Microbiology

Department Information

- **Department Location:** Van Es Hall
- **Department Phone:** 701-231-7512
- **Department Web Site:** www.ndsu.edu/microbiology/ (http://www.ndsu.edu/microbiology/)
- **Credential Offered:** B.S.
- **Plan Of Study Sample:** bulletin.ndsu.edu/programs-study/undergraduate/microbiology/#planofstudytex (http://bulletin.ndsu.edu/programs-study/undergraduate/microbiology/#planofstudytex)

Minor Requirements

**Minor: Microbiology**

**Required Credits: 16**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MICR 350 &amp; 350L</td>
<td>General Microbiology and General Microbiology Lab</td>
<td>5</td>
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**Elective Courses: Select 11 credits from the following:**

No more than 3 credits may come from courses numbered 491-499 to fulfill this requirement.

- MICR 352 | General Microbiology II
- MICR 379 | Study Tour Abroad
- MICR 445 | Animal Cell Culture Techniques
- MICR 452 | Microbial Ecology
- MICR 453 | Food Microbiology
- MICR 460 or MICR 450 | Pathogenic Microbiology and Infectious Disease Pathogenesis
- MICR 460L or MICR 450L | Pathogenic Microbiology Laboratory and Infectious Disease Pathogenesis Laboratory
- MICR 463 | Clinical Parasitology
- MICR 470 | Basic Immunology
- MICR 471 | Immunology and Serology Laboratory
- MICR 472 | Clinical Immunology
- MICR 474 | Epidemiology (see SAFE)
- MICR 475 | Virology
- MICR 480 | Microbial Physiology
- MICR 481 | Microbial Genomics with Computational Laboratory
- MICR 482 | Microbial Genetics
- MICR 491 | Seminar
- MICR 494 | Individual Study
- MICR 496 | Field Experience
- MICR 499 | Special Topics

**Total Credits**

16

Minor Requirements and Notes

- A minimum of 8 credits must be taken at NDSU.
- Students must earn a 2.50 minimum GPA for the minor with a grade of 'C' or better in the courses used to satisfy the minor requirements.