

# Radiologic Sciences Major

## Major Requirements

Degree Type: B.S.  
Minimum Credits Required: 120

### University Degree Requirements

For complete details on these and other university degree requirements, refer to the Degree and Graduation Requirements (<https://catalog.ndsu.edu/academic-policies/undergraduate-policies/degree-and-graduation/>) section in the University Catalog.

1. Minimum of 120 semester credits (some programs may exceed this minimum).
2. Complete the University General Education requirements.
3. Minimum institutional GPA of 2.00 based on work taken at NDSU.
4. Minimum of 30 credits in resident at NDSU.
5. Minimum of 36 upper level credits (courses numbered 300 or higher).
6. Students with transfer credit must meet the NDSU 30 credits in residence (#4). Of these 30 credits in residence, a minimum of 15 credits must be in courses numbered 300 or above, and 15 credits must be in the student's declared major curricula.

### University General Education Requirements

A list of university approved general education courses along with the administrative policies governing the requirement and the categories is available here (<https://catalog.ndsu.edu/academic-policies/undergraduate-policies/general-education/>).

| Code                                       | Title | Credits   |
|--------------------------------------------|-------|-----------|
| Category C: Communication                  |       | 12        |
| Category R: Quantitative Reasoning         |       | 3         |
| Category S: Science and Technology         |       | 10        |
| Category A: Humanities and Fine Arts       |       | 6         |
| Category B: Social and Behavioral Sciences |       | 6         |
| Category W: Wellness                       |       | 2         |
| Category D: Cultural Diversity             |       |           |
| Category G: Global Perspectives            |       |           |
| Category L: Digital Literacy               |       |           |
| <b>Total Credits</b>                       |       | <b>39</b> |

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| Code                                   | Title                                                                                                                                 | Credits |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------|
| Radiologic Sciences Major Requirements |                                                                                                                                       |         |
| ASCI 190                               | Critical Thinking, Academic, and Professional Skills for the Health Professions                                                       | 3       |
| RS 200                                 | Introduction to Radiologic Sciences                                                                                                   | 1       |
| RS 496                                 |                                                                                                                                       | 60      |
| Internship                             | Professional education (internship) within an accredited affiliated school of radiologic technology includes the capstone experience. |         |
| BIOC 260<br>or BIOC 460                | Elements of Biochemistry<br>Foundations of Biochemistry and Molecular Biology I                                                       | 4       |
| BIOL 220<br>& 220L                     | Human Anatomy and Physiology I<br>and Human Anatomy and Physiology I Laboratory                                                       | 4       |
| BIOL 221<br>& 221L                     | Human Anatomy and Physiology II<br>and Human Anatomy and Physiology II Laboratory                                                     | 4       |
| CHEM 117<br>& 117L                     | Chemical Concepts and Applications<br>and Chem Concepts and Applications Lab                                                          | 4       |
| CSCI 114<br>or TL 116                  | Computer Applications<br>Business Software Applications                                                                               | 3       |
| MATH 105                               | Trigonometry (or higher level)                                                                                                        | 3       |

|                                                            |                                                                |                |
|------------------------------------------------------------|----------------------------------------------------------------|----------------|
| ASCI 125                                                   | Medical Terminology for Health Professionals                   | 1              |
| PHRM 170                                                   | Common Diseases, Prevention, and Treatment                     | 2              |
| PHYS 211<br>& 211L                                         | College Physics I<br>and College Physics I Laboratory          | 4              |
| PHYS 212<br>& 212L                                         | College Physics II<br>and College Physics II Laboratory        | 4              |
| PSYC 111                                                   | Introduction to Psychology                                     | 3              |
| STAT 330                                                   | Introductory Statistics                                        | 3              |
| Select one microbiology course and lab from the following: |                                                                | 3-5            |
| MICR 202<br>& 202L                                         | Introductory Microbiology<br>and Introductory Microbiology Lab |                |
| MICR 350<br>& 350L                                         | General Microbiology<br>and General Microbiology Lab           |                |
| Major Elective: Select one of the following                |                                                                | 3              |
| ANTH 332                                                   | Medical Anthropology                                           |                |
| PHIL 210                                                   | Ethics                                                         |                |
| SOC 417                                                    | Sociology of the Family                                        |                |
| 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 383                                                   | Organizational Communication I                                 |                |
| CHP 400                                                    | Interprofessional Health Care Practice                         |                |
| <b>Total Credits</b>                                       |                                                                | <b>109-111</b> |

## 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.