BIO 105	BIO 312 (Anatomy & Physiology I)
Gen Ed:1009 (Social & Behavioral Studies) (3 cr)	PSY 100, SOC 110, or SOC 120	BIO 313 (Anatomy & Physiology II)
Gen Ed:1010 (The Stories We Tell) (3 cr)		Select One: PHY 134 or PHY 103 & 104 (Physics)
Gen Ed: 1011 (The Past that Defines Us) (3 cr)		Select One: PSY 100, SOC 110 or SOC 120 (Psych or Sociology)
Gen Ed: 1012 (The Planet that Sustains Us) (3 cr)		
Gen Ed: 1013 (The Cultures of Our World) (3 cr)		
		Professional Courses
		NMT 201 (Intro to NMT)

- Must complete all General Education courses with a grade of **“C” or higher** 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 UWL Nuclear Medicine Technology Webpage for a complete list of admission requirements****

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 380 (Theranostics)	1
^ CHM 325 (Fundamental Biochemistry)	4			^ CHM 461 (Nuclear Chemistry)	4
HP 250 (Medical terminology)	1			^ BIO 333 (Radiation Biology)	3
Gen Ed: 1012 (The Planet that Sustains Us)	3			^NMT 360 (Computed Tomography)	2
Total Credits	16			Gen Ed:1006 (Mind & Body)	3
				Total Credits	17

Year Four	
12 Month Clinical Internship!	

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:

- UW Health Hospitals and Clinics; Madison, WI
- UM Fairview Medical Center; Minneapolis, MN
- Gundersen Health System; La Crosse, WI
- Sanford USD Medical Center; Sioux Falls, SD
- Sanford Medical Center; Fargo, ND
- Marshfield Medical Center; Marshfield, WI
- Northwestern Memorial Hospital; Chicago, IL
- Mayo Clinic Rochester; Rochester, MN
- Mayo Clinic Eau Claire; Eau Claire, WI
- Froedtert Hospital; Milwaukee, WI
- Aurora St. Luke's Medical Center; Milwaukee, WI



UWL NMT Clinical Internship Affiliates

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