Biotechnology

Department Information

- **Department Location:** 166 Loftsgard Hall
- **Department Phone:** 701-231-7971
- **Credential Offered:** B.S.
- **Sample Program Guide:**
  [catalog.ndsu.edu/programs-study/undergraduate/biotechnology/#planofstudytext](http://catalog.ndsu.edu/programs-study/undergraduate/biotechnology/#planofstudytext)

Minor Requirements

**Minor: Biotechnology**

**Required Credits: 20**

### Minor Requirements

<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>
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<tr>
<td>PLSC 315 &amp; 315L</td>
<td>Genetics and Genetics Laboratory</td>
<td>4</td>
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**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
- BIOL 370  Cell Biology
- BIOL 460  Animal Physiology

**Total Credits**

20

**Minor Requirements and Notes**

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