Radiologic Sciences

Department Information

- **Department Location:** Sudro Hall
- **Department Phone:** 701-231-8713
- **Department Web Site:** www.ndsu.edu/alliedsciences/ (http://www.ndsu.edu/alliedsciences/)
- **Credential Offered:** B.S.
- **Plan Of Study Sample:** bulletin.ndsu.edu/programs-study/undergraduate/radiologic-sciences/#planofstudytext (http://bulletin.ndsu.edu/programs-study/undergraduate/radiologic-sciences/#planofstudytext)

Major Requirements

Radiologic Sciences Major

**Degree Type:** B.S.

**Minimum Degree Credits to Graduate:** 122

University Degree Requirements

1. Satisfactory completion of all requirements of the curriculum in which one is enrolled.
2. Earn a minimum total of 120 credits in approved coursework. Some academic programs exceed this minimum.
3. Satisfactory completion of the general education requirements as specified by the university.
4. A minimum institutional GPA of 2.00 based on work taken at NDSU.
5. At least 36 credits presented for graduation must be in courses numbered 300 or higher.
6. Transfer Students: Must earn a minimum of 60 credits from a baccalaureate-degree granting or professional institution.
   a. Of these 60, at least 36 must be NDSU resident credits as defined in #7.
   b. Within the 36 resident credits, a minimum of 15 must be in courses numbered 300 or higher and 15 credits in the major field of study.
7. At least 36 credits must be NDSU resident credits. Resident credits include credits registered and paid for at NDSU.

For complete information, please refer to the Degree and Graduation Requirements (http://bulletin.ndsu.edu/academic-policies/undergraduate-policies/degree-and-graduation/) section of this Bulletin.

University General Education Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 110</td>
<td>College Composition I</td>
<td>12</td>
</tr>
<tr>
<td>ENGL 120</td>
<td>College Composition II</td>
<td></td>
</tr>
<tr>
<td>COMM 110</td>
<td>Fundamentals of Public Speaking</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upper Division Writing ‡</td>
<td></td>
</tr>
<tr>
<td>‡</td>
<td>Quantitative Reasoning (R) ‡</td>
<td>3</td>
</tr>
<tr>
<td>‡</td>
<td>Science and Technology (S) ‡</td>
<td>10</td>
</tr>
<tr>
<td>‡</td>
<td>Humanities and Fine Arts (A) ‡</td>
<td>6</td>
</tr>
<tr>
<td>‡</td>
<td>Social and Behavioral Sciences (B) ‡</td>
<td>6</td>
</tr>
<tr>
<td>‡</td>
<td>Wellness (W) ‡</td>
<td>2</td>
</tr>
<tr>
<td>‡</td>
<td>Cultural Diversity (D) ‡</td>
<td></td>
</tr>
<tr>
<td>‡</td>
<td>Global Perspectives (G) ‡</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>39</td>
</tr>
</tbody>
</table>
May be satisfied by completing courses in another General Education category.

General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review major requirements to determine if specific courses can also satisfy these general education categories.

A list of university approved general education courses and administrative policies are available here (http://bulletin.ndsu.edu/academic-policies/undergraduate-policies/general-education/#genedcoursestext).

### Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHP 190</td>
<td>Critical Thinking and Academic Success</td>
<td>2</td>
</tr>
<tr>
<td>RS 200</td>
<td>Introduction to Radiologic Sciences</td>
<td>1</td>
</tr>
<tr>
<td>RS 496</td>
<td>Field Experience</td>
<td>60</td>
</tr>
</tbody>
</table>

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

### Related Courses Required:

- BIOC 260  
  or BIOC 460  
  Elements of Biochemistry  
  Foundations of Biochemistry and Molecular Biology I
- BIOL 220  
  & 220L  
  Human Anatomy and Physiology I  
  and Human Anatomy and Physiology I Laboratory (May satisfy a general education category S)
- BIOL 221  
  & 221L  
  Human Anatomy and Physiology II  
  and Human Anatomy and Physiology II Laboratory
- CHEM 117  
  & 117L  
  Chemical Concepts and Applications  
  and Chem Concepts and Applications Lab (May satisfy a general education category S)
- CSCI 114  
  or TL 116  
  Computer Applications (May satisfy a general education category S)  
  Business Software Applications
- MATH 105  
  Trigonometry (or higher level)

Select one microbiology course and lab from the following:
- MICR 202  
  & 202L  
  Introductory Microbiology  
  and Introductory Microbiology Lab
- MICR 350  
  & 350L  
  General Microbiology  
  and General Microbiology Lab
- CHP 125  
  Medical Terminology for Health Professionals
- PHRM 170  
  Common Medicines & Diseases
- PHYS 211  
  & 211L  
  College Physics I  
  and College Physics I Laboratory
- PHYS 212  
  & 212L  
  College Physics II  
  and College Physics II Laboratory
- PSYC 111  
  Introduction to Psychology (May satisfy a general education category B)
- STAT 330  
  Introductory Statistics (May satisfy a general education category R)

### Special Major Elective (department approved)

Select one of the following:
- PHIL 210  
  Ethics
- SOC 417  
  Sociology of the Family
- SOC 426  
  Sociology of Medicine
- SOC 440  
  Sociology of Aging
- SOC 441  
  Death and Dying
- COMM 308  
  Business and Professional Speaking
- COMM 315  
  Small Group Communication
- COMM 380  
  Health Communication I
- COMM 381  
  Patient-Provider Communication
- COMM 383  
  Organizational Communication I
- CHP 400  
  Interprofessional Health Care Practice

Total Credits 108-110
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.
- Completion of the prerequisites does not guarantee a student internship. Selection of interns is competitive. Please consult your Radiologic Sciences advisor for more information.