

Baccalaureate Degree, Nuclear Medicine Technology Admission and Degree Requirements

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Admission Requirements

- **Rhetoric:**

RHET:1030 Rhetoric

- **Natural Sciences:**

1) Chemistry: CHEM:1110

2) Human Anatomy with Lab (choose one option below):

- HHP:1150 Human Anatomy with Lab
- HHP:3115 Anatomy for Human Physiology with Lab
- HHP:1100 and HHP:1110 Human Anatomy and Lab
- ACB:3110 and HHP:1110 Principles of Human Anatomy and Lab

3) Human Physiology with Lab (choose one option below):

- HHP:1350 Fundamentals of Human Physiology with Lab
- HHP:3550 Human Physiology with Lab
- HHP:1300 and HHP:1310 Fundamentals of Human Physiology and Lab
- HHP:3500 and HHP:1310 Human Physiology and Lab

4) Physics: PHYS:1400 or PHYS:1511

- **Social Science:**

PSY:1001 Elementary Psychology

- **Quantitative/Formal Reasoning:**

MATH:1440 Math for the Biological Sciences or MATH:1020 Elementary Functions or higher level

- **General Education:** 3 sh from 2 of the following areas (6 sh total):

Diversity and Inclusion (DI)
Historical Perspectives (HP)
International and Global Issues (IGI)
Literary, Visual, and Performing Arts (LVPA)
Values and Culture (VC)

- **Medical Terminology:**

CLSA:3750 Medical and Technical Terminology

- 60 sh of coursework (60sh can be awarded for the ARRT(R) certification)
- 2.5 minimum cumulative college GPA (excludes any Radiology Technology course grades)
- Application to the College of Liberal Arts and Sciences, Nuclear Medicine Technology Interest
- Separate application for competitive selection to the Nuclear Medicine professional program by Jan. 15
- Personal interview on campus for invited applicants
- International students and students whose first language is not English: satisfaction of all UI Admissions requirements; completion of the English Language Requirements for Admission, the English Proficiency Evaluation, and all proficiency courses required for clearance to take a full academic load

Recommended:

- Health Care experience (recommend CNA)
- Job Shadowing in Nuclear Medicine and PET
- RSP:1100 Introduction to Radiation Sciences (1 sh)
- BIOL:1140 Human Biology (4 sh)
- CHEM:1120 Principles of Chemistry II (4 sh)
- Statistics: STAT:1020 or STAT:3510 (3 sh)
- CS:1020 Principles of Computing or BAIS:1500 Business Computing Essentials (2-3 sh)

Admission Process

- Apply online (<http://admissions.uiowa.edu>) to the College of Liberal Arts, Nuclear Medicine Interest by early December, prior to professional program application. Follow applicable instructions for Transfer or International Students.
- Apply to the Nuclear Medicine Technology professional program before January 15.

Note: Track duration is 2 years of didactic and clinical education. Acceptance is not guaranteed; selection process is required due to limited clinical openings.

Degree Requirements

- Nuclear Medicine Technology courses in the schedule below.
- Semester hour, GPA, and Residency Requirements:
 - Successfully complete a minimum of 120 semester hours of credit
 - Maintain a minimum 2.0 cumulative and UI GPA
 - Complete all courses in the major with a C or above

Nuclear Medicine Technology Schedule:

First Year – Freshman (CLAS, Nuc Med Tech Interest major)			
1st Semester Fall	s.h.	2nd Semester Spring	s.h.
RHET:1030 Rhetoric	4	Human Anatomy and Lab (several options)	4-5
BIOL:1140 Human Biology**	4	CLSA:3750 Medical & Technical Terminology	2
PSY:1001 Elementary Psychology	3	MATH:1440 Math for the Biological Sciences or MATH:1020 Elementary Functions	4
RSP:1100 Introduction to Radiation Sciences*	1	DI, IGI, HP, LVPA, or VC	3
DI, IGI, HP, LVPA, or VC	3	Electives	2
Subtotal	15	Subtotal	15-16

Second Year – Sophomore (CLAS, Nuc Med Tech Interest major)			
1st Semester Fall	s.h.	2nd Semester Spring	s.h.
CHEM:1110 Principles of Chemistry I	4	CHEM:1120 Principles of Chemistry II*	4
PHYS:1400 Basic Physics or PHYS:1511 College Physics	3-4	STAT:1020 Elementary Statistics & Inference or STAT:3510 Biostatistics*	3
CS:1020 Principles of Computing* or BAIS:1500 Business Computing Essentials*	2-3	Human Physiology and Lab (several options)	4-5
Electives	5	Electives	3-5
Subtotal	14-16	Subtotal	14-17

*recommended but not required **strongly recommended to prepare for Anatomy and Physiology course

Third Year – Junior (COM, Nuc Med Tech major)			
1st Semester Fall	s.h.	2nd Semester Spring	s.h.
RSNM:3120 Fundamentals of NM & PET	3	RSNM:3220 NM & PET Clinical Procedures	3
RSNM:3121 NM ClinIntern I (2/wk, TW;16 wks;256 hrs)	3	RSNM:3221 NM ClinIntern II (2/wk, TW;16 wks;256 hrs)	3
RSNM:3131 Radiopharmaceuticals	3	RSNM:3231 Instrumentation	3
RSP:3130 Radiation Safety & Radiobiology	2	RSP:3210 Medical Ethics & Law	2
RSP:2120 Patient Care for Radiation Sciences	3	RSCT:4100 Sectional Anatomy for Imaging Sciences	3
Subtotal	14	Subtotal	14

Third Year			
3rd Semester Summer	s.h.		
RSNM:3321 NM ClinIntern III (5/wk, M-F;12 wks;480 hrs)	6		
Subtotal	6		

Fourth Year – Senior (COM, Nuc Med Tech major)			
1st Semester Fall	s.h.	2nd Semester Spring	s.h.
RSNM:4121 NM ClinInternIV (3/wk,MThF;16 wks;384hrs)	4	RSNM:4221 NM ClinIntern V(3/wk,MThF;16 wks;384hrs)	4
RSP:4110 Research Methodologies for Rad Sci	3	RSNM:4222 NMT Capstone & Cert. Exam Prep.	6
RSCT:4130 CT Physical Principles & QC	4	RSP:3220 Rad Sci QM and Health Care Admin.	2
RSCT:4120 CT Procedures I	3		
Subtotal	14	Subtotal	12