# Radiologic Sciences 2014

## Radiologic Sciences Major - B.S.

**Degree Type:** B.S.  
**Required Degree Credits to Graduate:** 132

### General Education Requirements

**First Year Experience (F):**

- **UNIV 189**  
  Skills For Academic Success (Students transferring in 24 or more credits do not need to take UNIV 189.)  
  1

**Communication (C):**

- **ENGL 110**  
  College Composition I  
  3
- **ENGL 120**  
  College Composition II  
  3

**One Course of Upper Level Writing:**

- Select one of the following:  
  3
  - **ENGL 320**  
    Business and Professional Writing
  - **ENGL 321**  
    Writing in the Technical Professions
  - **ENGL 322**  
    Creative Writing I
  - **ENGL 323**  
    Creative Writing II
  - **ENGL 324**  
    Writing in the Sciences
  - **ENGL 325**  
    Writing in the Health Professions
  - **ENGL 358**  
    Writing in the Humanities and Social Sciences
  - **ENGL 459**  
    Researching and Writing Grants and Proposal
- **COMM 110**  
  Fundamentals of Public Speaking  
  3

**Quantitative Reasoning (R):**

- **STAT 330**  
  Introductory Statistics  
  3

**Science & Technology (S):**

- **BIOL 220**  
  Human Anatomy and Physiology I  
  4
- **CHEM 117**  
  Chemical Concepts and Applications  
  4
- **CSCI 114**  
  Microcomputer Packages  
  3-4
- **CSCI 116**  
  Business Use of Computers  
  3-4

**Humanities & Fine Arts (A):**

- Select from current general education list  
  6

**Social & Behavioral Sciences (B):**

- **PSYC 111**  
  Introduction to Psychology  
  3
- Select from current general education list  
  3

**Wellness (W):**

- Select from current general education list  
  2

**Cultural Diversity (D):**

- Select from current general education list  

**Global Perspectives (G):**

- Select from current general education list  

**Total Credits:** 41-42

### Major Requirements

**Radiologic Science Major Requirements**

- **RS 111**  
  Introduction to Radiologic Sciences  
  1
- **RS 496**  
  Field Experience  
  60

  Professional education (internship) within an accredited affiliated school of radiologic technology includes the capstone experience.

**Related Courses Required:**

- **BIOL 221**  
  Human Anatomy and Physiology II  
  4
- **CHEM 260**  
  Elements of Biochemistry  
  3-4
- **CHEM 264**  
  Foundations of Biochemistry and Molecular Biology I  
- **MATH 105**  
  Trigonometry (or higher level)  
  3
Select one microbiology course and lab from the following: 3-5

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MICR 202 &amp; 202L</td>
<td>Introductory Microbiology and Introductory Microbiology Lab</td>
</tr>
<tr>
<td>MICR 350 &amp; 350L</td>
<td>General Microbiology and General Microbiology Lab</td>
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<tr>
<td>PHRM 125</td>
<td>Medical Terminology for Health Professionals</td>
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<td>PHRM 170</td>
<td>Common Medicines &amp; Diseases</td>
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<td>or PHRM 300</td>
<td>Principles of Clinical Pharmacology</td>
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<td>PHYS 211 &amp; 211L</td>
<td>College Physics I and College Physics I Laboratory</td>
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<tr>
<td>PHYS 212 &amp; 212L</td>
<td>College Physics II and College Physics II Laboratory</td>
</tr>
</tbody>
</table>

**Special Major Electives (department approved)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>SOC 426</td>
<td>Sociology of Medicine</td>
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<tr>
<td>SOC 440</td>
<td>Sociology of Aging</td>
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<tr>
<td>SOC 441</td>
<td>Death and Dying</td>
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<tr>
<td>COMM 308</td>
<td>Business and Professional Speaking</td>
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<td>COMM 315</td>
<td>Small Group Communication</td>
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<tr>
<td>COMM 380</td>
<td>Health Communication I</td>
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<td>COMM 381</td>
<td>Patient-Provider Communication</td>
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<tr>
<td>COMM 383</td>
<td>Organizational Communication I</td>
</tr>
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</table>

**Total Credits** 132-136

**Degree Requirements and Notes**

- All required courses must be completed with a grade of ‘C’ or above. All students must maintain a semester GPA of 2.0 or above for each semester in the College. A student who fails to meet this standard for two successive or three non-successive semesters may be terminated from enrollment in the College of PNAS.

- Completion of the prerequisites does not guarantee a student internship. Selection of interns is competitive. Please consult your Radiologic Sciences advisor for more information.