Baccalaureate Degree in Radiation Sciences
www.medicine.uiowa.edu/radsci  PH: 319-353-8388

Admission Requirements:
- Prerequisite Courses:
  - **Rhetoric:** RHET:1030 Rhetoric
  - **Natural Science:** anatomy, one of these:
    - HHP:1100 Human Anatomy
    - ACB:1199 Anatomy & Basic Physiology for Radiation Sciences
    - ACB:3110 Principles of Human Anatomy
    - ACB:3113 Human Anatomy Online
  - **Psychology:** PSY:1001 Elementary Psychology
  - **Quantitative/Formal Reasoning:** one of these:
    - MATH:1440 Math for the Biological Sciences
    - MATH:1020 Elementary Functions
  - **General Education:** 3sh from 2 of the following areas:
    - 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
  - **Additional Natural Science and hours for the professional program of interest:**
    - **Radiologic Technology:** one of these:
      - BIOL:1140 Human Biology
      - CHEM:1070 General Chemistry I
      - CHEM:1110 Principles of Chemistry I
      - HHP:1300 Fundamentals of Human Physiology
      - HHP:3500 Human Physiology
      - PHYS:1400 Basic Physics
      - PHYS:1511 College Physics I
    - **Diagnostic Medical Sonography:**
      - PHYS:1400 Basic Physics or PHYS:1511 College Physics I
    - **Radiation Therapy:**
      - PHYS:1400 Basic Physics or PHYS:1511 College Physics I
      - A total of 60sh of coursework

- Prerequisites courses must be completed by June 1
- 2.5 minimum cumulative college GPA
- Application to the College of Liberal Arts & Sciences, Radiation Sciences Interest by mid December
- Separate application for competitive selection to the professional track by January 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 for all professional programs (tracks):**
- RSP:1100 Introduction to Radiation Sciences
- CS:1020 Principles of Computing or MSCI:1500 Business Computing Essentials
- STAT:1020 Elementary Statistics or STAT:4143 Introduction to Statistical Methods
- Job shadowing, health care experience, and research of professional field(s)

**Notes:**
- Apply early; allow for processing time.
- Admission to a Radiation Sciences program is not guaranteed.
- Application and selection process is required due to limited clinical openings.
- Transfer students: see the Transfer Credits link on the Prospective Student tab
Degree Requirements:

1) **One of the following professional Radiation Sciences tracks:**
   - Radiologic Technology and Computed Tomography (3 year track) – 6 students
   - Radiologic Technology and Magnetic Resonance Imaging (3 year track) – 6 students
   - Radiologic Technology and Cardiovascular Interventional (3 year track) – 2 students
   - Diagnostic Medical Sonography and General and Vascular (3 year track) – 8 students
   - Diagnostic Medical Sonography and Cardiac and Vascular (3 year track) – 4 students
   - Radiation Therapy (2 year track) – 7 students

2) **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 track courses with a C or above
   - Satisfy one of the University of Iowa residency requirements
     - **Option 1:** At least 90sh must be completed in the UI COM.
     - **Option 2:** 45 of the final 60sh must be completed in the UI COM.
     - **Option 3:** The final consecutive 30sh must be completed in the UI COM.

Sample Schedule:

<table>
<thead>
<tr>
<th>FIRST YEAR - FRESHMAN</th>
<th>1st Semester Fall</th>
<th>sh</th>
<th>2nd Semester Spring</th>
<th>sh</th>
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<tbody>
<tr>
<td>RHET:1030 Rhetoric</td>
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<td></td>
<td>ACB:1199 Anatomy &amp; Basic Physiology for RadSci</td>
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</tr>
<tr>
<td>BIOL:1140 Human Biology**</td>
<td>4</td>
<td></td>
<td>PSY:1001 Elementary Psych</td>
<td>3</td>
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<tr>
<td>MATH:1020 or:1440 Math</td>
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<td>Natural Science Course for Professional Program</td>
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<tr>
<td>RSP:1100 Introduction to Radiation Sciences*</td>
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<td>IGI, HP, LVPA, or VSD</td>
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<td>CLSA:3750 Medical Terminology</td>
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<td>IGI, HP, LVPA, or VSD</td>
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<td><strong>Subtotal</strong></td>
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<td><strong>Subtotal</strong></td>
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<td><strong>Total:</strong></td>
<td>31-32sh</td>
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*Recommended, not required  **Strongly recommended to prepare for Anatomy and Physiology course

**Nuclear Medicine Technology BS Degree:**
Contact:  Tony Knight, 319-356-2954. anthony-knight@uiowa.edu
Website:  http://www.medicine.uiowa.edu/radsci/NMT/