### Major Requirements

- **BIO 201** 4 Biology I: Foundations of Cell Biology & Genetics
- **BIO 202** 4 Biology II: Organisms and Diversity
- **BIO 203** 4 Principles of Genetics
- **BIO 493** 4 Biology Senior Capstone
- **ENS 204** 4 Principles of Ecology

Select one course from the following:

- **BIO 393** 2-4 Practicum
- **BIO 450** 2-4 Directed Research

Select one course from the following:

- **BIO 312** 4 Cellular and Molecular Biology
- **BIO 462** 4 Molecular Genetics
- **BIO 471** 4 Microbiology and Immunology

Select one course from the following:

- **BIO 331** 4 Comparative Anatomy
- **BIO 432** 4 Developmental Biology

Select 4 hours in the summer field program from:

(Additional courses from Au Sable Institute or other institutions may count with departmental approval.)

- **BIO 304** 4 Field Natural History of the Black Hills
- **BIO 305** 4 Natural History of the Rocky Mountains
- **BIO 370** 4 Selected Topics

Select one course from the following:

- **BIO 441** 4 Environmental Physiology
- **BIO 452** 4 Animal Physiology

Select one additional 300/400 level biology course or CHE 411

- **BIO** 3-4
- **CHE 411** 3 Biochemistry I

### Additional Major Requirements

- **CHE 311** 4 Organic Chemistry I
- **CHE 312** 4 Organic Chemistry II

Select one of the following chemistry course combinations:

- **CHE 201** 4 General, Organic, and Biochemistry I
- **CHE 202** 4 General, Organic, and Biochemistry II

or

- **CHE 211** 4 College Chemistry I
- **CHE 212** 4 College Chemistry II

Select one of the following physics course combinations:

- **PHY 203** 4 General Physics I
- **PHY 204** 4 General Physics II

or

- **PHY 211** 4 University Physics I
- **PHY 212** 5 University Physics II

Select one of the following:

- **MAT 151** 4 Calculus I
- **MAT 210** 4 Introductory Statistics
- **MAT 230** 4 Calculus II

### Degree Requirements

- 128 minimum hours and 42 minimum upper-division hours (3XX/4XX course numbers).
- Fifty percent of the minimum hours must be completed at Taylor—64 hours.
- Fifty percent of the major/minor hours must be completed at Taylor.
- 22 of the last 30 hours earned must be completed at Taylor.
- Cumulative GPA of 2.0; major GPA of 2.3 (higher GPA may be required in certain curricula). (See current catalog for policy).
- All foundational core, major, minor, and proficiency requirements must be completed (including Senior Comprehensive Exam/Paper/Project).
- Two years of one foreign language is required for the BA degree.
- Candidates for 2 degrees must complete a minimum of 158 semester hours and meet all requirements for 2 different majors.