

Biological Sciences

Department Information

- **Department Chair:**
Julia H. Bowsher, Ph.D.
- **Graduate Coordinator:**
Jiha Kim, Ph.D.
- **Department Location:**
201 Stevens Hall
- **Department Phone:**
(701) 231-7087
- **Department Email:**
ndsu.biological.sciences@ndsu.edu
- **Department Web Site:**
www.ndsu.edu/biology/ (<http://www.ndsu.edu/biology/>)
- **Application Deadline:**
Applications must be submitted by January 15 for full consideration for GTA or GRA positions.*
- **Credential Offered:**
Ph.D., M.S.
- **English Proficiency Requirements:**
TOEFL ibt 79; IELTS 6.5; Duolingo 105

Students must select a major adviser prior to their arrival for graduate studies.

The M.S. program generally requires a minimum of 24 months of full-time study, during which an overall GPA of 3.0 or better must be maintained. The M.S. degree may be earned by either of two options. The Plan A: Thesis Option emphasizes completion of a research project. The Plan B: Comprehensive Study Option requires more course work, and instead of conducting research and presenting a thesis, the candidate presents a paper or papers approved by the adviser to the examining committee, demonstrating ability for scholarly study and written expression. Candidates under both options must present a seminar on the thesis research or comprehensive study and must pass an oral examination.

Code	Title	Credits
Master of Science (M.S.)		30
Basic Research Principles		
BIOL 790	Graduate Seminar	
UNIV 720	(or equivalent as approved by committee)	
BIOL 842	Quantitative Biology (or equivalent as approved by committee)	
Biological Content Courses to be approved by the advisory committee.		
BIOL 798	Master's Thesis	

The Ph.D. program generally requires a minimum of 36 months of full-time study, during which an overall GPA of 3.0 or better must be maintained. Candidates for the Ph.D. are required to take a preliminary written and oral examination directed to academic subject matter and an oral final examination of the dissertation.

Code	Title	Credits
Ph.D. Program		90
BIOL 790	Graduate Seminar	
BIOL 842	Quantitative Biology (or equivalent as approved by committee)	
BIOL 884	Biological Research Principles	
Biological Content Courses to be approved by the advisory committee		
UNIV 720	(or equivalent as approved by committee)	
ZOO 899	Doctoral Dissertation	