

Biological Sciences

Department Information

- **Department Chair:**
Julia H. Bowsher, Ph.D.
- **Graduate Coordinator:**
Steve Travers, 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 | Scientific Integrity (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 | Scientific Integrity (or equivalent as approved by committee) | |
| ZOO 899 | Doctoral Dissertation | |