



northern *State* university

**Bachelor of Science in Environmental Science
Plan of Study**

First Year Fall	
Course	Credit
IDL 190, Freshman Seminar	2
BIOL 130, Success in Science	1
BIOL 151/L, General Biology I	4
CHEM 112/L, General Chemistry I	4
MATH 102/L, College Algebra*	3-4
	14-15

First Year Spring	
Course	Credit
ENGL 101, Composition I	3
BIOL 153/L, General Biology II	4
CHEM 114/L, General Chemistry II	4
Arts and Humanities Course (see catalog)	3
	14

Second Year Fall	
Course	Credit
ENGL 201, Composition II	3
Arts and Humanities Course (see catalog)	3
BIOL 333/L, Aquatic Ecology ***	4
GEOG 372, Introduction to GIS	3
BIOL 180, Soils and the Environment**	3
	16

Second Year Spring	
Course	Credit
Behavioral/Social Sciences Course (see catalog)	3
BIOL 436, Biogeography	3
GEOG 131/L, Physical Geography Weather/Climate**	4
Behavioral/Social Sciences Course (see catalog)	3
SPCM 101, Fundamentals of Speech*	3
	16

Third Year Fall	
Course	Credit
BIOL 311/L, Principles of Ecology**	4
BIOL 345, Biological Statistics I	3
BIOL 431/L, Environmental Science and Conservation	4
BIOL 357/L, Invertebrate Zoology **	4
	15

Third Year Spring	
Course	Credit
Human Values Course (see catalog)	3
GEOG 473, GIS: Data Creation and Integration***	3
BIOL 211/L, Environmental Biology***	3
General Elective	3
General Elective	3
	15

Fourth Year Fall	
Course	Credit
BIOL 301/L, Plant Systematics	4
BIOL 490, Sr. Seminar, or BIOL 498, Undergraduate Research and Scholarship	1
BIOL 496, Field Experience	2
BIOL 363/L, Ornithology ***	4
Elective or Minor Course	3
	14

Fourth Year Spring	
Course	Credit
BIOL 365/L, Vertebrate Zoology**	4
BIOL 484, Remote Sensing***	3
BIOL 346, Biological Statistics II***	3
Elective or Minor Course	3
Elective or Minor Course	3
	16

Suggested Double Majors: Biology

Suggested Minors: GIS (Geographic Information Systems) and/or Geography

Suggested Certificate(s): Organismal Biology and/or Quantitative Analytics in Science (new)

*Fulfills a General Education Requirement. Other course options may be available. **Fulfills a major requirement. Other course options may be available. ***Fulfills a general elective. Other course options may be available. This plan of study is not an official document. Depending on placement scores, developmental courses may be required. Course rotations may change. Please visit with a professional advisor at least once a semester to review appropriate course choices and plan updates.