

Biotechnology

Department Information

- **Department Web Site:**
www.ndsu.edu/agriculture/academics/academic-units/microbiological-sciences (<http://www.ndsu.edu/agriculture/academics/academic-units/microbiological-sciences/>)
- **Credential Offered:**
 B.S.; Minor
- **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

Code	Title	Credits
BIOC 460	Foundations of Biochemistry and Molecular Biology I	3
BIOC 461	Foundations of Biochemistry and Molecular Biology II	3
PLSC 315 & 315L	Genetics and Genetics Laboratory	4
Biotechnology Technique Electives: Select 4 credits from the following:		4
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:		6
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.