Nuclear Medicine Technology, BS

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. Students must earn a grade of C or higher in all RS** courses. The Nuclear Medicine Technology professional program is two years in duration.

First Year
Any Semester
Recommended: health care experience (e.g. CNA), job shadowing in nuclear medicine and PET

Fall
RHET:1030 Rhetoric 4
HHP:1400 or BIOL:1140 Human Anatomy and Physiology or Human Biology: Nonmajors 3 - 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 (due January 15) 3

Hours 14-15

Spring
CHEM:1120 Principles of Chemistry II 4
STAT:4143 or STAT:1020 or STAT:3510 Introduction to Statistical Methods or Elementary Statistics and Inference or Biostatistics 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.

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

Hours 14

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

Hours 14

Summer
RSMN:3321 Nuclear Medicine Technology Clinical Internship III 6

Hours 6

Fourth Year
Fall
RSMN: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 4
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>RSCT:4120</td>
<td>Computed Tomography Procedures I</td>
<td>4</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>RSNM:4221</td>
<td>Nuclear Medicine Technology Clinical Internship V</td>
<td>4</td>
</tr>
<tr>
<td>RSNM:4222</td>
<td>Nuclear Medicine Technology Capstone and Certification Exam Preparation</td>
<td>6</td>
</tr>
<tr>
<td>RSP:3220</td>
<td>Radiation Sciences Quality Management and Health Care Administration</td>
<td>2</td>
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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)

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<tr>
<th>Course Code</th>
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<th>Hours</th>
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<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>120-125</strong></td>
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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. One of these courses 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.