Nuclear Medicine Technology, BS

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Nuclear Medicine Technology, BS

Course	Title	Hours
Academic Career		
Any Semester		
Students apply to the Nuclear Medicine Technology BS program through a selective process. Acceptance is not guaranteed. [a]		
Students must earn a grade of C or higher in all RS** courses.		
The Nuclear Medicine Technology professional program is two years in duration.		
	Hours	**0**
First Year		
Any Semester		
Recommended: job shadowing a professional who works in nuclear medicine and positron emission tomography (PET) and hands-on patient care experience.		
	Hours	**0**
Fall		
RSP:1100	Introduction to the Radiation Sciences [b]	1
HHP:1400 or BIOL:1140	Human Anatomy and Physiology [c] or Human Biology: Nonmajors	3 - 4
PSY:1001	Elementary Psychology	3
RHET:1030	Rhetoric: Writing and Communication	4
GE: General Education course (HP, IGI, LVPA, UCP or VS) [d]		3
Admission Application: students may be eligible to apply for early acceptance (due January 15) [e]		
	Hours	**14-15**
Spring		
CLSA:3750	Medical and Technical Terminology	2
Anatomy with Laboratory course [f]		4 - 5
MATH:1440 or MATH:1020	Mathematics for the Biological Sciences [g] or Elementary Functions	4
GE: General Education course (HP, IGI, LVPA, UCP or VS) [d]		3
Elective course		3
	Hours	**16-17**
Second Year		
Fall		
CHEM:1110	Principles of Chemistry I [h]	4
CS:1020 or BAIS:1500	Principles of Computing [b] or Business Technology and Artificial Intelligence	2 - 3
PHYS:1511 or PHYS:1400	College Physics I or Basic Physics	3 - 4
PSY:1010	Your Brain Unlocked: Learning About Learning [b]	1
Elective course		3
Elective course		2
Admission Application: begin preparing materials for the Nuclear Medicine Technology professional program application (due January 15) [e]		
	Hours	**15-17**
Spring		
CHEM:1120	Principles of Chemistry II [b]	4
Physiology with Laboratory course [i]		4 - 5
STAT:1020	Elementary Statistics and Inference [b]	3
Elective course		3
Elective course		2
	Hours	**16-17**
Third Year		
Any Semester		
The curriculum shown in the third and fourth years on this plan begins upon acceptance into the Carver College of Medicine Nuclear Medicine Technology professional program.		
	Hours	**0**
Fall		
RSCT:4100	Sectional Anatomy for Imaging Sciences	3
RSNM:3120	Nuclear Medicine and PET Clinical Procedures I	3
RSNM:3121	Nuclear Medicine Technology Clinical Internship I	3
RSNM:3132	Radiation Safety and Regulations in Nuclear Medicine	1
RSNM:3140	Foundations in Nuclear Medicine and PET	1
RSP:2120	Patient Care for the Radiation Sciences	3
RSP:3130	Introduction to Radiation Safety and Radiobiology	1
	Hours	**15**
Spring		
RSNM:3220	Nuclear Medicine and PET Clinical Procedures II	3
RSNM:3221	Nuclear Medicine Technology Clinical Internship II	3
RSNM:3131	Radiopharmaceuticals	3
RSP:3210	Medical Ethics and Law	2
RSRT:3220	Emotional Intelligence for the Health Care Professional	2
	Hours	**13**
Summer		
RSNM:3320	Foundations in Nuclear Medicine Instrumentation	2
RSNM:3321	Nuclear Medicine Technology Clinical Internship III	4
	Hours	**6**

Fourth Year		
Fall		
RSCT:4130	Computed Tomography Physical Principles and QC	4
RSNM:3231	Nuclear Medicine Instrumentation	3
RSNM:4121	Nuclear Medicine Technology Clinical Internship IV	4
RSP:4110	Research Methodology for Radiation Sciences	3
	Hours	**14**
Spring		
RSNM:4221	Nuclear Medicine Technology Clinical Internship V	5
RSNM:4222	Nuclear Medicine Technology Capstone and Certification Exam Preparation	5
RSP:3220	Radiation Sciences Quality Management and Health Care Administration	2
Exam: Upon completion of the program students are eligible to apply to take certification exams.		
Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall) [j]		
	Hours	**12**
	Total Hours	**121-126**

a The Academic Advising Center advises Nuclear Medicine Technology Interest students on prerequisite course planning. Students are advised for success, based on academic strength, not necessarily for a four year plan. Prerequisites may take more than two years to complete.

b This course is recommended not required.

c One of these courses is strongly recommended to prepare for the anatomy and physiology courses.

d Students must complete 6 s.h. by taking 3 s.h. courses from two of the following areas: Historical Perspectives, International and Global Issues, Literary, Visual, and Performing Arts, Understanding Cultural Perspectives, or Values and Society.

e See the Radiation Sciences website and your academic advisor for detailed application instructions and deadlines.

f Choose either HHP:3115, or HHP:2100 and HHP:2110.

g Enrollment in math courses requires completion of a placement exam.

h Enrollment in chemistry courses requires completion of a placement exam.

i Choose from HHP:3550, HHP:2400 and HHP:2410, or HHP:3500 and HHP:2410.

j Please see Academic Calendar, on Office of the Registrar website, for current degree application deadlines. Students should apply for a degree for the session in which all requirements will be met. For any questions on appropriate timing, contact your academic advisor or Degree Services.