



Name: \_\_\_\_\_ Student ID #: \_\_\_\_\_ Date: \_\_\_\_\_

### University Studies Requirements

**Core Courses** *\*completed within first 60 credits*

Course	Credits	Grade	Planned to Take
WRIT 102 College Writing II _____	3	_____	_____
WRIT 209 Business and Professional Writing _____	3	_____	_____
HHP 102 Wellness and a Positive Lifestyle _____	3	_____	_____
COMM 110 Intro to Speech Communications _____	3	_____	_____
MATH/CSCI _____	3-4	_____	_____

### Humanities

Course	Course Title	Credits	Grade	Planned to Take
History _____		3	_____	_____
Literature _____		3	_____	_____
World Language, Culture, & Philosophy _____		3	_____	_____

**Social Science (6 cr)** *must include 2 different prefixes*

Course	Course Title	Credits	Grade	Planned to Take
Course 1 _____		3	_____	_____
Course 2 _____		3	_____	_____

### Natural & Physical Sciences

Course	Course Title	Credits	Grade	Planned to Take
Environmental _____		2	_____	_____
Lab _____		4	_____	_____

### Fine & Applied Arts

Course	Course Title	Credits	Grade	Planned to Take
Art History, Criticism & Appreciation _____		3	_____	_____
Aesthetic Experience _____		3	_____	_____

**Global Awareness & Diversity** *\*may be fulfilled through other University Studies categories*

Course	Course Title	Credits	Grade	Planned to Take
Global Awareness _____		3	_____	_____
Diversity _____		3	_____	_____

## Biology Major Requirements

35 total biology credits plus 9 chemistry required to include:

### Biology required courses (21 credits required):

Course	Course Title	Credits	Grade	Planned to Take
BIOL 130	Principles of Biology I	4		
BIOL 132	Principles of Biology II	4		
BIOL 330	Genetics	4		
BIOL 340	Ecology	4		
BIOL 440	Cell Biology	4		
BIOL 497	Senior Experience	1		

### Senior Experience required courses (1 credit required):

Course	Course Title	Credits	Grade	Planned to Take
BIOL 491	Research in Biology	1-4		
BIOL 492	Biology Seminar	1		

### Biology Upper-level Elective courses (13 credits required):

Additional 200-level or high biology courses such as:

Course	Course Title	Credits	Grade	Planned to Take
BIOL 270	Human Anatomy and Physiology	4		
BIOL 280	Human Anatomy and Physiology II	4		
BIOL 281	Special Topics	1-4		
BIOL 300	Marine Biology	3		
BIOL 303	Forest Ecology and Management	4		
BIOL 305	Evolution	3		
BIOL 312	Biogeography and Conservation	3		
BIOL 316	Medical Terminology	2		
BIOL 318	Immunology	3		
BIOL 325	Plant Taxonomy	4		
BIOL 335	Aquatic Entomology	3		
BIOL 350	Limnology	4		
BIOL 355	Microbes and Defense	4		
BIOL 360	Parasitology	4		
BIOL 365	Entomology	4		
BIOL 367	Ornithology	4		
BIOL 380	Vertebrate Biology	4		
BIOL 382	Ichthyology	4		
BIOL 399	Cancer Biology	3		
BIOL 405	Neurobiology	3		
BIOL 420	Field Biology	1		
BIOL 431	Animal Behavior (Ethology)	3		
BIOL 432	Animal Behavior Laboratory	1		
BIOL 465	Laboratory Techniques in Biochemistry and Cell/Molecular Biology	2		

BIOL 481	Special Topics		1-4	
	Environmental Science			
ENSC 350	Research Methods		2	

**Note:** BIOL 289, 389, 489 must be approved on a case by case basis.

**Chemistry required courses (9 credits required):**

Course	Course Title	Credits	Grade	Planned to Take
CHEM 105	General Chemistry I	5		
CHEM 106	General Chemistry II	4		

One semester of calculus and a year of physics are recommended for students interested in graduate or professional school.

**Ecology, Aquatic Biology and Fishery Science focus recommendation:**

Faculty expertise and the Lake Superior region contribute to the development of both classroom and non-classroom learning experiences in the area of ecology, aquatic biology and fishery science. Students interested in careers in aquatic ecology, marine biology, terrestrial ecology, field biology, resource management, or natural resource education will be advised to take courses within the Biology Major which prepare them for work or graduate studies in these fields. Additional courses in mathematics, statistics, computer science, geographic information systems, and physics are recommended.

Students should work closely with their advisor when choosing elective credits. Additional courses in mathematics, statistics, computer science, geographic information systems, and physics are recommended.

**Plant Sciences focus recommendation:**

Students interested in botany or other plant science are encouraged to take additional courses in the plant sciences, geographic information systems, and geology as part of the Biology Major and as suggested by their advisors.

**Cell/Molecular Biology focus recommended courses:**

Students interested in cell or molecular biology are encouraged to take additional course work in in cell or molecular biology. Students should work closely with their advisor when choosing elective credits.

**Notes:**