Nuclear Medicine Technology, B.S.

Sample Plans

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, B.S.

Course | Title | Hours
---|---|---
Any Semester | 0

First Year

Any Semester

Recommended: health care experience (e.g. CNA), job shadowing in nuclear medicine and PET | 0

Fall

RHET:1030 | Rhetoric | 4
BIOL:1140 | Human Biology: Nonmajors | 4
PSY:1001 | Elementary Psychology | 3
RSP:1100 | Introduction to the Radiation Sciences | 1
GE: General Education course (DI, IGI, HP, LVPA, or VC) | 3
Admission Application: students may be eligible to apply for early acceptance (typically due in January) | 

Hours | 15

Spring

CHEM:1120 | Principles of Chemistry II | 4
STAT:3510 or STAT:1020 or STAT:4143 | Biostatistics or Elementary Statistics and Inference or Introduction to Statistical Methods | 3
Human Physiology and Lab | 4 - 5
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. | 0

Fall

RSNM:3120 | Fundamentals of Nuclear Medicine and PET | 3
RSNM:3121 | Nuclear Medicine Technology Clinical Internship I | 3
RSNM:3131 | Radiopharmaceuticals | 3
RSP:3130 | Radiation Safety and Radiobiology | 2
RSP:2120 | Patient Care for the Radiation Sciences | 3

Hours | 14

Spring

RSNM:3220 | Nuclear Medicine and PET Clinical Procedures | 3
RSNM:3221 | Nuclear Medicine Technology Clinical Internship II | 3
RSNM:3231 | Nuclear Medicine Instrumentation | 3
RSP:3210 | Medical Ethics and Law | 2
RSCT:4100 | Sectional Anatomy for Imaging Sciences | 3

Hours | 14

Summer

RSNM:3321 | Nuclear Medicine Technology Clinical Internship III | 6

Hours | 6

Fourth Year

Fall

RSNM:4121 | Nuclear Medicine Technology Clinical Internship IV | 4
RSP:4110 | Research Methodology for Radiation Sciences | 3
RSCT:4130 | Computed Tomography Physical Principles and QC | 4

Hours | 15-16
RSCT:4120 Computed Tomography Procedures I 3

Hours 14

Spring
RSNM:4221 Nuclear Medicine Technology Clinical Internship V 4
RSNM:4222 Nuclear Medicine Technology Capstone and Certification Exam Preparation 6
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)

Hours 12

Total Hours 120-124

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 strongly recommended to prepare for the anatomy and physiology courses.
c This course is recommended not required.
d Students must complete 6 s.h. by taking 3 s.h. courses from two of the following areas: Diversity and Inclusion, Historical Perspectives, International and Global Issues, Literary, Visual, and Performing Arts, or Values and Culture.
e Please see the Radiation Sciences Programs' website and your academic advisor for detailed application instructions and deadlines.
g Enrollment in math courses requires completion of a placement exam.
h Enrollment in chemistry courses requires completion of a placement exam.
j Please see Academic Calendar, 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 Graduation Services.