



## BS in Biology – 2016-2017

Student Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

### 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 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 (approved by advisor)

Select one course from the following:

_____	BIO 312	4	Cellular and Molecular Biology
_____	BIO 462	4	Molecular Genetics
_____	BIO 471	4	Microbiology and Immunology
_____	BIO 472	4	Histology

Select one course from the following:

_____	BIO 331	4	Comparative Anatomy
_____	BIO 351	4	Advanced Human Anatomy
_____	BIO 432	4	Developmental Biology
_____	BIO 441	4	Environmental Physiology
_____	BIO 451	4	Advanced Human Physiology
_____	BIO 452	4	Animal Physiology

Select one course from the following:

_____	BIO 301	4	Taxonomy of Vascular Plants
_____	BIO 307	4	Vertebrate Natural History
_____	ENS 375	4	Systems Ecology

Select an 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 course from the following:

_____	MAT 151	4	Calculus I
_____	MAT 210	4	Introductory Statistics
_____	MAT 230	4	Calculus II

**Total Major Hours Required: 69-73**

### 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 major.