

Student:		Minimum 124 semester hours required for graduation 18 of the last 24 hours must be at Houghton Must have 30 hours at Houghton One half of major must be at Houghton <i>Must have C- or above in each course to meet Major, Concentration, or Minor credit</i> <i>Must have 62 liberal arts credits for BS degree</i>	
Major: Biology (Environmental Emphasis)			
Minor:			
BS	Advisor:		
Biology (Environmental Emphasis) Major (67-71 hrs)			
General Education (see GenEd Audit Sheet)			
Pre-Requisites		8 hrs	
(4) BIOL 151 General Bio: Organisms to Ecosystems	LA	Note: unless a grade of C- is earned in the lecture component of both BIOL 151 and BIOL 152 students must enroll concurrently in BIOL 151 or BIOL 152 if also enrolling in 200 level or higher biology courses.	
(4) BIOL 152 General Bio: Cellular Biology and Genetics	LA		
Co-Requisites		32-36 hrs	
(4) CHEM 151 General Chemistry I	LA	(4) CHEM 152 General Chemistry II	LA
(4) CHEM 241 Organic Chemistry I	LA	(4) CHEM 242 Organic Chemistry II	LA
(4) PHYS 251 General Physics I	LA	(4) PHYS 252 General Physics II	LA
(4) ESCI 101 Physical Geology	LA		
(4/4,4) MATH 181 Calculus I or MATH 170/171 Calculus I with Pre-calculus A & B or MATH 160/161 Calculus for Life Sciences A & B		LA	
Half of credits listed below must be taken at Houghton			
Core		27 hrs	
(4) BIOL 251 Genetics	LA	(4) BIOL 301 Field Botany	LA
(4) BIOL 322 General Ecology	LA	(4) BIOL XXX Course with zoological emphasis	LA
(1) STEM 371 Career Seminar		(2) BIOL 482 Senior Capstone: Senior Seminar	LA
Field Experience (<i>choose one from following</i>)			
(4) BIOL course at AuSable Institute (<i>max. 8 credits</i>)	LA	(4) Field course at another accredited institution	LA
[] Significant intern or work experience			
Elective if necessary to equal 27 hours			
(4)	LA		
Recommended courses (<i>not part of major</i>)			
(3-4) PSY 309 Statistics	LA	(4) REC 401 Natural Resource Management	