Nuclear Medicine Technology Major

Starting in MTH 151

Year One Fall	
^ CHM 103 (General Chemistry I)(CGER NSWL-ES)	5
^ MTH 150 (College Algebra)(CGER MQR-QR)	4
CST 110 (Communicating Effectively) (CGER CL-SL)	3
CGER CP- CW - Cultures of our World	3
NMT 201 (Intro to NMT)*	1
Total Credits	**16**

Year One Winter	
GE Optional	
Total Credits	**3**

Year One Spring	
^ CHM 104 (General Chemistry II)	5
BIO 105 (General Biology)	4
PSY 100, SOC 110 or 120 (CGER SBS – BS)	3
^ ENG 110 (College Writing)(CGER CL-WL)	3
UWL 100 (CGER SBS-FS)	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	
^ BIO 312 (Anatomy & Physiology I)	4
^ CHM 300 (Fundamental Organic Chemistry)	4
^ CHM 302 (Organic Chemistry Lab)	1
CGER CP-CU – Communities of the US	3
CGER HA-AA - Arts & Aesthetics	3
Total Credits	**15**

Year Two Winter	
GE Optional	
Total Credits	**3**

Year Two Spring	
^ BIO 313 (Anatomy & Physiology II)	4
PHY 134 (Physics for Nuc. & Rad. Sciences)	4
STAT 145 (Elementary Statistics)	4
CGER HA-PDU - The Past that Defines Us	3
Total Credits	**15**

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 gen ed courses must be completed by the time a student starts the NMT program. A max of 6 gen ed credits can be taking during the first year admitted to the NMT program, but it is highly recommended that all gen ed courses are completed to focus on professional curriculum.

Pre-Professional Admission Requirements

General Education Requirements	NMT
Mathematics & Quantitative Reasoning (3 cr) MQR – QR Quantitative Reasoning (3 cr)	**STAT 145 / MTH 150**
Communication & Literacy (9 cr) CL – WL Written Literacy (3 cr) CL – SL Spoken Literacy (3 cr) CL – SWT The Stories We Tell (3 cr)	**ENG 110** **CST 110**
Social & Behavior Science (5 cr) SBS – BS Social & Behavior Studies (3 cr) SBS – SBS FS Social Foundations for Success (2 cr)	**PSY 100, SOC 110, or SOC 120** **UWL 100**
Humanities & Arts (6 cr) HA – PDU The Pasts that Define US (3 cr) HA – AA Arts & Aesthetics (3 cr)	
Natural Science & Wellness (7 cr) NSWL – ES Experimental Science (4 cr) NSW – MBP Mind, Body, & Planet (3 cr)	**CHM 103 / BIO 105**
Civics & Perspectives (6 cr) CP – CW The Cultures of Our World (3 cr) CP – CU The Communities of the US (3 cr)	

Pre-Professional Courses
MTH 150 (College Algebra)
STAT 145 (Elementary Statistics)
CHM 103 (General Chemistry I)
CHM 104 (General Chemistry II)
CHM 300 (Fundamental Organic Chemistry)
CHM 302 (Organic Chemistry Lab)
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 (Psych or Sociology)

Professional Courses
NMT 201 (Intro to NMT)

- Must complete all General Education, Pre-Professional, and Professional courses with a grade of **"C" or higher** prior to starting clinical internship.
- 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	
^ HP 310 (Pathophysiology)	4
^ NMT 314 (Cross-Sectional Anatomy)	2
^ NMT 317 (Nuclear Phys & Instrumentation)	3
^ CHM 325 (Fundamental Biochemistry)	4
HP 250 (Medical Terminology)	1
CGER CL-SWT – The Stories We Tell	3
Total Credits	**17**

Year Three Winter	
GE Optional	
Total Credits	**3**

Year Three Spring	
^ NMT 344 (Medical Ethics & Administration)	2
^ NMT 398 (Research Writing in NMT)	2
^ NMT 391 (Theranostics)	1
^ CHM 461 (Nuclear Chemistry)	4
^ NMT 329 (Med Radiobiology & Dosimetry)	1
^NMT 360 (Computed Tomography)	2
^NMT 388 (Professionalism in NM)	1
CGER NSW - MBS - Mind, Body & Planet	3
Total Credits	**16**

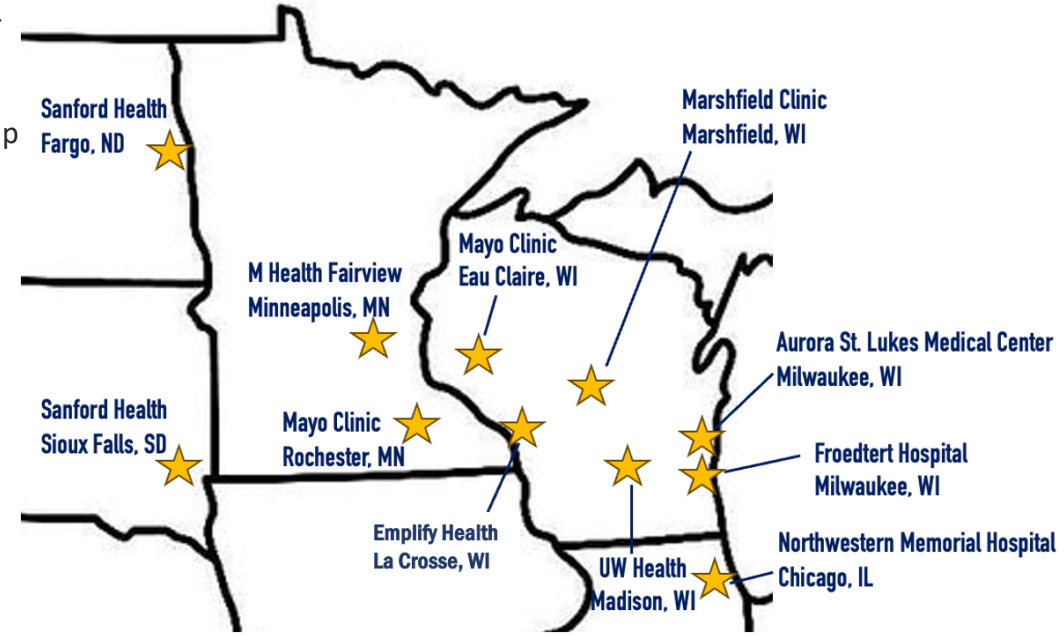
Year Four
12 Month Clinical Internship!

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
- Emplify Health; 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	1-3	NMT 413 Clinical Nuclear Practicum II	3-9	NMT 427 Clinical Evaluation of Mathematical Data	1-5
NMT 403 Anatomy, Physiology and Pathology	2-6	NMT 416 Nuclear Medicine Quality Control Practicum	1-3	NMT 429 Multimodality Imaging	1-5
NMT 404 Management and Methods of Patient Care II	1-3	NMT 418 Clinical Procedures Review I	1-4	NMT 433 Clinical Analysis & Decision-Making	1
NMT 405 Radiation Protection	1-5	NMT 419 Clinical Radiation Biology	1-3	NMT 490 Applied Clinical Research	1
NMT 406 Clinical Physics and Instrumentation	1-6	NMT 422 Clinical Procedures Review II	1-4	NMT 497 Adv Practice Analysis & Board Preparation	3-6
NMT 407 Clinical Instrumentation and Techniques	2-5	NMT 423 Radiopharmacy and Pharmacology	1-5	NMT 499 Independent Study	1-3
NMT 412 Clinical Nuclear Practicum I	3-9				