Biotechnology

Department Information

- **Department Location:** Van Es Hall
- **Department Phone:** 701-231-8892
- **Department Web Site:** www.ndsu.edu/majors/biotech/ (http://www.ndsu.edu/majors/biotech/)
- **Credential Offered:** B.S.
- **Plan Of Study Sample:** bulletin.ndsu.edu/programs-study/undergraduate/biotechnology/#planofstudytext (http://bulletin.ndsu.edu/programs-study/undergraduate/biotechnology/#planofstudytext)

Minor Requirements

**Minor: Biotechnology**

**Required Credits:** 20

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOC 460</td>
<td>Foundations of Biochemistry and Molecular Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOC 461</td>
<td>Foundations of Biochemistry and Molecular Biology II</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 315 &amp; 315L</td>
<td>Genetics and Genetics Laboratory</td>
<td>4</td>
</tr>
</tbody>
</table>

**Biotechnology Technique Electives:** Select 4 credits from the following:

- BIOC 473 Methods of Biochemical Research
- BIOC 474 Methods of Recombinant DNA Technology
- MICR 445 Animal Cell Culture Techniques
- PLSC 484 Plant Tissue Culture and Biotechnology

**Specialized Electives:** Select 6 credits from the following:

- MICR 470 Basic Immunology
- MICR 471 Immunology and Serology Laboratory
- MICR 482 Microbial Genetics
- PPTH 324 Introductory Plant Pathology
- PLSC 380 Principles of Plant Physiology
- ZOO 370 Cell Biology
- ZOO 460 Animal Physiology

Total Credits 20

**Minor Requirements and Notes**

- A minimum of 8 credits must be taken at NDSU.