The University of Iowa Carver College of Medicine

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: ACB:1199 or HHP:1100 and HHP:1110 (ACB:1199 satisfies both Anatomy & Physiology)  
  3) Human Physiology: ACB:1199, HHP1300, or HHP:3500  
  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):  
  - Historical Perspectives (HP)  
  - International and Global Issues (IGI)  
  - Literary, Visual, and Performing Arts (LVPA)  
  - Values, Society, and Diversity (VSD)

- **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  
- Two years of high school world language is a prerequisite to the professional program.  
- 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, STAT:3510, or STAT:4143 (3 sh)  
- CS:1020 Principles of Computing or MSCI:1500 Business Computing Essentials (3 sh)

Admission Process

**First Year or Transfer**

- Apply online (http://admissions.uiowa.edu) to College of Liberal Arts, Nuclear Medicine Technology Interest  
- Follow applicable instructions for First-Year, Transfer, or International Students

**Nuclear Medicine Technology Track**

- Apply online (http://admissions.uiowa.edu) to the College of Liberal Arts, Nuclear Medicine Interest by early January, 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:**

<table>
<thead>
<tr>
<th>First Year – Freshman (CLAS, Nuc Med Tech Interest major)</th>
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<tbody>
<tr>
<td><strong>1st Semester Fall</strong></td>
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<tr>
<td>RHET:1030 Rhetoric</td>
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<tr>
<td>BIOL:1140 Human Biology**</td>
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<tr>
<td>MATH:1440 Math for the Biological Sciences or MATH:1020 Elementary Functions</td>
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<tr>
<td>RSP:1100 Introduction to Radiation Sciences*</td>
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<tr>
<td>CLSA:3750 Medical &amp; Technical Terminology</td>
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<td><strong>Subtotal</strong></td>
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<tr>
<th>Second Year – Sophomore (CLAS, Nuc Med Tech Interest major)</th>
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<tr>
<td><strong>1st Semester Fall</strong></td>
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<tr>
<td>CHEM:1110 Principles of Chemistry I</td>
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<tr>
<td>STAT:1020 Elementary Statistics &amp; Inference or STAT:3510 Biostatistics* or STAT:4143 Introduction to Statistical Methods</td>
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<tr>
<td>IGI, HP, LVPA, or VSD</td>
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<tr>
<td>Electives</td>
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*recommended but not required   **strongly recommended to prepare for Anatomy and Physiology course

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<tr>
<th>Third Year – Junior (COM, Nuc Med Tech major)</th>
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<tr>
<td><strong>1st Semester</strong></td>
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<tr>
<td>RSNM:3120 Fundamentals of NM &amp; PET</td>
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<tr>
<td>RSNM:3121 NM Clinical Internship I</td>
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<tr>
<td>RSNM:3131 Radiopharmaceuticals</td>
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<td>RSP:3130 Radiation Safety &amp; Radiobiology</td>
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<td>RSP:2120 Patient Care for Radiation Sciences</td>
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<tr>
<th>3rd Semester Summer</th>
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<tr>
<td>RSNM:3321 NM Clinical Internship III</td>
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<th>Fourth Year – Senior (COM, Nuc Med Tech major)</th>
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<tr>
<td><strong>1st Semester</strong></td>
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<tr>
<td>RSNM:4121 NM Clinical Internship IV</td>
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<tr>
<td>RSP:4110 Research Methodologies for Rad Sci</td>
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<tr>
<td>RSCT:4130 CT Physical Principles &amp; QC (online)</td>
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<tr>
<td>RSCT:4120 CT Procedures I (online)</td>
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<td><strong>Subtotal</strong></td>
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