Microbiology

Department Information

- **Department Location:**
  150 Van Es Hall
- **Department Phone:**
  701-231-7512
- **Department Web Site:**
  www.ndsu.edu/microbiology/ ([http://www.ndsu.edu/microbiology/](http://www.ndsu.edu/microbiology/))
- **Credential Offered:**
  B.S., Minor
- **Sample Program Guide:**
  catalog.ndsu.edu/programs-study/undergraduate/microbiology/#planofstudytext ([http://catalog.ndsu.edu/programs-study/undergraduate/microbiology/#planofstudytext](http://catalog.ndsu.edu/programs-study/undergraduate/microbiology/#planofstudytext))

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 Critical Skills in Microbiology
- MICR 379 Study Tour Abroad
- MICR 445 Animal Cell Culture Techniques
- MICR 452 Microbial Ecology
- MICR 453 Food Microbiology
- MICR 460 Microbial Pathogenesis
- MICR 460L Microbial Pathogenesis Laboratory
- MICR 463 Clinical Parasitology
- MICR 470 Basic Immunology
- MICR 471 Immunology and Serology Laboratory
- 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.